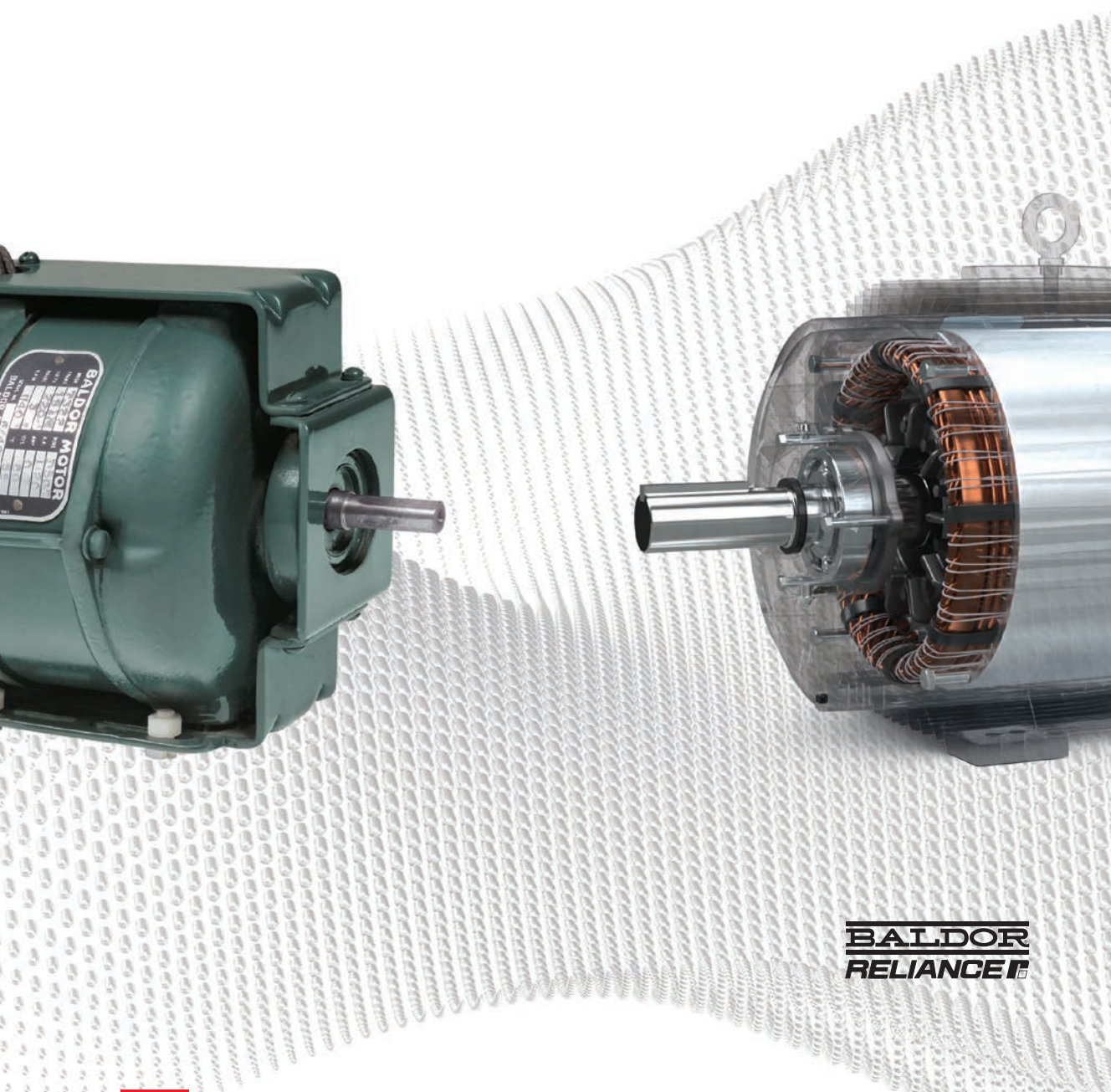




2020 Baldor-Reliance® 501 standard motor catalog

2020 Baldor-Reliance® 501

Building a better motor
for more than 100 years

Effective 10/20
rev. 04/21



October 1, 2020

To our valued customers,

More than 100 years ago, we set out to “build a better motor,” and that is still our goal today.

We come from a long history of innovators and entrepreneurs that created solutions for their communities and industries. That tradition continues as we enter a second century with investments in revolutionary designs, technologies, processes and tools. All to build a better motor.

We can see the next century. It’s right at our fingertips, and it’s exciting. We like to use the word “transformative” to describe the way we are designing and building our motors to the way they are ordered and received.

As we continue to evolve and innovate in order to take care of our customers, there are two things that will not change:

- Our **mission** is to be the best, as determined by our customers, marketers, designers and manufacturers of industrial electric motors.
- We want to provide you more **perceived value** than you get from other motor manufacturers.

$$V_p = \frac{Q_p \times S_p^{\circ}}{C \times T}$$

Thank you for being part of our journey, and thank you for allowing us to be a part of yours. We look forward to remaining your industrial motor partner for many years to come.

Jesse

Jesse Henson
Head of global NEMA motors
Head of US Motors and Generators Division



- **1920** – Edwin Ballman and Emil Doerr founded Baldor Electric Company in St. Louis, MO



- **1976** – Baldor was recognized by the Federal Agency Administration for design and manufacture of high efficiency motors
- **1978** – Baldor produced its 1 millionth motor

1900

1910

1920

1930

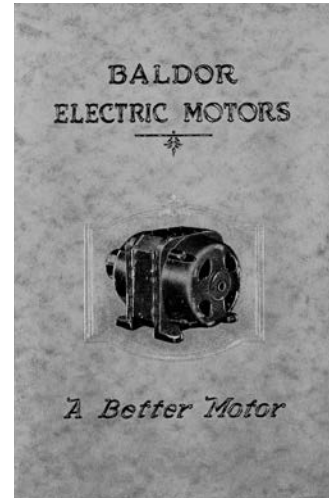
1940

1950

1960

1970

- **1904** – Lincoln Electric was formed and later became Reliance Electric
- **1905** – Lincoln Electric introduced the first adjustable speed DC motor



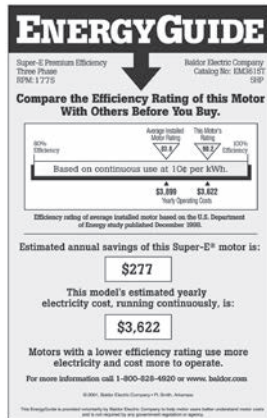
- **1956** – Baldor opened its first AC motor plant in Fort Smith, AR



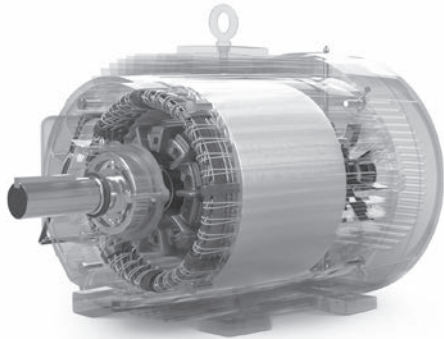
Our **mission** is to be the best, as determined by our customers, marketers, designers and manufacturers of industrial electric motors.

- You determine what is best
- You grade our papers every day
- We will continue to work with customers to determine the motors they, and the industry, need.
- We want to design and build our own motors
- We want to provide you with the most preferred industrial motors

- **1980** – The Mission Statement and Value Formula were introduced
- **1983** – The Super-E® premium efficient motor line was introduced



- **2011** – Baldor joined the ABB family, creating the largest industrial motor company in the world
- **2020** – The EC Titanium™ IE5 integrated motor drive was introduced



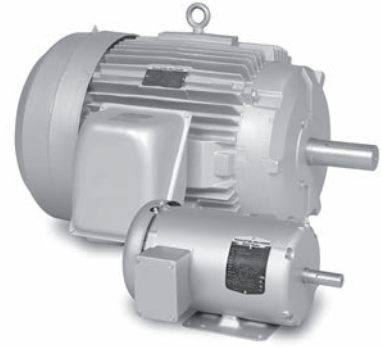
1980

1990

2000

2010

2020



- **2001** – Baldor introduced the EnergyGuide label to the industrial motor market
- **2007** – Reliance® joined the Baldor family
- **2017** – ABB Ability™ smart sensor for motors was introduced
- **2018** – Food Safe motors were introduced



The years ahead – The investments are being made, the tools are being implemented.

The next 100 years will bring a more innovative way of marketing, designing and manufacturing industrial electric motors.

We want to provide you more **perceived value** than you get from other motor manufacturers.

Q The motor you receive should perform exactly as you expect it to. We do that with a clear understanding of your needs, well-engineered designs, and advanced operational technologies and processes.

S We offer 24/7 local sales support, information, inventory, and technical support.

C A reliable, efficient and safe motor reduces the lifetime cost of your processes and equipment.

T Receive information, support and your motor where and when you want it.

$$V_p = \frac{Q_p \times S_p}{C \times T}$$

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

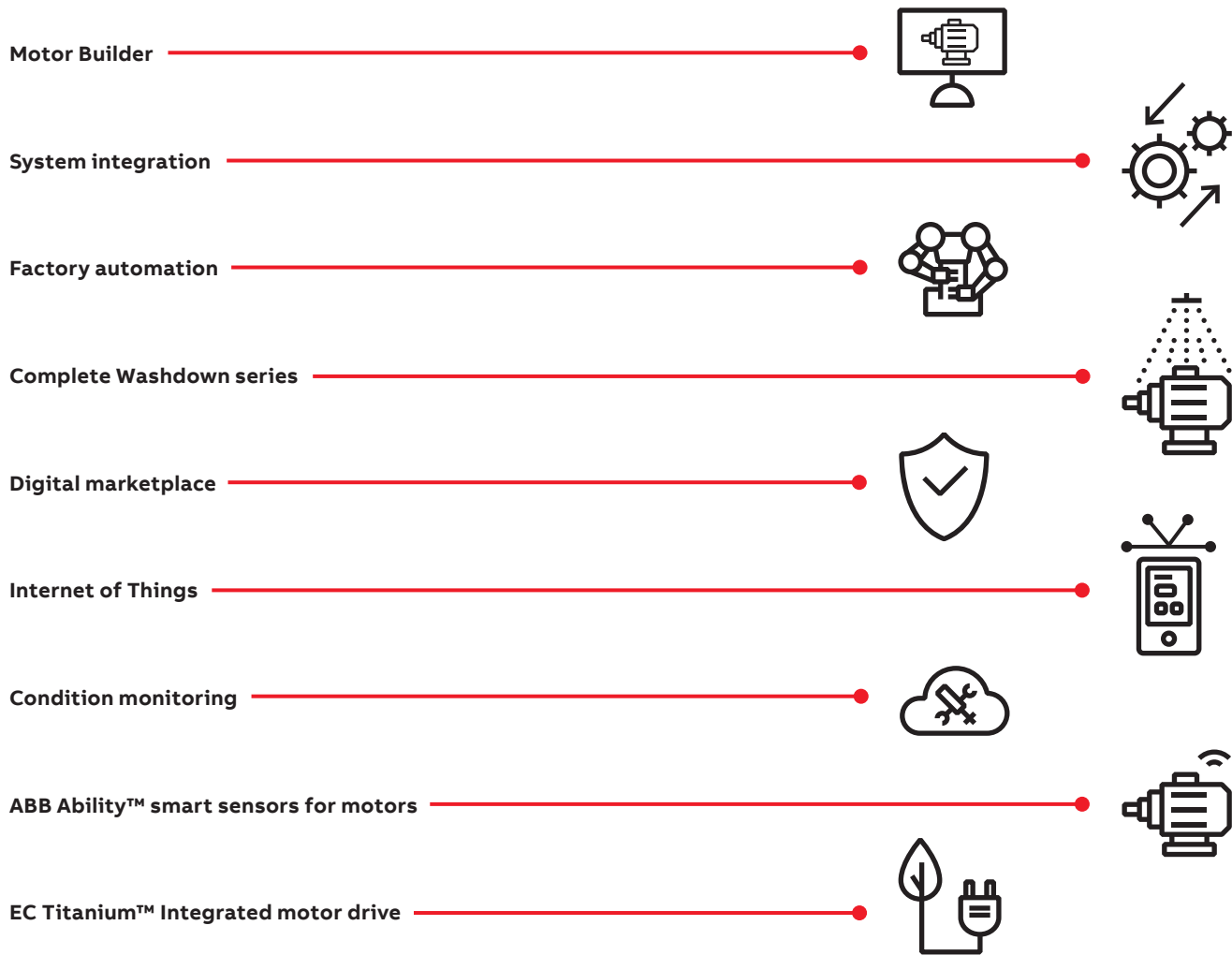
Explosion proof

Pump

HVAC

Farm duty

Innovation beyond the motor



Featured in this catalog

EC Titanium™ Integrated motor drive
Beyond IE5 efficiency (Variable Speed AC section)



Complete Washdown series of motors
(Washdown duty section)



ABB Ability™ smart sensor for motors
(Motor ModExpress® section)



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Customers have easy access to additional data and information by visiting new.abb.com/motor-generators or baldor.com.

- Local sales offices
- Authorized distributors
- Sales terms & conditions
- Freight policy
- Warranty information
- Authorized service centers
- Product literature
- Energy efficiency
- Performance data
- Connection diagrams
- Dimension sheets
- Installation manuals
- Renewal parts
- Customer product education

501 catalog notes:

Efficiencies – Efficiencies of all 60 Hz motor designs are listed as NEMA nominal at full load (Except the motors designed to meet the Small Motor Rule average efficiencies as specified by the DOE).

Full Load Amps (FLA) – For low voltage amps, double high voltage amps shown, excluding medium voltage amps for 2300/4000 voltage.

Motor bearings – Motors with ball bearings are suitable for coupled loads. If a load is belted, a roller bearing may be required, contact your local sales office if you have questions or need assistance.

Service factor – NEMA T-frames in TEFC construction have a service factor of 1.15 or greater except where noted. All NEMA U- frame TEFC motors (except explosion-proof) have NEMA open service factors. Fractional horsepower TEFC motors have NEMA open service factors. All Inverter Duty and Vector Duty AC motors have 1.0 Service Factors. All DC motors have 1.0 service factors.

Mounting holes – Most steel band and cast iron foot-mounted motors have dual mounting holes (143T-145T, 182T-184T, etc.)

F1/F2 – All Cast iron motors are built with symmetrical frames which may be converted from F1 to F2 by switching endplates and rotor from end-to-end except for L182T, L184T, L213T, L215T and L449T. TEFC 5000 and 5800 frame motors are field convertible from F1 to F2 via swingarm. For ODP 5000 and 5800 Frames, please check with factory for F-1/F-2 conversion. Frames with the “L” prefix have standard NEMA base and BA dimensions. Also applies to TC versions of these frame sizes.

SCR drive motors – Field Amps listed are for High Voltage Connections with motor at operating temperature.

Modified motors – Using stock motors, ABB can modify motors to fit a variety of applications in only 2 to 5 working days for most modifications. Please see the Mod Express section in this catalog for more information.

Custom motors – For information on motor designs and capabilities not found in this catalog, please contact your local sales office.

Summary of IP protection numbers

IP Protection – Baldor-Reliance® enclosures ⁽¹⁾

Open motor enclosures:

IP22 or 23 - Open drip proof AC or DC motors

Totally enclosed motor enclosures * :

IP44 - LV General purpose AC or DC motors **

IP54 - MV General purpose AC motors

IP55 - ABB IEC motors

Severe duty AC motors (ECP)

Crusher, Quarry & Dirty Duty motors

White Washdown & Paint-Free motors

IP56 - LV Motors meeting IEEE 841

Dirty Duty motors

Feather Picker motors

Stainless steel motors (non-encapsulated)

IP69 for Water -

Food Safe Stainless steel encapsulated motors

Notes:

(1) Codes are not included on stock motor nameplate as standard.

* Totally enclosed motors will meet IP protection level indicated when drain plugs and or T-drains are properly installed.

** IP54 when drain fitting kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

	First # Protection Against Solid Objects	Second # Protection Against Liquids
IP Tests		
0 No Protection		0 No Protection
1 Protection against solid objects up to 50 mm. (E.G. Accidental touch by hands.)		1 Protection against vertical drops of water. (E.G. Condensation.)
2 Protection against solid objects up to 12 mm. (E.G. Fingers)		2 Protection against falling water up to 15 degrees from the vertical.
3 Protection against solid objects over 2.5 mm. (E.G. Tools,Wires)		3 Protection against falling water up to 60 degrees from the vertical.
4 Protection against solid objects over 1 mm. (E.G. Tools, Wires, and Small Wires)		4 Protection against splashing water from all directions, limited ingress.
5 Protection against dust - limited ingress (No harmful deposits)		5 Protection against low pressure jets of water from all directions, limited ingress.
6 Totally protected against all dust.		6 Protection against strong jets of water. (E.G. Use on ship decks, limited ingress.)
		7 Protection against immersion.
		8 Protection against submersion.
		9 Protection against high pressure, high temperature spray of water from all directions

Contact your local sales office for clarification, assistance or additional information on any Baldor-Reliance or ABB product. A listing of the offices can be found on baldor.com

Approvals UL and CSA

Approvals for AC Motors, Explosion Proof, and DC Motors:

File #:	Description:	Description:
E10822	UL Listed Explosion Proof AC Motors	182T - 449T Frames
		5008, 5010, 9540 Frames
		140TY - 440TY Frames - Submersible Water-Sewer Pump motors
	UL Listed Explosion Proof DC Motors	182T - 286T Frames – Shaker Duty motors
		1811AT - 259AT Frames
E481231	UL Listed Fire Pump Motors	327AT - 3610A Frames
		408AT - 409AT Frames
		140 - 440 Frames, up to 400 Hp
		42 - 250 Frames - Subfractional thru 20 Hp motors
		Special Explosion Proof conduit boxes
E46145	UL Recognition for DC frames	42 - 184 Frames – Subfractional Motors and Gearmotors
		42 - 449 Frames
		180 - 5800 Frames
		L180 - DL2814 Frames
		48 - 4013AT Frames
E54825	UL Recognition for AC frames	56 Frame
		48 - 449 Frames – Subfractional thru 300 Hp motors
		1 - 500 Hp Motors
		140TY - 440TY Frames
		180 - 449T Frames
E6881	UL Listed Explosion Proof DC Motors	180 - 449T Frames
		48 - 215 Frames
		56 - 364T Frames
		42 - 184 Frames
		42 - 449 Frames
E6951	UL Listed Explosion Proof AC/DC Motors	L180 - DL2814 Frames – 32-1000 Hp
		48 - 4013AT Frames – 5-500 Hp
		7MG - 80MG Frames – 15-150 Hp
		140TY - 360TY Frames – Submersible and Immersible motors
		L180 - L440 frames – TEPV Type X Purge Motors
EEV79350	CSAc-us EEV Certification (Energy Efficiency Verification)	L180 - DL2814 Frames
		447T - 10840 Frames up to 7200 Volts
		C4412 - B1610 Frames – 100-3000 Hp
		447T - 9600 Frames up to 7200 Volts
		447T - 10840 Frames up to 14000 Volts
EEV78389	CSAc-us EEV Certification (Energy Efficiency Verification)	5800 - 10840 Frames – 1000-10000 Hp
		1 - 500 Hp
		180 - 449 Frames – 600 Hp max.
		180 - 449 Frames – 600 Hp max.
LR19467	CSA Certified Explosion Proof (Division 1)	
LR22553	CSA c-us Certified Explosion Protected (Division 2)	
LR2262	CSA Certification for Explosion Proof motors	
LR40567	CSA Certification for Explosion Proof motors	
LR46877	CSA c-us Certified Explosion Proof (Division 1)	
LR48703	CSA c-us Certified Explosion Protected (Division 2)	
LR52580	CSA Certification for Explosion Proof motors	
LR53258	CSA c-us Certified Explosion Protected (Division 2)	
LR60344	CSA c-us Certified Explosion Protected (Division 2)	
LR63415	CSA Certification for Explosion Proof motors	
LR6451	CSA c-us Certification for AC frames	
LR6771	CSA Certified AC Division 1	
EEV78389	CSA EEV Certification (Energy Efficiency Verification)	
LR7861	CSA c-us Certification for NEMA frames	
LR40567	CSA c-us Certification for NEMA frames	

- Motor Designs built at Athens, Gainesville and Kings Mountain Plants.
- Motor Designs built at Westville, Fort Smith, Ozark, and Columbus Plants.
- Motor Designs built at Athens, Gainesville, Westville, Fort Smith, Ozark, and Columbus Plants.

Department of Energy (DOE) Compliance Certification: CC 010A
Motors for use in Canada meet NRC Canadian Standards for Efficiency.

DC Tachometers

XPY tachometers are UL recognized, file number E109527 and CSA listed file number LR36841-5.

DC SCR Controls and Accessories

BC-series SCR controls are UL/cUL Listed, file number E114039.

Motors used outside of the United States

Use of motors outside of North America

ABB is capable of supplying a wide range of electric motors suitable for use throughout the world. Both NEMA and IEC designs are available in a wide range of voltages, frequencies, mountings and certifications.

Compliance is not only about a regulated efficiency level to comply with MEPS but in many countries the motors must be certified and show a specific marking or documentation to allow importation and use. Such certification may be testing for efficiency in approved labs within that country. Usually these tests are done by spec and not for a wide ranging family. To avoid later confusion, addressing compliance needs and certifications should be done during the quote process, not after.

Please feel free to contact your local sales office for assistance in determining what needs to be done to make your export motor compliant.

60 Hz motors marked with 50 Hz data

Certain motors may have secondary 50 Hz nameplate data either at rated or reduced output power. Since most motors in this CA501 catalog are designed as 230/460 V, 60 Hz, on 50 Hz many of these motors are rated as 190/380 V. The efficiency on such motors is usually lower on 50 Hz than on 60 Hz and may not be compliant in all countries. Just because these motors are 50 Hz, they may not be CE compliant.

Please feel free to contact your local sales office for assistance in determining what needs to be done to make your export motor compliant.

European Union (EU) – CE compliance

The EU ErP Directive, Regulation 640/2009 mandates 7.5 – 370 kW (10-500 Hp 2, 4, and 6-pole low voltage motors (up to 1000 V) sold for use in Europe should be marked with IE3 efficiency level as of January 1, 2015. As of January 1, 2017, motors from 0.75 – 370 kW (1-500 Hp) will need to be IE3. Additionally the motors need to have a CE mark. There is no formal registration process for motors sold for use in the EU.

IE2 motors are still allowed to be sold if used with an adjustable speed drive. Baldor-Reliance® motors have a sticker stating that it must be used with a drive. Again, the CE mark is required.

Intermittent duty (S2-S8), Brake motors, explosion-proof motors, 8-pole & slower and motors designed only for use with variable speed drives are exempt. Also motors with certain ambient and altitude marking may be exempt from EU regulations.

Note that specific motor construction and marking requirements beyond the motor efficiency level are required for CE compliance. These include nameplate markings, which IEC standards are referenced for compliance, earth ground symbol, IEC lead marking, half and three quarter efficiency levels (posted to literature or website), and more.

Please feel free to contact your local sales office for assistance in determining what needs to be done to make your export motor compliant.

UL and CSA explosion-proof classifications

CAUTION! Motors misapplied in hazardous environments can cause a fire or explosion resulting in destruction of property, serious injury or death. Only the end user or a qualified underwriter is to identify and select the proper class, group, division, and temperature code motor to meet the requirements of each installation. ABB personnel can advise what listings and approvals Baldor-Reliance® and ABB motors carry, but cannot evaluate nor recommend what motors may be suitable for use in hazardous environments.

- Hazardous Locations** — For details on area classification and equipment suitability please consult NFPA70™ National Electric Code® Articles 500-516.
 - Class I Group C — locations are those which contain flammable gas, vapor, combustible liquid produced vapor mixed with air that may burn or explode, either having a maximum experimental safe gap (MESG) value greater than 0.45 mm and less than or equal to 0.75mm or a minimum igniting current ratio (MIC ratio) greater than 0.40 and less than or equal to 0.80. Ethylene is a typical Group C gas. For other substances in this group, please consult NFPA 497.
 - Class I Group D — locations are those which contain flammable gas, vapor, combustible liquid produced vapor mixed with air that may burn or explode, either having a (MESG) value greater than 0.75 mm or a (MIC ratio) greater than 0.80. Propane is a typical Group D gas. For other substances in this group, please consult NFPA 497.
 - Class II Group E — locations with atmospheres containing combustible metal dusts such as aluminum, magnesium and their alloys or other combustible dusts with particle sizes and conductivity that present similar hazards. For other substances and guidance relative to this group, please consult NFPA 499.
 - Class II Group F — locations with atmospheres containing combustible carbonaceous dusts with more than 8% entrapped volatiles. Coal, carbon black, charcoal and coke dust are examples from this group. For other substances and guidance relative to this group, please consult NFPA 499.
 - Class II Group G — locations with atmospheres containing combustible dusts not included in Group E or F, including flour, grain, wood, plastic and chemicals. For other substances and guidance relative to this group, please consult NFPA 499.
- Class II Temperature Codes** are typically the lower of either the ignition temperature of the combustible dust that is present or 165°C. Low surface temperature requirements (higher temperature codes) in Class II F&G require that over temperature protection be used.
 - Class II Explosion-proof motors rated 1 1/2 Hp or less have internally mounted automatic thermal overloads when indicated by suffix "A". Caution must be observed when applying these to machinery applications to prevent accidental injury should the thermal device automatically reset and restart the motor.
 - Class II Explosion-proof motors rated 1 Hp and larger without automatic thermal overloads have thermostats in the windings. These thermostats are pilot circuit devices to be connected to the magnetic starter circuit.
- Motors for use in Class I only locations** may be provided without T-stats. In these cases, the T-Code is determined by the maximum external surface temperature of the motor enclosure at the point when the winding burns out. These motors have T-Codes T2A or T2B depending on design, and require special sacrificial insulation. Consult ABB for the acceptability of a requested T-code for specific designs. When motors for use in Division 1 areas (Class I and/or Class II) are provided with T-stats (Over temperature devices) the over-temperature protection must be utilized. If accepted by the AHJ (Authority Having Jurisdiction) other means of limiting the temperature may be utilized in the application. Such alternate protection means are the responsibility of the end user, and ABB does not accept any responsibility for them.
- Surface temperatures of Baldor-Reliance explosion-proof motors** will not exceed the following UL and CSA maximums under fault conditions. The "T" Code identifies the maximum absolute motor surface temperature that will be developed under all conditions of operation.
 - Division 1 considers external surface temperature and includes overloads and locked rotor conditions.
 - Division 2 considers internal and external surface temperatures during normal operation.

Maximum surface temperature	US (NEC 500) CA (CEC Annex J)	US (NEC 505) CA (CEC Section 18)
450° C	T1	T1
300° C	T2	T2
280° C	T2A	—
260° C	T2B	—
230° C	T2C	—
215° C	T2D	—
200° C	T3	T3

Maximum surface temperature	US (NEC 500) CA (CEC Annex J)	US (NEC 505) CA (CEC Section 18)
180° C	T3A	—
165° C	T3B	—
160° C	T3C	—
135° C	T4	T4
120° C	T4A	—
100° C	T5	T5
85° C	T6	T6

- Stock Motors are not suitable for applications in temperatures below -25°C (-13°F). Custom motor designs available for applications in temperatures down to -60°C. Contact your local Sales office for further information.
- All Baldor-Reliance explosion-proof motors are supplied with Explosion-Proof UL and CSA approved conduit boxes as standard.
- Most Baldor-Reliance three phase AC explosion proof motors, are approved for use on adjustable speed drives. Only explosion proof motors with adjustable speed information on the motor nameplate can be used. Custom explosion proof ratings are available, contact your local sales office for more information.
- Baldor-Reliance Division 1 and Division 2 motors are certified for hazardous locations in the North American market, to the Class and Division system. When these motors also carry a CE mark, it is CE marked only for Electrical Safety, to the Low Voltage Directive, 2014/35/EU and has not been certified nor marked for the ATEX Directive, 2014/34/EU.

Baldor-Reliance Explosion Proof motors in this catalog use the following symbols to designate their Division 1, Class and Group certification capabilities. These assignments are for use with this version of the 501 catalog only.

XP Class & Group Symbol	Description
①	Class I, Group D
②	Class I, Group D, Class II, Group F & G
③	Class I, Group D, Class II, Group E, F & G
④	Class I, Group C & D
⑤	Class I, Group C & D, Class II, Group F & G
⑥	Class I Group C & D, Class II Group E, F & G

Abbreviations

The basic catalog number consists of a letter(s) prefix and several non-significant proceeding numbers. A suffix letter(s) and/or number(s) may also be part of the catalog number. For example L3510 or L3510T. Following is a list of prefix and suffix definitions.

Motors Prefix

AEM	Automotive Motor, three phase	GD	Grain dryer centrifugal fan motor
AFL	Aeration Fan Motor, single phase	GSL	Grain stirring motor, single phase
AFM	Aeration Fan Motor, three phase	HFM	HVAC duty, F-2 mounted connection box, three phase
ANFL	Auger Fan Motor, single phase	HIC	Incubator/hatchery vent fan motor, permanent split capacitor
AOM	Air Over Motor, three phase	HM	HVAC duty motor, three phase
AP	Subfractional Hp, PM motor	HPM	Hydraulic pump motor, three phase
B	Brake motor	IDBRPM	RPMAC Inverter Duty motor – laminated frame, TEBC
BN	Brake motor, TENV enclosure	IDCSWDM	Inverter Duty motor, paint free washdown, C-Face with base
BTG	Tachometer generator	IDDRPM	RPMAC Inverter Duty motor – laminated frame, DPG-FV
C	NEMA C-Face with base	IDFRPM	RPMAC Inverter Duty motor – laminated frame, TEFC
CBXM	General Purpose explosion proof, Brake, three phase, C-Face foot mounted	IDM	Inverter Duty motor, TEBC
CBXMN	General Purpose explosion proof, Brake, three phase, C-Face foot mounted, TENV	IDNM	Inverter Duty motor, TENV
CCPX	Severe Duty explosion proof, three phase, C-Face foot mounted	IDNRPM	RPMAC Inverter Duty motor – laminated frame, TENV
CD	Wound field DC motor NEMA C-Face with base	IDVSM	VS Master Inverter Duty motor
CDM	Dirty Duty - three phase, C-Face	IDVSNM	VS Master Inverter Duty motor, TENV
CDMG	Lifting magnet generator, C-Face	IDVSWDM	Inverter Duty motor, paint free washdown, C-Face less base
CDP	PM SCR drive motor	IDWNM	Washdown Inverter Duty motor, TENV
CDPSWD	Paint free washdown PM SCR drive motor C-Face with base	IM	Irrigation drive motor
CDPT	PM SCR drive motor with integral tachometer	IR	Instant reversing single phase farm motor
CDPWD	Washdown PM SCR drive motor NEMA C-Face with base	J	56J stainless steel threaded shaft with drip cover/jet pump
CDPX	Explosion proof PM SCR drive motor C-Face with base	JM	JM pump shaft and face
CDRX	Drill Rig Duty explosion proof, three phase, C-face foot mounted	JMXM	General purpose explosion proof, three phase, Close Coupled Pump
CDRXL	Drill Rig Duty explosion proof, single phase, C-face foot mounted	JP	JP pump shaft & face with base/close-coupled pump
CDX	Explosion proof wound Field DC motor, NEMA C-Face	JPDRX	Drill Rig Duty explosion proof, three phase, Close Coupled pump
CEL	Super-E [®] premium efficient motor, single phase, C-Face	JPM	JP pump shaft and face with base, three phase/close-coupled pump
CEM	Super-E premium efficient motor, three phase, C-Face	JS	Square flange pump mount motors with threaded shaft
CFC	Condenser fan motor, permanent split capacitor	JXL	General purpose explosion proof, single phase, jet pump
CFM	Condenser fan motor, three phase	JXM	General purpose explosion proof, three phase, jet pump
CHC	Direct drive fan motor, permanent split capacitor	K	Model 34 diameter motor with 56 C-Face, less base
CHL	Direct drive fan motor, single phase	L	Single phase motor
CHM	Direct drive fan motor, three phase	M	Three phase motor
CJWDM	Washdown jet pump, three phase, foot mounted	MM	Metric dimension motor with base
CP	Severe duty motor	MP	Metering pump motor, three phase
CPX	Severe Duty explosion proof, three phase	MVM	Metric dimension motor, flange mount less base, three phase
CR	Crusher duty motor	N	Totally enclosed non-ventilated motor
CSC	Checkout stand motor	PCL	Pressure washer motor, C-Face with base, single phase
CTM	Cooling tower motor, three phase	PFTG	Tachometer generator foot mount
CXL	General Purpose explosion proof, single phase, C-Face foot mounted	PL	Pressure washer motor, single phase
CXM	General Purpose explosion proof, three phase, C-Face foot mounted	PSC	Permanent split capacitor motor
CXT	Severe duty XT motor, C-face foot mounted	PTG	Tachometer generator
D	Wound field DC motor	R	Repulsion-start induction-run motor
DDC	Direct drive, indoor blower motor, permanent split capacitor	RBM	High cycle brake motor, three phase
DEL	Dairy/vacuum pump motor, single phase	RHM	Definite purpose HVAC motors, three phase
DM	Dirty Duty - three phase	RL	Resilient base motor (cradle mount), single phase
DRX	Drill Rig Duty explosion proof, three phase	RM	Resilient base motor (cradle mount), three phase
E	Super-E premium efficient motor	SPM	Synchronous permanent magnet motor
ECP	Super-E Severe duty motor	SSEWDM	All stainless encapsulated Super-E washdown motor, three phase
ECP6	IEEE 661 motor	SSWDM	All stainless washdown, three phase
ECP8	IEEE 841 motor	SWDM	Paint free washdown duty motor, three phase
ENCP	Super-E severe duty motor, TENV	UCC	Universal crop dryer motor, permanent split capacitor, open air over
ENCP8	IEEE 841 motor, TENV	UCCE	Universal crop dryer motor, permanent split capacitor, TEAO
F	TEFC motor (when special)	UCL	Grain dryer/vane axial fan, single phase, open air over
FDL	Farm duty motor, single phase	UCLE	Grain dryer/vane axial fan, single phase, TEAO
FDEM	Farm duty motor, three phase, premium efficient, standard NEMA frame	UCM	Grain dryer/vane axial fan, three phase, open air over
FLT	Filter kit	UCME	Grain dryer/vane axial fan, three phase, TEAO
FM	F-2 mounted motor	UH	Unit handling motor
FP	Fire pump motor	UHM	Unit handling motor, three phase
FSWDM	All stainless steel food safe washdown motor, three phase	V	NEMA C-Face less base
FSWDL	All stainless steel food safe washdown motor, single phase	V2L	Two compartment jet pump motor C-Face less base, single phase
FVB	Blower kit	VDRX	Drill Rig Duty explosion proof, three phase, C-face footless
FWDM	Washdown duty motor, TEFC, three phase	VEM	Super-E premium efficient motor, three phase, C-Face, less base
		VHECP	Super-E vertical pump motor, severe duty - normal thrust
		VHM	Vertical pump motor - normal thrust, three phase

Abbreviations

Motor Prefix (continued)

VLCP	Vertical pump motor, severe duty – medium thrust
VP	PM SCR drive motor with metric flange or C-Face
VPCP	Vertical pump motor, severe duty – high thrust
VXL	General Purpose explosion proof, single phase, C-Face footless
VXM	General Purpose explosion proof, three phase, C-Face footless
VXT	Severe duty XT motor, C-face footless
WC	West coast fit TCZ
WD	Washdown duty motor
WDBM	Washdown brake motor, three phase
XL	General purpose explosion proof, single phase
XM	General purpose explosion proof, three phase
XT	Severe duty XT motor
YPC	Yoke pedestal fan motor, permanent split capacitor
ZDBRPM	RPMAC Vector Duty motor – laminated frame, TEBC
ZDFRPM	RPMAC Vector Duty motor – laminated frame, TEFC
ZDM	Vector Duty motor, TEBC
ZDNM	Vector Duty motor, TENV
ZDNRPM	RPMAC Vector Duty motor - laminated frame, TENV
ZDPM	RPMAC permanent magnet rotor - laminated frame
ZDVSCP	VS Master severe duty Vector Duty motor
ZDVSM	VS Master Vector Duty motor
ZDVSNCP	VS Master severe duty Vector Duty motor, TENV
ZDVSNM	VS Master Vector Duty motor, TENV
ZDWNM	Washdown Vector Duty motor, TENV
ZDVSNM	VS Master Vector Duty motor, TENV
ZDWNM	Washdown Vector Duty motor, TENV

Kits & Accessories Prefix

BLW	Blower kit
BU	Bushing kit
CBL	Cable assembly
CC	Corrective capacitor bank
EN	Encoder kit
FCD	Drip cover kit
FFC	Fan cover/conduit box Kit
FL	Flange kit
RBT	Roller bearing conversion kit
RES	Resolver feedback kit
TK	Tachometer mounting kit

Motors Suffix

/35	Full 140 frame band diameter
/36	Full 180 frame band diameter
-2	120/240V field
-2/4	200/400 volt winding
-4	460 volt winding
-5	575 volt winding
-8	200 volt winding
-9	NEMA Design C high torque winding
-12	12 leads
-50	Wound for 50 hertz service
-57	230/380-415 volt winding
-58	380-415 Volt Y-start/delta-run
-277	277 volt winding
-2340	2300/4000 volt winding

Motors Suffix (continued)

-AP	Aluminum process performance
-PP	Cast iron process performance
-BG	Baldor-Reliance® shaft ground motor
-BV	Blower vented
-CI	Cast iron frame
-D	Dodge D-series brake
-DI	Dings Brake
-E	Encapsulated windings
-EX1	Ex nA
-EX2	Ex d
-EX3	Ex de
-G	Aegis shaft ground motor
-H	56H mounting
-I	Explosion-proof, 1.15 service factor
-NL	Non linear - for VFD use
-P	Partial AC motor excludes pulley endplate
-S	Dodge short-series brake
-TP	Refrigerator fan motor
A	Automatic thermal overload
C	IEC frame B14 face mount
D	IEC frame B5 flange mount
E	New electrical design
L	Long shafted motor with ball bearings that may be converted to have D.E. roller bearing.
LR	Long shafted motor with D.E. roller bearing that may be converted to ball bearings.
M	Manual thermal overload
P	Wound field DC motor NEMA “AT” frame
S	Motor has a short shaft for coupled loads
T	NEMA “T” frame dimensions
TP	Feather picker motor
TR	NEMA “T” frame - roller bearing
TS	NEMA “T” frame - short shaft
Y	Special mounting dimension

Grinders Suffix

D	Deluxe
E	Exhaust guards
W	Wide design

Single and three phase general purpose motors

Single phase and three phase general purpose motors are designed to meet or exceed the energy efficiency requirements of the United States, Canada and Mexico for general purpose industrial motors, while delivering high starting torque, overload capability and superior reliability. The extensive line of General Purpose motors are available in a wide variety of enclosure construction from industrial steel band open designs where water and dust exposure is moderate, to totally enclosed cast iron designs where exposure to water, dust and corrosives exists. Super-E® motors provide NEMA Premium efficiency and are Inverter ready with wide variable torque speed ranges as standard. For motors with features outside the capabilities below, please contact your sales representative.



Key features:

- Baldor-Reliance® motors meet or exceed all efficiency requirements for US, Canada and Mexico regulations
- Super-E® motors suitable for inverter use per NEMA MG1 Part 31.4.4.2
- Designed for longevity with a 3 year warranty on premium efficient Super-E® motors

**For Large AC General Purpose motors see
ABB NXR Series**

1/12 - 400 Horsepower

General Purpose product line		Totally enclosed (single phase)	Open (single phase)	Totally enclosed (three phase)	Open (three phase)
NEMA frame	Frame size range for stock products	42-250T	48-210T	42-500	48-449T
Hp	Horsepower NEMA	1/12 - 15	1/6 - 10	1/8 - 400	1/4 - 450
	Horsepower Large AC	-	-	350 - 1500	-
Voltage 60 Hz	115/208-230 or 115/230 volts	S	S	-	-
	200 volts	-	-	S	S
	230/460 volts	-	-	S	S
	460 volts	-	-	S	S
	575 volts	-	-	S	S
Speed	2300/4000 volts	-	-	S	A
	Speed (60 Hz)	3600, 1800 or 1200 RPM	3600, 1800 or 1200 RPM	3600, 1800, 1200 or 900 RPM	3600, 1800, 1200 or 900 RPM
Electrical features					
Efficiency	Baldor-Reliance motors meet or exceed all efficiency requirements for US, Canada and Mexico regulations	S	S	S	S
Torque	NEMA Design B torques (most ratings)	S	S	S	S
Service factor	1.15 service factor – continuous (most ratings)	S	S	S	S
& temp. rise	Class F insulation with Class B rise @ 1.0 service factor	S	S	S	S
Inverter ready	Super E® – meets NEMA MG1 Part 31.4.4.2	-	-	S	S
Electrical connection	6 Lead dual voltage connection	S	S	-	-
	9 Lead dual voltage connection	-	-	S	S
	12 Lead wye delta connection	-	-	S	S
Mechanical features					
IP code	IP22 ingress protection	-	S	-	S
	IP44 ingress protection	S	-	S	-
	IP54 ingress protection (ABB NXR Series are IP54 as standard)	A	-	A/S	-
Frame	Heavy gauge steel frame	S	S	S	S
	Cast iron frame	A	-	S	A
	Lifting provisions positioned for easy handling in the application (motors over 70 Lbs)	S	S	S	S
Bearings	High performance ball bearings designs	S	S	S	S
	Roller bearing design -TR suffix	-	-	S	A
Lubrication	Super-premium Mobil Polyrex™ EM Series grease	S	S	S	S
	Cast aluminum	S	S	S	S
Conduit box	Gasketed cast aluminum	S	-	S	A
	Gasketed cast iron frame	-	-	S	A
Nameplate	Laser etched nameplate with highly legible font	S	S	S	S
	50 Hz stamping (2, 4, 6 pole 1-125 Hp) on Super E® motors	A	A	S	A
Other key features					
Warranty	Warranty - in number of months from manufacture (NEMA Premium Super E®)	36	36	36	36
	Warranty - in number of months from manufacture	18	18	18	18

S = Standard A = Available through Mod Express or as custom

General purpose, single phase, TEFC, foot mounted

1/12 thru 15 Hp

IP44*



Features:

- Low noise vibration dampening base
- Dynamically balanced rotor to increase bearing life
- Superior switch design provides optimized torque profiles
- Robust heavy gauge steel design

Applications:

- Air handling
- Material handling
- Machine tools
- Conveyors
- Pumps
- Fans

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/12	1800	42	L3351	319	GE1	9.56	15	44	115/230	1	3, 30
	3600	42	L3352	326	GE1	9.56	15	45	115/230	1.3	3, 30
1/8	1800	42	L3353	332	GE1	9.56	16	47	115/230	1.6	3, 30
	3600	42	L3354	342	GE1	9.56	16	52	115/230	1.6	3, 30
1/6		42	L3355	362	GE1	9.56	18	51	115/230	1.8	3, 30
	1800	48	L3400	361	GE1	10.72	18	49	115/230	1.9	3, 30
	1200	48	L3401	508	GE1	10.72	23	47	115/230	2.3	3, 30
	3600	42	L3356	366	GE1	9.56	18	57	115/230	2	3, 30
		48	EL3403	452	GE1	11.35	24	74	115/230	1.3	1, 13, 65
1/4	1800	48	L3403	370	GE1	10.72	20	55	115/230	2.5	3, 30
		48	L3403M	424	GE1	10.72	11	55	115/230	2.5	3, 30
	1200	48	L3404	541	GE1	11.34	25	48	115/230	3.2	3, 30
		56	L3500	568	GE1	12.25	30	52.5	115/230	2.6	3, 30
	3600	48	L3405	337	GE1	10.72	21	55	115/208-230	3	3
		48	L3406	393	GE1	10.72	22	60	115/230	3	3, 30
		48	L3406M	446	GE1	10.72	22	60	115/230	3	3, 30
1/3	1800	56	EL3501	499	GE1	11.97	27	77	115/230	1.6	1, 13, 65
		56	L3501	380	GE1	11.34	22	60	115/230	3	3, 30
		56	L3501M	446	GE1	11.34	22	60	115/230	3	3, 30
	1200	48	L3407	595	GE1	11.34	27	54	115/230	3.7	3, 30
		56	L3502	595	GE1	11.97	28	54	115/230	3.7	3, 30
		48	L3408	381	GE1	10.73	22	66	115/230	3.5	3, 30
	3600	56	EL3503	490	GE1	11.97	23	68	115/230	2.5	12, 65
		56	L3503	381	GE1	11.35	23	66	115/230	3.5	3, 30
		48	L3409	436	GE1	11.34	26	68	115/230	3.7	3, 30
1/2		48	L3409M	524	GE1	11.34	26	68	115/230	3.7	3, 30
	1800	56	EL3504	589	GE1	11.97	30	78.5	115/230	2.3	1, 12, 65
		56	L3504	446	GE1	11.35	27	68	115/230	3.7	3, 30
		56	L3504A	533	GE1	11.97	27	68	115/230	3.7	3, 30
		56	L3504M	524	GE1	11.97	27	68	115/230	3.7	3, 30
	1200	56/56H	L3505	843	GE1	12.91	43	62.5	115/230	3.9	3, 30, 36
	3600	56	EL3506	551	GE1	11.97	29	72	115/230	3.9	12, 65
		56	L3506	429	GE1	11.97	28	66	115/230	4.8	3, 30
		56	EL3507	716	GE1	13.25	44	82.5	115/208-230	3.2	1, 12, 65
3/4		56	L3507	513	GE1	12.47	33	72	115/230	4.2	30, 65
	1800	56	L3507A	643	GE1	12.47	35	74	115/230	4.1	30, 65
		56	L3507M	615	GE1	12.47	33	74	115/230	4.1	30, 65
	1200	56/56H	L3508	976	GE1	12.93	44	73.5	115/230	3.9	2, 30, 36, 65
		143T	L3508T	960	GE1	13.29	46	73.5	115/230	3.9	2, 30, 65

(a) See notes on inside back flap.

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

General purpose, single phase, TEFC, foot mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	3600	56/56H	EL3509	636	GE1	12.93	38	74	115/208-230	4.7	12, 65
		56/56H	L3509	497	GE1	12.93	37	68	115/230	5.9	3, 30, 36
		56/56H	L3509M	562	GE1	12.93	40	66	115/230	6	3, 36
	1800	56/56H	L3510A	723	GE1	12.91	40	67	115/230	6.5	3, 30, 36
		56/56H	L3510M	698	GE1	12.93	38	67	115/230	6.5	3, 30, 36
		56/56H	EL3510	823	GE1	13.81	45	82.5	115/230	4.3	1, 36, 65
		56/56H	L3510	582	GE1	12.93	41	68	115/230	6.4	3, 30, 36
		143T	L3510T	594	GE1	13.29	39	68	115/230	6.4	3, 30
		143T	L3510TM	698	GE1	13.31	40	67	115/230	6.5	3, 30
1 1/2	3600	56/56H	L3513	666	GE1	12.93	41	70	115/230	8	3, 30, 36
		56/56H	L3513M	762	GE1	12.91	46	70	115/230	7.5	2, 3, 36
		143T	L3513T	653	GE1	13.31	43	70	115/230	8	3, 30
	1800	56/56H	L3514	672	GE1	13.81	49	80	115/230	6.2	30, 36, 65
		56/56H	L3514A	857	GE1	13.81	48	75.5	115/230	8	2, 36, 65
		56/56H	L3514M	788	GE1	13.81	51	75.5	115/208-230	8	2, 36, 65
		56/56H	EL3514	937	GE1	15.18	58	84	115/230	6.3	1, 36, 65
		145T	EL3514T	937	GE1	15.55	58	84	115/230	6.3	1, 65
		145T	L3514T	682	GE1	13.30	44	78.5	115/208-230	7	65
		145T	L3514TM	788	GE1	14.17	49	75.5	115/208-230	8	2, 65
	1200	184T	L3613T	1,782	GE1	16.56	77	73	115/230	8.2	1, 30, 65
2	3600	56/56H	L3515	850	GE1	13.79	52	74	115/230	11.5	1, 3, 30, 36
		56/56H	L3515M	890	GE1	13.79	52	74	115/230	11.5	2, 3, 36
		145T	L3515T	857	GE1	14.19	52	74	115/230	11.5	1, 3, 30
		145T	EL3515T	1,099	GE1	14.18	65	77	115/208-230	8.3	1, 65
	1800	56HZ	L3516TM	1,122	GE1	13.31	46	82.5	208-230	8.1	1, 57
		145T	L3516T	1,089	GE1	14.17	51	78.5	115/230	8.8	1, 65
		182T	L3605T	973	GE1	16.56	68	75.5	115/230	11.5	3, 30
		182T	L3605TM	1,187	GE1	16.56	73	75	115/230	11	2, 3
		182T	EL3605T	1,281	GE1	16.56	66	82.5	115/230	8.8	1, 65
		182T	EL3606T	1,196	GE1	16.56	79	82	115/230	12.4	2, 65
3	3600	182T	L3606T	1,005	GE1	16.56	74	76	115/230	14.5	1, 3, 30
		184T	EL3609T	1,495	GE1	18.06	89	85.5	230	11.8	1, 65
		1800	184T	L3609T	1,145	GE1	16.56	80	78	115/230	14
	3600	184T	L3609TM	1,239	GE1	16.54	79	78	115/230	14.5	2, 20
		184T	EL3608T	1,648	GE1	18.06	91	85	230	19.4	2, 20, 65
5		3600	184T	L3608T	1,382	GE1	18.06	88	83	230	19.5
	184T		L3608TM	1,426	GE1	18.05	89	83	230	19.5	2, 20
	184T		EL3612T	1,783	GE1	18.06	97	86.5	230	19.1	2, 20, 65
	1800	184T	L3612TM	1,440	GE1	18.05	100	80	230	23	2, 20
		213T	L3708T	1,367	GE1	19.02	116	84	230	20.5	1, 30, 65
7 1/2	3600	213T	L3708TM	1,605	GE1	19.02	135	82	230	21.5	2, 65
		213T	L3709T	1,780	GE1	17.89	123	83	230	33	2, 30, 65
		1800	215T	L3710T	1,805	GE1	19.02	134	86.5	230	29
10	3600	215T	L3711T	2,182	GE1	19.02	148	82	230	40	2, 20, 65
	1800	215T	L3712T	2,215	GE1	20.52	158	86.5	230	38	2, 20, 65
15	1800	254T	L1177T	6,308	GE1	23.28	323	86.5	230	60	2, 20, 65
		256T	L3912T	5,665	GE1	24.56	303	86.5	208-230	58	

(a) See notes on inside back flap.

Cast iron frame

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

General purpose, single phase, TEFC, C-Face

1/6 thru 10 Hp

IP44*



Features:

- Locked DE bearing to allow mounting in any configuration
- Low noise vibration dampening base
- Dynamically balanced rotor to increase bearing life
- Superior switch design provides optimized torque profiles
- Robust heavy gauge steel design

Applications:

- Gear reducers
- Material handling
- Machine tools
- Conveyors
- Pumps
- Fans

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face, foot mounted											
1/4	1800	56C	CL3403	391	GE1	11.35	20	55	115/230	2.5	3
	3600	56C	CL3405	390	GE1	11.35	21	55	115/208-230	3	3
1/3	1800	56C	CL3501	408	GE1	11.35	23	60	115/230	3	3, 30
	3600	56C	CL3503	409	GE1	11.35	23	66	115/230	3.5	3, 30
1/2	1800	56C	CL3504	477	GE1	11.35	28	68	115/230	3.7	3, 30
	3600	56C	CL3506	455	GE1	11.97	29	66	115/230	4.8	3, 30
3/4	1800	56C	CL3507	569	GE1	12.47	34	72	115/230	4.2	30, 65
	3600	56C	CL3509	526	GE1	12.25	36	68	115/230	5.9	3, 30
1	1800	56C	CL3510	642	GE1	13.25	40	68	115/230	6.4	3, 30
	3600	56C	CL3513	681	GE1	13.25	46	70	115/230	7.5	3, 30
1 1/2	1800	56C	CL3514	762	GE1	14.12	51	80	115/230	6.2	30, 65
		56C	CL3515	878	GE1	14.12	50	74	115/230	11.5	1, 3, 30
2	3600	145TC	CL3515T	885	GE1	14.19	53	74	115/230	11.5	1, 3, 30
	1800	145TC	CL3516TM	1,131	GE1	14.16	53	82.5	208-230	7.9	1
3	1800	184TC	CL3619TM	1,471	GE1	16.54	81	81.5	230	13.2	2, 20
	3600	184TC	CL3608TM	1,594	GE1	18.05	92	83	230	19.5	2, 20
5	1800	184TC	CL3612TM	1,542	GE1	18.05	102	80	230	23	2, 20
	3600	213TC	CL3709T	2,030	GE1	18.63	126	83	230	33	2, 20, 65
7.5	1800	215TC	CL3710T	2,055	GE1	19.75	127	86.5	230	29	2, 20, 30, 65
	3600	215TC	CL3711T	2,590	GE1	19.75	167	82	230	40	2, 20
10	1800	215TC	CL3712T	2,621	GE1	21.25	171	86.5	230	38	2, 20
C-Face, footless											
1/6	1800	56C	KL3400	380	GE1	11.35	19	49	115/230	1.9	3, 30
	1200	56C	KL3401	532	GE1	11.35	24	47	115/230	2.3	3, 30
1/4	1800	56C	KL3403	391	GE1	11.35	20	55	115/230	2.5	3, 30
	3600	56C	KL3405	361	GE1	11.35	24	55	115/208-230	3	3
1/3	1800	56C	VL3501	400	GE1	11.35	22	60	115/230	3	3, 30
	3600	56C	VL3503	405	GE1	11.35	23	66	115/230	3.5	3, 30
1/2	1800	56C	VL3504	468	GE1	11.35	27	68	110/220	3.7	3, 30
	1200	56C	VL3505	866	GE1	13.25	43	62.5	115/230	3.9	3, 30
		56C	VL3506	450	GE1	11.97	29	66	115/230	4.8	3, 30
3/4	3600	56C	VL3506A	497	GE1	11.97	28	66	115/230	4.8	3
	1800	56C	VL3507	536	GE1	12.47	33	72	115/230	4.2	1, 30, 65
	1200	56C	VL3508	996	GE1	13.25	44	73.5	115/230	3.9	2, 30, 65
	3600	56C	VL3509	518	GE1	12.25	36	68	115/230	5.9	3, 30
1		56C	VL3509A	566	GE1	13.25	41	66	110/220	6	3
	1800	56C	VL3510	614	GE1	13.25	40	68	115/230	6.4	3, 30
		143TC	VL3510T	614	GE1	13.29	44	68	115/230	6.4	3, 30
	3600	56C	VL3513	673	GE1	13.25	40	70	115/230	8	3, 30
1 1/2		143TC	VL3513T	715	GE1	13.31	41	70	115/230	8	3, 30
	1800	56C	VL3514	696	GE1	14.12	48	80	115/230	6.2	30, 65
		145TC	VL3514T	704	GE1	14.17	50	80	115/230	6.2	30, 65
2	3600	56C	VL3515	862	GE1	14.12	50	74	115/208-230	11.5	1, 3
		145TC	VL3515T	878	GE1	14.19	51	74	115/230	11.5	1, 3, 30
	1800	182TC	VL3605T	1,244	GE1	16.55	66	75.5	115/230	11.5	3, 30
3	3600	182TC	VL3606T	1,388	GE1	16.55	73	76	115/230	14.5	1, 3, 30
	1800	184TC	VL3609T	1,469	GE1	16.55	79	78	115/230	14	2, 20, 30, 65

(a) See notes on inside back flap. **Red** catalog number indicates **NEW** product.

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

General purpose, single phase, ODP, foot mounted

1/6 thru 10 Hp

IP22



Features:

- Low noise vibration dampening base
- Dynamically balanced rotor to increase bearing life
- Superior switch design provides optimized torque profiles
- Robust heavy gauge steel design
- Optimized airflow design providing higher horsepower in a smaller package

Applications:

- Air handling
- Material handling
- Machine tools
- Conveyors
- Pumps
- Fans

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/6	1800	48	L1200	300	G01	9.13	18	49	115/230	1.9	30
	1200	48	L1201	460	G01	9.38	23	47	115/230	2.3	30
1/4	1800	48	EL11203	412	G01	9.76	19	68.5	115/230	1.3	15
		48	EL11203M	439	G01	9.76	19	68.5	115/230	1.3	15
	1200	48	EL11204	491	G01	9.76	25	64	115/230	1.5	15
		56	EL11300	511	G01	10.13	25	64	115/230	1.5	15
1/3	3600	48	EL11205	435	G01	9.76	24	70.5	115/230	1.5	15
		48	EL11206	443	G01	9.76	27	72.4	115/230	1.7	15
	1800	48	EL11206M	470	G01	9.76	27	72.4	115/230	1.7	15
		56	EL11301	443	G01	10.13	27	72.4	115/230	1.7	15
		56	EL11301M	470	G01	10.13	27	72.4	115/230	1.7	15
	1200	48	EL11207	524	G01	9.76	27	68	115/230	1.9	15
		56	EL11302	524	G01	10.13	30	68	115/230	1.9	15
	1/2	3600	48	EL11208	463	G01	9.76	24	72.4	115/230	2.5
56			EL11303	463	G01	10.13	24	72.4	115/230	2.5	15
1800		48	EL11209	497	G01	10.63	32	76.2	115/230	2.4	15
		48	EL11209M	524	G01	10.63	32	76.2	115/230	2.2	15
		56H	EL11304	497	G01	11.00	32	76.2	115/230	2.4	15
		56	EL11304A	524	G01	11.00	32	76.2	115/230	2.3	15
1200		56H	EL11305	787	G01	11.75	46	76.2	115/230	2.2	15
3/4		3600	56H	EL11306	484	G01	11.00	39	76.2	115/230	3.3
	56		EL11306A	511	G01	11.00	39	76.2	115/230	3.3	15
	1800	56H	EL11307	592	G01	12.07	39	81.8	115/230	3.5	15
		56	EL11307A	619	G01	12.07	39	81.8	115/230	3.4	15
		56	EL11307M	619	G01	12.07	39	81.8	115/230	3.4	15
	1200	56H	EL11308	886	G01	12.62	47	80.2	115/230	3.1	15
1	3600	56H	EL11309	568	G01	12.07	43	82	115/230	3.9	15
		56	EL11309A	594	G01	12.07	43	82	115/230	3.9	15
	1800	56H	EL11318	682	G01	11.75	44	82.6	115/230	4.2	15
		56H	EL11318M	708	G01	11.75	44	82.6	115/230	4.5	15
		143T	L1318T	604	G01	12.12	43	67	115/230	6.2	30
		143T	L1318TM	630	G01	12.12	42	67	115/230	6.2	2
1 1/2	3600	56H	EL11313	645	G01	12.62	52	82	115/230	5.9	15
		56H	EL11313A	672	G01	12.62	52	82	115/230	5.9	15
	1800	143T	L1313T	572	G01	11.12	36	70	115/230	8.9	30
		56H	EL11319	812	G01	14.00	59	83.8	115/230	6.2	15
		56H	EL11319M	878	G01	14.00	59	83.8	115/230	6.2	15
		145T	EL1319T	902	G01	13.00	50	85.5	115/208-230	6.3	1, 65
1800	145T	L1319T	644	G01	12.12	42	68	115/230	9	30	
	145T	L1321T	773	G01	13.00	49	70	115/230	10.5	30	
	145T	L1321TM	839	G01	13.00	48	70	115/208-230	10.5		

(a) See notes on inside back flap.

Red catalog number indicates NEW product.

General purpose, single phase, ODP, foot mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
2	3600	56H	EL11317	713	G01	14.00	66	82.9	115/230	7.8	15
		56H	EL11317A	740	G01	14.00	66	82.9	115/230	7.8	15
		145T	L1320T	815	G01	12.12	46	71	115/230	11.5	30, 65
	1800	145T	L1322T	788	G01	13.00	49	75.5	115/208-230	10.2	65
		145T	L1322TM	858	G01	13.00	45	78.5	115/230	9.2	65
		182T	EL1405T	1,091	G01	15.87	65	82.5	115/230	8.8	1, 65
		182T	L1405T	809	G01	15.00	66	71	115/230	12	30
		182T	EL1406T	1,149	G01	15.00	70	81	115/230	12.3	65
3	3600	182T	L1406T	927	G01	15.00	65	78	115/230	14	30
		184T	EL1408T	1,142	G01	16.50	81	85.5	208-230	11.2	1, 65
	1800	184T	L1408T	876	G01	15.00	76	78	115/230	16	30, 65
		184T	L1408TM	1,030	G01	15.00	74	78	115/230	16	
		184T	EL1409T	1,364	G01	15.00	79	81.5	230	20	65
	3600	184T	L1409T	1,103	G01	15.00	79	75	230	23	30
		184T	EL1410T	1,304	G01	18.00	97	86.5	230	19.1	1, 65
		184T	L1410T	921	G01	16.50	81	82.5	230	23	1, 30, 65
5	1800	184T	L1410TM	1,253	G01	16.50	85	82.5	230	23	1, 30
		184T	L1430T	950	G01	16.55	78	84	230	20.6	1, 30, 65
		184T	L1430TM	1,253	G01	16.55	82	80	230	24	1, 30, 65
		213T	L1508T	1,367	G01	16.32	108	77	230	27	
		3600	L1509T	1,704	G01	18.37	94	82.5	230	30	1, 30, 65
	7 1/2	1800	L1510T	1,483	G01	17.45	134	85.5	230	31	30, 65
		3600	L1511T	2,149	G01	17.45	131	83	230	46	1, 30
	10	1800	L1512T	2,164	G01	17.45	132	85.5	230	39	65

(a) See notes on inside back flap.

General purpose, single phase, ODP, C-Face

1/6 thru 5 Hp

IP22



Features:

- Locked DE bearing to allow mounting in any configuration
- Low noise vibration dampening base
- Dynamically balanced rotor to increase bearing life
- Superior switch design provides optimized torque profiles
- Robust heavy gauge steel design
- Optimized airflow design providing higher horse power in a smaller package

Applications:

- Gear reducers
- Material handling
- Machine tools
- Conveyors
- Pumps
- Fans

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face, foot mounted											
1/3	1800	56C	CEL11301	473	G01	10.74	27	72.4	115/230	1.7	15
1/2	3600	56C	CEL11303	493	G01	10.74	24	72.4	115/230	2.5	15
	1800	56C	CEL11304	527	G01	11.62	32	76.2	115/230	2.4	15
3/4	1800	56C	CEL11307	622	G01	12.06	39	81.8	115/230	3.5	15
1	1800	56C	CEL11310	712	G01	12.06	44	82.6	115/230	4.2	15
3	1800	184TC	CL1408TM	1,088	G01	14.99	80	78	115/230	16	
5	1800	184TC	CL1410TM	1,312	G01	16.49	88	82.5	230	23	1, 30
C-Face, footless, drip cover											
1/6	1800	56C	KL1200	322	G01	11.22	19	49	115/230	1.9	30
1/4	1800	56C	KEL11203	442	G01	11.85	22	68.5	115/230	1.3	15
1/3	3600	56C	KEL11205	465	G01	11.85	24	70.5	115/230	1.5	15
		56C	KEL11205A	492	G01	12.66	24	70.5	115/230	1.5	15
	1800	56C	VEL11301	473	G01	11.85	27	72.4	115/230	1.7	15
		56C	VEL11301A	500	G01	11.85	27	72.4	115/230	1.7	15
1/2	3600	56C	VEL11303	493	G01	11.85	24	72.4	115/230	2.5	15
		56C	VEL11303A	520	G01	11.85	24	72.4	115/230	2.5	15
	1800	56C	VEL11304	527	G01	12.73	32	76.2	115/230	2.4	15
		56C	VEL11304A	554	G01	12.51	32	76.2	115/230	2.3	15
	1200	56C	VEL11305	817	G01	13.24	42	76.2	115/230	2.2	15
		56C	VEL11306	514	G01	14.04	39	76.2	115/230	3.3	15
3/4	3600	56C	VEL11306A	541	G01	14.04	39	76.2	115/230	3.3	15
		56C	VEL11307	622	G01	13.22	44	81.8	115/230	3.5	15
	1800	56C	VEL11307A	649	G01	12.75	39	81.8	115/230	3.4	15
		56C	VEL11308	916	G01	14.12	47	80.2	115/230	3.1	15
1	3600	56C	VEL11309	598	G01	12.06	43	82	115/230	3.9	15
		56C	VEL11309A	625	G01	12.06	43	82	115/230	3.9	15
	1800	56C	VEL11318	712	G01	13.24	44	82.6	115/230	4.2	15
		56C	VEL11318A	739	G01	12.75	44	82.6	115/230	4.2	15
1 1/2	3600	56C	VEL11313	676	G01	14.10	52	82	115/230	5.9	15, 30
		56C	VEL11313A	703	G01	14.10	52	82	115/230	5.9	15
	1800	56C	VEL11319	842	G01	15.50	59	83.8	115/230	6.2	15
		145TC	VL1321T	796	G01	14.17	48	70	115/230	10.5	30
2	3600	56C	VEL11317	743	G01	15.47	66	82.9	115/230	7.8	15
		56C	VEL11317A	770	G01	15.47	66	82.9	115/230	7.8	15
	1800	145TC	VL1322T	811	G01	14.18	49	75.5	115/230	10.2	65
3	3600	182TC	VL1406T	985	G01	15.18	61	75.5	115/230	13.6	30, 65
	1800	184TC	VL1408T	997	G01	16.55	78	78	115/230	16	30, 65

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

General purpose, three phase, totally enclosed, foot mounted

1/8 thru 400 Hp

IP44*



Features:

- 60 Hz designs with 50 Hz information on 2,4,6 pole 1-125 Hp ratings
- 2,4,6,8 pole
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2 unless note 38 is indicated
- Simple F1 to F2 conversion on cast iron frames
- Designed for longevity with a 3 year warranty on premium efficient Super-E® motors

Applications:

- Fans
- Pumps
- Blowers
- Conveyors
- Compressors
- Industrial machines
- Other general purpose applications

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	
230/460 volts													
1/8	1800	42	TEFC	M3353	376	GE3	9.56	16	44	230/460	0.5	30, 38	
1/6	1800	42	TEFC	M3355	426	GE3	9.56	17	62	230/460	0.6	13, 30, 38	
	1200	48	TEFC	M3452	439	GE3	10.73	17	57.5	230/460	0.6	13, 30, 38	
1/4	1800	48	TEFC	M3454	311	GE3	10.73	19	64	230/460	0.7	13, 30, 38	
		48	TENV	NM3454	326	GE3	9.62	20	68	230/460	0.5	1, 13, 30, 38	
		56	TENV	NM3454/35	524	GE3	11.06	28	80	230/460	0.4	1, 30, 48	
	1200	48	TEFC	M3455	489	GE3	10.73	18	68	230/460	0.7	13, 30, 38	
		48	TENV	NM3455	450	GE3	9.62	19	68	230/460	0.7	30, 38	
		56	TEFC	M3531	484	GE3	11.35	23	68	230/460	0.7	13, 30, 38	
	900	56	TEFC	M3532	705	GE3	12.23	28	57.5	208-230/460	0.8	13	
1/3	3600	48	TENV	M3457	316	GE3	9.62	20	72	230/460	0.7	13, 30, 38	
	1800	48	TEFC	M3458	379	GE3	10.73	21	68	230/460	0.8	13, 30, 38	
		56	TEFC	M3534	340	GE3	11.35	21	68	230/460	0.8	13, 30, 38	
		56	TENV	NM3534	365	GE3	10.25	23	70	230/460	0.7	1, 13, 30, 38	
	1200	56	TEFC	M3535	544	GE3	11.35	22	70	230/460	0.9	13, 30, 38	
	900	56	TEFC	M3536	768	GE3	12.23	29	59.5	208-230/460	1	13	
	3600	48	TEFC	M3460	366	GE3	10.73	19	68	230/460	1	12, 30, 38	
		56	TEFC	M3537	366	GE3	11.35	19	68	230/460	1	12, 30, 38	
	1/2	1800	48	TEFC	M3461	444	GE3	10.73	22	74	230/460	1	12, 30, 38
			56	TEFC	EM3538	586	GE3	12.23	29	82.5	230/460	0.8	1, 30
56			TEFC	M3538	389	GE3	11.35	23	74	230/460	1	12, 30, 38	
56			TEFC	M3538/35	501	GE3	12.23	25	72	208-230/460	1.1	1, 48	
56			TENV	NM3538	423	GE3	10.88	25	75.5	230/460	0.9	1, 12, 30, 38	
56			TENV	NM3538/35	511	GE3	11.06	27	80	230/460	0.8	1, 30, 48	
1200		56	TEFC	M3539	586	GE3	11.35	24	72	230/460	1.2	30, 38	
		56	TENV	NM3539	644	GE3	12.06	40	78.5	230/460	1	30	
900		56H	TEFC	M3560	862	GE3	12.91	38	70	208-230/460	1.3	36	
3/4	3600	48	TEFC	M3463	403	GE3	10.73	21	74	230/460	1.3	12, 30, 38	
		56	TEFC	M3541	403	GE3	11.35	21	74	230/460	1.3	12, 30, 38	
	1800	48	TEFC	M3464	480	GE3	10.73	25	75.5	208-230/460	1.5	12, 38	
		56	TEFC	M3542	370.24	GE3	11.35	25	75.5	208-230/460	1.5	12, 38	
		56	TENV	NM3542	455	GE3	11.06	29	78.5	230/460	1.4	1, 12, 30	
	1200	56	TEFC	M3543	598	GE3	12.84	32	77	208-230/460	1.5	38	
		143T	TEFC	M3543T	598	GE3	13.41	33	77	208-230/460	1.5	38	
	900	145T	TEFC	M3562T	1,096	GE3	14.19	51	72	208-230/460	1.6	1, 30	

(a) See notes on inside back flap.

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

For larger Hp motors, please refer to the "Large AC" section of the catalog.

General purpose, three phase, totally enclosed, foot mounted

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volts (continued)												
1	3600	56	TEFC	EM3545	641	GE3	12.25	37	77	230/460	1.4	1, 12, 30
		56	TEFC	EM3546	655	GE3	12.23	35	85.5	230/460	1.5	1, 30
		56	TENV	ENM3546	738	GE3	12.06	39	85.5	230/460	1.5	1, 30
	1800	143T	TEFC	EM3546T	655	GE3	12.31	35	85.5	230/460	1.5	1, 30
		143T	TEFC	EM3581T	913	GE3	12.53	51	85.5	230/460	1.5	1, 30
		143T	TENV	ENM3546T	738	GE3	12.12	39	85.5	230/460	1.5	1, 30
	1200	56	TEFC	EM3556	846	GE3	13.23	42	82.5	230/460	1.8	1, 30
		145T	TEFC	EM3556T	846	GE3	13.31	42	82.5	230/460	1.8	1, 30
		145T	TEFC	EM3582T	1,023	GE3	12.53	56	82.5	230/460	1.7	1, 30
	900	182T	TEFC	EM3617T	1,393	GE3	16.54	65	75.5	230/460	2.3	1, 30
1 1/2	3600	56	TEFC	EM3550	726	GE3	12.25	35	84	230/460	1.9	1, 30
		143T	TEFC	EM3550T	726	GE3	12.31	36	84	230/460	1.9	1, 30
		143T	TEFC	EM3583T	966	GE3	12.53	52	84	230/460	1.9	1, 30
	1800	56	TEFC	EM3554	728	GE3	13.23	40	86.5	230/460	2.2	1, 30
		145T	TEFC	EM3554T	728	GE3	13.31	41	86.5	230/460	2.2	1, 30
		145T	TEFC	EM3584T	947	GE3	12.53	57	86.5	230/460	2.3	1, 30
	1200	145T	TENV	ENM3554T	820	GE3	13.00	50	86.5	230/460	2.1	1, 30
		182T	TEFC	EM3607T	989	GE3	16.55	73	87.5	230/460	2.4	1, 30
		182T	TEFC	EM3667T	1,217	GE3	15.24	93	87.5	230/460	2.5	1, 30
	900	184T	TEFC	EM3618T	1,650	GE3	18.04	82	78.5	230/460	3	1, 30
2	3600	56	TEFC	EM3555	795	GE3	13.25	42	85.5	230/460	2.5	1, 30
		145T	TEFC	EM3555T	795	GE3	13.29	43	85.5	230/460	2.5	1, 30
		145T	TEFC	EM3586T	1,014	GE3	12.55	59	85.5	230/460	2.5	1, 30
	1800	56	TEFC	EM3558	770	GE3	13.23	46	86.5	230/460	2.9	1, 30
		145T	TEFC	EM3558T	770	GE3	13.31	45	86.5	230/460	2.9	1, 30
		145T	TEFC	EM3587T	993	GE3	12.53	58	86.5	230/460	2.9	1, 30
	1200	184T	TEFC	EM3614T	1,037	GE3	18.05	93	88.5	230/460	3.5	1, 30
		184T	TEFC	EM3664T	1,237	GE3	15.24	109	88.5	230/460	3.2	1, 30
	900	213T	TEFC	EM3702T	2,089	GE3	17.89	110	84	230/460	3.5	1, 30
3	3600	56H	TEFC	EM3559	871	GE3	13.79	50	86.5	230/460	3.6	1, 30
		145T	TEFC	EM3559T	871	GE3	14.17	49	86.5	230/460	3.6	1, 30
		182T	TEFC	EM3610T	882	GE3	15.14	50	86.5	230/460	3.6	1, 30
	1800	182T	TEFC	EM3660T	1,096	GE3	15.24	84	86.5	230/460	3.8	1, 30
		182T	TEFC	EM3611T	790	GE3	16.55	73	89.5	230/460	4.2	1, 30
		182T	TEFC	EM3661T	1,127	GE3	15.24	97	89.5	230/460	4.1	1, 30
	1200	213T	TEFC	EM3704T	1,349	GE3	19.02	134	89.5	230/460	4.6	1, 30
		213T	TEFC	EM3764T	1,541	GE3	18.45	173	89.5	230/460	4.5	1, 30
	900	215T	TEFC	EM3705T	2,283	GE3	19.01	111	86.5	230/460	5.2	1, 30
5	3600	184T	TEFC	EM3613T	978	GE3	16.55	75	88.5	230/460	5.9	1, 30
		184T	TEFC	EM3663T	1,349	GE3	15.24	99	88.5	230/460	5.8	1, 30
		184T	TEFC	EM3615T	816	GE3	18.05	93	89.5	230/460	6.7	1, 30
	1800	184T	TEFC	EM3665T	1,153	GE3	15.24	107	89.5	230/460	6.6	1, 30
		215T	TEFC	EM3708T	1,524	GE3	19.77	154	89.5	230/460	7.3	1, 30
		215T	TEFC	EM3768T	1,788	GE3	18.45	195	89.5	230/460	7.4	1, 30
	900	254T	TEFC	EM2280T	3,633	GE3	23.28	256	86.5	230/460	7.9	1, 30
	3600	184T	TEFC	EM3616T	1,290	GE3	18.05	98	89.5	230/460	8.4	1, 30
		213T	TEFC	EM3709T	1,465	GE3	17.89	116	89.5	230/460	9	1, 30
		213T	TEFC	EM3769T	1,561	GE3	18.45	165	89.5	230/460	9	1, 30
7 1/2	1800	213T	TEFC	EM3710T	1,177	GE3	19.02	128	91.7	230/460	9.4	1, 30
		213T	TEFC	EM3770T	1,504	GE3	18.45	170	91.7	230/460	9.5	1, 30
	1200	254T	TEFC	EM2276T	2,549	GE3	23.28	278	91	230/460	11	1, 30
	900	256T	TEFC	EM2401T	4,006	GE3	23.28	320	86.5	230/460	12.2	1, 30
	3600	215T	TEFC	EM3711T	1,485	GE3	17.89	120	90.2	230/460	11.8	1, 30
		215T	TEFC	EM3771T	1,830	GE3	18.45	182	90.2	230/460	11.8	1, 30
	1800	215T	TEFC	EM3714T	1,329	GE3	20.52	162	91.7	230/460	12	1, 30
		215T	TEFC	EM3774T	1,687	GE3	18.45	191	91.7	230/460	12.2	1, 30
	1200	256T	TEFC	EM2332T	2,909	GE3	23.28	290	91	230/460	14.1	1, 30
	900	284T	TEFC	EM2402T	4,651	GE3	27.76	391	89.5	230/460	14.6	1, 30

(a) See notes on inside back flap.

Cast iron frame

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

For larger Hp motors, please refer to the "Large AC" section of the catalog.

For more information visit baldor.com or new.abb.com/motors-generators

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

General purpose, three phase, totally enclosed, foot mounted

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volts (continued)												
15	3600	215T	TEFC	EM3713T	2,095	GE3	20.52	172	91	230/460	17	1, 30
		254T	TEFC	EM2394T	2,520	GE3	23.28	241	91	230/460	17.5	1, 30
	1800	254T	TEFC	EM2333T	2,047	GE3	23.28	270	92.4	230/460	18.1	1, 30
	1200	284T	TEFC	EM4100T	3,880	GE3	27.76	391	91.7	230/460	21	1, 30
	900	286T	TEFC	EM2395T	6,468	GE3	27.76	455	89.5	230/460	23	1, 30
20	3600	256T	TEFC	EM4106T	2,766	GE3	23.28	262	91	230/460	23	1, 30
	1800	256T	TEFC	EM2334T-12	3,142	GE3	23.28	291	93	230/460	23	1, 30
		256T	TEFC	EM2334T	2,482	GE3	23.28	289	93	230/460	24	1, 30
	1200	286T	TEFC	EM4102T	5,166	GE3	27.76	399	91.7	230/460	27	1, 30
	900	324T	TEFC	EM4112T	7,355	GE3	30.28	534	90.2	230/460	35	1, 30
25	3600	256T	TEFC	EM4118T	3,226	GE3	23.28	305	91.7	230/460	29	1, 30
		284TS	TEFC	EM4107T	3,609	GE3	24.70	327	91.7	230/460	29	1, 30
	1800	284T	TEFC	EM4103T	3,246	GE3	27.76	388	93.6	230/460	30	1, 30
		284T	TEFC	EM4103T-12	4,206	GE3	27.56	402	93.6	230/460	30	1, 25, 30
	1200	324T	TEFC	EM4111T	5,845	GE3	30.39	445	93	230/460	32	1, 30
30	900	326T	TEFC	EM4116T	9,084	GE3	30.28	578	90.2	230/460	37	1, 30
	3600	286TS	TEFC	EM4108T	4,288	GE3	24.70	347	91.7	230/460	34	1, 30
		286T	TEFC	EM4104T	3,850	GE3	27.76	430	93.6	230/460	38	1, 30
	1800	286T	TEFC	EM4104T-12	4,887	GE3	27.76	425	93.6	230/460	36	1, 25
	1200	326T	TEFC	EM4117T	6,753	GE3	30.28	604	93	230/460	39	1, 30
40	900	364T	TEFC	EM4338T	10,102	GE3	33.44	813	92.4	230/460	39.3	1, 30
	3600	324TS	TEFC	EM4109T	5,877	GE3	28.78	551	92.4	230/460	46	1, 30
	1800	324T	TEFC	EM4110T	5,035	GE3	30.28	570	94.1	230/460	48	1, 30
		324T	TEFC	EM4110T-12	6,524	GE3	30.28	601	94.1	230/460	48	1, 25, 30
	1200	364T	TEFC	EM4308T	8,414	GE3	33.48	899	94.1	230/460	49.4	1, 30
50	900	364T	TEFC	EM4348T	12,530	GE3	33.48	875	93	230/460	52	1, 30
	3600	326TS	TEFC	EM4114T	6,429	GE3	28.78	575	93	230/460	56	1, 30
	1800	326T	TEFC	EM4115T	5,501	GE3	30.28	650	94.5	230/460	58	1, 30
		326T	TEFC	EM4115T-12	7,050	GE3	30.28	652	94.5	230/460	58	1, 25
	1200	365T	TEFC	EM4115TS	6,199	GE3	28.78	639	94.5	230/460	58	1, 30
60	900	405T	TEFC	EM4312T	10,167	GE3	33.48	902	94.1	230/460	61.7	1, 30
	3600	364TS	TEFC	EM4458T	15,386	GE3	38.20	1216	93	230/460	63	1, 30
		364T	TEFC	EM4310T	9,032	GE3	31.36	810	95	230/460	65.1	1
	1800	364T	TEFC	EM4314T	7,937.91	GE3	33.48	912	95	230/460	67.8	1, 30
		364T	TEFC	EM4314T-12	10,257	GE3	33.48	850	95	230/460	68	1, 25
75	3600	364TS	TEFC	EM4314TS	8,919	GE3	31.36	907	95	230/460	68	1, 30
		404T	TEFC	EM4403T	12,341	GE3	38.04	1187	95	230/460	69	1
	900	405T	TEFC	EM4468T	17,769	GE3	38.20	1216	93	230/460	76	1
	3600	365TS	TEFC	EM4313T	10,507	GE3	31.36	980	94.5	230/460	80.7	1
		365T	TEFC	EM4316T	9,281.81	GE3	33.48	955	95.4	230/460	84.9	1, 30
100	1800	365T	TEFC	EM4316T-12	11,994	GE3	33.48	955	95.4	230/460	85.9	1, 25
		365TS	TEFC	EM4316TS	10,429	GE3	31.36	946	95.4	230/460	85.9	1
	1200	405T	TEFC	EM4404T	14,371	GE3	38.04	1229	94.5	230/460	86.8	1
	3600	405TS	TEFC	EM4402T-4	13,434	GE3	35.04	1187	95	460	110	1, 25
		405T	TEFC	EM4400T	11,494	GE3	38.04	1203	95.4	230/460	112	1
125	1800	405T	TEFC	EM4400T-12	14,895	GE3	38.04	1211	95.4	230/460	112	1, 25
		405TS	TEFC	EM4400TS	12,952	GE3	35.04	1206	95.4	230/460	112	1
	1200	444T	TEFC	EM4409T-4	17,345	GE3	44.75	1828	95	460	119	1
	3600	444TS	TEFC	EM4412T-4	16,605	GE3	40.83	1901	95	460	137	1
		444T	TEFC	EM4410T-4	14,296.37	GE3	44.75	1969	95.4	460	144	1, 25
150	1800	444TS	TEFC	EM4410TS-4	16,033	GE3	41.08	2001	95.4	460	144	1
		444T	TEFC	EM4410TR-4	17,261	GE3	44.75	1988	95.4	460	144	1, 5
	1200	445T	TEFC	EM4411T-4	20,405	GE3	44.75	2073	95	460	146	1, 25
	3600	445TS	TEFC	EM4413T-4	19,538	GE3	41.08	1995	95	460	164	1
		445T	TEFC	EM4406T-4	16,367	GE3	44.75	1826	95.8	460	169	1, 25
Farm duty	1800	445TS	TEFC	EM4406TS-4	18,443	GE3	41.08	2071	95.8	460	169	1
		445T	TEFC	EM4406TR-4	19,671	GE3	44.75	1826	95.8	460	169	1, 5, 25
	1200	447T	TEFC	EM44156T-4	23,372	GE3	48.24	2571	95.8	460	170	1, 25

(a) See notes on inside back flap.

Cast iron frame

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

For larger Hp motors, please refer to the "Large AC" section of the catalog.

General purpose, three phase, totally enclosed, foot mounted

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volts (continued)												
200	3600	447TS	TEFC	EM4416T-4	23,416	GE3	44.48	2355	95.4	460	216	1
		447T	TEFC	EM4407T-4	23,119	GE3	48.24	2497	96.2	460	223	1, 25
	1800	447TS	TEFC	EM4407TS-4	23,119	GE3	44.48	2487	96.2	460	223	1
		447T	TEFC	EM4407TR-4	24,347	GE3	48.24	2531	96.2	460	223	1, 5
	1200	449T	TEFC	EM44206T-4	28,836	GE3	53.24	3017	95.8	460	225	1
250	3600	449TS	TEFC	EM44252T-4	36,462	GE3	49.48	2595	95.8	460	268	1
		447T	TEFC	EM4408T-4	30,317	GE3	53.22	2888	96.2	460	276	1, 25
	1800	447T	TEFC	EM4408TR-4	31,545	GE3	53.22	2888	96.2	460	276	1, 5
		447TS	TEFC	EM4408TS-4	30,317	GE3	59.47	2888	96.2	460	276	1, 25
	1200	449T	TEFC	EM44256T-4	42,159	GE3	53.22	3125	95.8	460	285	1, 25
300	3600	449TS	TEFC	EM44302T-4	52,899	GE3	49.47	2595	95.8	460	324	1
	1800	449T	TEFC	EM44304T-4	41,654	GE3	53.24	2888	96.2	460	327	1
		449TS	TEFC	EM44304TS-4	41,654	GE3	49.47	2888	96.2	460	327	1
	1200	449T	TEFC	EM44306T-4	50,016	GE3	60.21	3683	95.8	460	340	1
350	3600	449TS	TEFC	EM44352T-4	63,494	GE3	49.47	2855	96.2	460	375	1
	1800	449T	TEFC	EM44354T-4	50,140	GE3	53.24	3027	96.2	460	392	1
		449TS	TEFC	EM44354TS-4	50,140	GE3	49.47	3027	96.2	460	392	1
400	3600	449TS	TEFC	EM44402T-4	74,283	GE3	49.47	3149	95.8	460	424	
	1800	449T	TEFC	EM44404T-4	62,429	GE3	60.21	3680	96.2	460	436	
200 volts												
1	1800	143T	TEFC	EM3546T-8	738	GE3	12.31	35	85.5	200	3.5	1, 68
1 1/2	1800	145T	TEFC	EM3554T-8	820	GE3	13.31	43	86.5	200	5	1, 68
2	1800	145T	TEFC	EM3558T-8	867	GE3	13.31	46	86.5	200	6.7	1, 68
3	3600	182T	TEFC	EM3660T-8	1,096	GE3	15.24	82	86.5	200	8.8	1, 68
		182T	TEFC	EM3661T-8	1,127	GE3	15.24	96	89.5	200	9.5	1, 68
	1800	182T	TEFC	EM3611T-8	890	GE3	16.55	72	89.5	200	9.7	1, 68
5	3600	184T	TEFC	EM3663T-8	1,349	GE3	15.24	99	88.5	200	13.3	1, 68
		184T	TEFC	EM3665T-8	1,153	GE3	15.24	108	89.5	200	15.1	1, 68
	1800	184T	TEFC	EM3615T-8	919	GE3	18.04	93	89.5	200	15.2	1, 68
7 1/2	3600	213T	TEFC	EM3769T-8	1,561	GE3	18.45	155	89.5	200	21	1, 68
		213T	TEFC	EM3770T-8	1,504	GE3	18.45	170	91.7	200	21.4	1, 68
	1800	213T	TEFC	EM3710T-8	1,326	GE3	19.01	127	91.7	200	21.6	1, 68
10	3600	215T	TEFC	EM3771T-8	1,830	GE3	18.45	182	90.2	200	26.8	1, 68
		215T	TEFC	EM3774T-8	1,687	GE3	18.45	189	91.7	200	28	1, 68
	1800	215T	TEFC	EM3714T-8	1,497	GE3	19.78	165	91	200	28.9	1, 68
15	3600	254T	TEFC	EM2394T-8	2,520	GE3	23.28	240	91	200	40	1, 68
	1800	254T	TEFC	EM2333T-8	2,306	GE3	23.28	255	92.4	200	42.4	1, 30, 68
20	3600	256T	TEFC	EM4106T-8	2,766	GE3	23.28	242	91	200	52	1, 24, 69
	1800	256T	TEFC	EM2334T-8	2,796	GE3	23.28	292	93	200	55.2	1, 24, 30, 69
25	3600	284TS	TEFC	EM4107T-8	3,609	GE3	24.70	305	91.7	200	65	1, 24, 69
	1800	284T	TEFC	EM4103T-8	3,657	GE3	27.76	382	93.6	200	68.4	1, 24, 69
30	3600	286TS	TEFC	EM4108T-8	4,288	GE3	24.70	324	91.7	200	76	1, 24, 69
	1800	286T	TEFC	EM4104T-8	4,338	GE3	27.76	413	93.6	200	84	1, 24, 69
40	1800	324T	TEFC	EM4110T-8	5,673	GE3	30.28	576	94.1	200	111	1, 24, 69
50	1800	326T	TEFC	EM4115T-8	6,199	GE3	30.28	621	94.5	200	131	1, 24, 69
575 volts												
1/3	1800	56	TEFC	M3534-5	340	GE3	11.35	20	68	575	0.6	1, 13, 38
1/2	3600	56	TEFC	M3537-5	366	GE3	11.35	19	68	575	0.8	1, 12, 38
	1800	56	TEFC	M3538-5	389	GE3	11.35	22	74	575	0.8	1, 12, 38
	1200	56	TEFC	M3539-5	586	GE3	11.35	23	72	575	1	1, 12, 38
3/4	3600	56	TEFC	M3541-5	403	GE3	11.35	21	74	575	1	1, 12, 38
	1800	56	TEFC	M3542-5	416	GE3	11.35	26	75.5	575	1.2	1, 12, 38
		56H	TEFC	M3543-5	598	GE3	12.84	33	77	575	1.2	38
	1200	143T	TEFC	M3543T-5	598	GE3	13.41	34	77	575	1.2	1, 38
	3600	56	TEFC	EM3545-5	641	GE3	11.97	27	77	575	1.2	12
1	1800	56	TEFC	EM3546-5	655	GE3	12.23	38	85.5	575	1.2	1
		143T	TEFC	EM3546T-5	655	GE3	12.31	34	85.5	575	1.2	1
	1200	56H	TEFC	EM3556-5	846	GE3	12.91	41	82.5	575	1.4	
		145T	TEFC	EM3556T-5	846	GE3	13.31	40	82.5	575	1.4	1

(a) See notes on inside back flap.  Cast iron frame

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

For larger Hp motors, please refer to the "Large AC" section of the catalog.

For more information visit baldor.com or new.abb.com/motors-generators

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

General purpose, three phase, totally enclosed, foot mounted

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
575 volts (continued)												
1 1/2	3600	143T	TEFC	EM3550T-5	726	GE3	12.29	36	84	575	1.5	1
	1800	145T	TEFC	EM3554-5	728	GE3	13.23	41	86.5	575	1.8	1
		145T	TEFC	EM3554T-5	728	GE3	13.31	42	86.5	575	1.8	1
	1200	182T	TEFC	EM3607T-5	989	GE3	16.55	73	87.5	575	1.9	1
2	3600	56H	TEFC	EM3555-5	795	GE3	12.91	41	85.5	575	2	
	145T	TEFC	EM3555T-5	795	GE3	13.29	43	85.5	575	2	1	
		1800	56H	TEFC	EM3558-5	770	GE3	12.91	45	86.5	575	2.3
	145T	TEFC	EM3558T-5	770	GE3	13.31	46	86.5	575	2.3	1	
1200	184T	TEFC	EM3614T-5	1,037	GE3	18.05	90	88.5	575	2.8		
3	3600	56H	TEFC	EM3559-5	871	GE3	13.79	50	86.5	575	2.9	1
		145T	TEFC	EM3559T-5	871	GE3	14.17	60	86.5	575	2.9	1
	1800	182T	TEFC	EM3610T-5	882	GE3	15.16	56	86.5	575	2.9	1
		182T	TEFC	EM3611T-5	790	GE3	16.55	73	89.5	575	3.3	1
	182T	TEFC	EM3661T-5	1,127	GE3	15.24	97	89.5	575	3.3	1	
		1200	213T	TEFC	EM3704T-5	1,349	GE3	19.01	129	89.5	575	3.7
5	3600	184T	TEFC	EM3613T-5	978	GE3	16.54	75	88.5	575	4.7	1
	1800	184T	TEFC	EM3615T-5	816	GE3	18.05	89	89.5	575	5.3	1
		184T	TEFC	EM3665T-5	1,153	GE3	15.24	108	89.5	575	5.3	1
	1200	215T	TEFC	EM3708T-5	1,524	GE3	19.76	154	89.5	575	5.8	1
7 1/2	3600	184T	TEFC	EM3616T-5	1,290	GE3	18.05	98	89.5	575	6.8	1
		213T	TEFC	EM3709T-5	1,465	GE3	17.89	115	89.5	575	7	1
	1800	213T	TEFC	EM3710T-5	1,177	GE3	19.02	123	91.7	575	7.6	1
		213T	TEFC	EM3770T-5	1,504	GE3	18.45	170	91.7	575	7.5	1
10	3600	215T	TEFC	EM3711T-5	1,485	GE3	17.89	119	90.2	575	9.5	1
	1800	215T	TEFC	EM3714T-5	1,329	GE3	20.52	165	91.7	575	9.6	1
		215T	TEFC	EM3774T-5	1,687	GE3	18.45	185	91.7	575	9.8	1
15	3600	215T	TEFC	EM3713T-5	2,095	GE3	20.52	169	91	575	13.6	1
		254T	TEFC	EM2394T-5	2,520	GE3	23.28	245	91	575	14.1	1
	1800	254T	TEFC	EM2333T-5	2,047	GE3	23.28	258	92.4	575	14.6	1
20	3600	256T	TEFC	EM4106T-5	2,766	GE3	23.28	252	91	575	18.2	1
	1800	256T	TEFC	EM2334T-5	2,482	GE3	23.28	290	93	575	19.2	1
25	3600	284TS	TEFC	EM4107T-5	3,609	GE3	24.70	335	91.7	575	22	1
	1800	284T	TEFC	EM4103T-5	3,246	GE3	27.76	380	93.6	575	24	1
30	3600	286TS	TEFC	EM4108T-5	4,288	GE3	24.70	331	91.7	575	26.5	1
	1800	286T	TEFC	EM4104T-5	3,850	GE3	27.76	408	93.6	575	29	1
40	3600	324TS	TEFC	EM4109T-5	5,877	GE3	28.78	522	92.4	575	37	1
	1800	324T	TEFC	EM4110T-5	5,035	GE3	30.28	575	94.1	575	39	1
50	3600	326TS	TEFC	EM4114T-5	6,429	GE3	28.78	574	93	575	45	1
	1800	326T	TEFC	EM4115T-5	5,501	GE3	30.28	623	94.5	575	46	1
60	1800	364T	TEFC	EM4314T-5	7,937.91	GE3	33.48	919	95	575	54.4	1
75	1800	365T	TEFC	EM4316T-5	9,281.81	GE3	33.48	958	95.4	575	68.7	1
100	1800	405T	TEFC	EM4400T-5	11,494	GE3	38.04	1208	95.4	575	89.6	1
125	1800	444T	TEFC	EM4410T-5	14,228	GE3	44.75	1669	95.4	575	115	1
		444T	TEFC	EM4410T-5E	16,033	GE3	44.62	1626	95.8	575	111	1, 56, 100
150	1800	445T	TEFC	EM4406T-5	16,367	GE3	44.75	2151	95.8	575	135	1
		445T	TEFC	EM4406T-5E	16,367	GE3	44.62	1770	96.2	575	132	1, 56, 100

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates **NEW** product.

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

For larger Hp motors, please refer to the "Large AC" section of the catalog.

General purpose, three phase, totally enclosed, C-Face, foot mounted

1/4 thru 100 Hp

IP44*



Features:

- Locked DE bearing to allow mounting in any configuration
- 60 Hz designs with 50 Hz information on 2,4,6 pole 1-125 Hp ratings
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2 unless note 38 is indicated
- Simple F1 to F2 conversion on cast iron frames
- Designed for longevity with a 3 year warranty on premium efficient Super-E® motors

Applications:

- Fans
- Pumps
- Blowers
- Conveyors
- Compressors
- Industrial machines
- Other general purpose applications

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	
230/460 volts													
1/4	1800	56C	TENV	CNM3454/35	524	GE3	11.06	31	80	230/460	0.4	1, 30, 48	
	1200	56C	TENV	CNM3531	666	GE3	11.06	31	68	208-230/460	0.5	13	
1/3	3600	56C	TENV	CNM3457	385	GE3	10.25	21	72	208-230/460	0.7	30, 38	
	1800	56C	TEFC	CM3534	335	GE3	11.35	21	68	230/460	0.8	13, 30, 38	
1/2	3600	56C	TEFC	CM3537	392	GE3	11.35	20	68	230/460	1	12, 30, 38	
	1800	56C	TEFC	CM3538	371	GE3	11.35	23	74	230/460	1	12, 30, 38	
		56C	TENV	CNM3538/35	536	GE3	11.06	28	80	230/460	0.8	1, 30, 48	
	1200	56C	TEFC	CM3539	612	GE3	11.35	23	72	230/460	1.2	12, 30, 38	
	56C	TENV	CNM3539	654	GE3	12.06	40	78.5	230/460	1	30		
		56C	TEFC	CM3541	428	GE3	11.35	22	74	230/460	1.3	12, 30, 38	
3/4	3600	56C	TEFC	CM3542	394	GE3	11.35	26	75.5	208-230/460	1.5	12, 38	
	1800	56C	TENV	CNM3542	481	GE3	11.06	31	78.5	230/460	1.4	30	
		56C	TEFC	CM3543	624	GE3	12.85	23	77	208-230/460	1.5	30, 38	
	3600	56C	TEFC	CEM3545	669	GE3	12.25	33	77	230/460	1.4	1, 12, 30	
1	1800	56C	TEFC	CEM3546	766	GE3	12.23	36	85.5	230/460	1.4	1, 30	
		56C	TENV	CENM3546	766	GE3	11.06	38	85.5	230/460	1.5	30	
		143TC	TEFC	CEM3546T	689	GE3	13.29	36	85.5	230/460	1.5	1, 30	
		143TC	TEFC	CEM3581T	978	GE3	13.03	54	85.5	230/460	1.5	1, 30	
	1200	56C	TEFC	CEM3556	874	GE3	13.23	41	82.5	230/460	1.8	30	
		143TC	TEFC	CEM3556T	884	GE3	13.29	43	82.5	230/460	1.8	1, 30	
	3600	56C	TEFC	CEM3550	754	GE3	13.25	37	84	230/460	1.9	1, 30	
		143TC	TEFC	CEM3550T	764	GE3	13.29	40	84	230/460	1.9	1, 30	
1 1/2		143TC	TEFC	CEM3583T	1,031	GE3	13.05	55	85.5	230/460	2	1, 30	
		1800	145TC	TEFC	CEM3554T	762	GE3	13.29	42	86.5	230/460	2.2	1, 30
	145TC		TEFC	CEM3584T	1,012	GE3	13.03	60	86.5	230/460	2.3	1, 30	
	1200	182TC	TEFC	CEM3607T	1,061	GE3	16.55	77	87.5	230/460	2.4	1, 30	
	3600	56C	TEFC	CEM3555	823	GE3	13.25	46	85.5	230/460	2.5	1, 30	
		145TC	TEFC	CEM3555T	833	GE3	13.29	44	85.5	230/460	2.5	1, 30	
2		145TC	TEFC	CEM3586T	1,079	GE3	13.03	60	85.5	230/460	2.5	1, 30	
		1800	56C	TEFC	CEM3558	895	GE3	13.23	46	86.5	230/460	2.9	1, 30
	145TC		TEFC	CEM3558T	804	GE3	14.17	46	86.5	230/460	2.9	1, 30	
	145TC		TEFC	CEM3587T	1,058	GE3	13.03	62	86.5	230/460	2.9	1, 30	
	1200	184TC	TEFC	CEM3614T	1,109	GE3	18.05	97	88.5	230/460	3.5	1, 30	
		184TC	TEFC	CEM3664T	1,336	GE3	16.00	115	88.5	230/460	3.2	1, 30	
	3	3600	56C	TEFC	CEM3559	899	GE3	14.12	50	86.5	230/460	3.6	1, 30
			145TC	TEFC	CEM3559T	909	GE3	14.17	52	86.5	230/460	3.6	1, 30
182TC			TEFC	CEM3610T	954	GE3	15.18	50	86.5	230/460	3.6	1, 30	
182TC			TEFC	CEM3660T	1,195	GE3	16.00	90	86.5	230/460	3.8	1, 30	
1800		182TC	TEFC	CEM3611T	854	GE3	16.55	75	89.5	230/460	4.2	1, 30	
		182TC	TEFC	CEM3661T	1,226	GE3	16.00	104	89.5	230/460	4.1	1, 30	
1200		213TC	TEFC	CEM3704T	1,488	GE3	19.76	141	89.5	230/460	4.6	1, 30	
		213TC	TEFC	CEM3764T	1,737	GE3	19.20	173	89.5	230/460	4.5	1, 30	

(a) See notes on inside back flap.

■ Cast iron frame

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

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Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

General purpose, three phase, totally enclosed, C-Face, foot mounted

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volts (continued)												
5	3600	184TC	TEFC	CEM3613T	1,050	GE3	16.55	78	88.5	230/460	5.9	1, 30
		184TC	TEFC	CEM3663T	1,448	GE3	16.00	99	88.5	230/460	5.8	1, 30
	1800	184TC	TEFC	CEM3615T	880	GE3	18.05	93	89.5	230/460	6.7	1, 30
		184TC	TEFC	CEM3665T	1,252	GE3	16.00	114	89.5	230/460	6.6	1, 30
	1200	215TC	TEFC	CEM3708T	1,663	GE3	20.51	161	89.5	230/460	7.3	1, 30
		215TC	TEFC	CEM3768T	1,984	GE3	19.20	190	89.5	230/460	7.4	1, 30
7 1/2	3600	184TC	TEFC	CEM3616T	1,362	GE3	18.05	101	89.5	230/460	8.4	1, 30
		213TC	TEFC	CEM3709T	1,604	GE3	18.63	120	89.5	230/460	9	1, 30
		213TC	TEFC	CEM3769T	1,757	GE3	19.20	155	89.5	230/460	9	1, 30
	1800	213TC	TEFC	CEM3710T	1,301	GE3	19.76	134	91.7	230/460	9.4	1, 30
		213TC	TEFC	CEM3770T	1,700	GE3	19.20	170	91.7	230/460	9.5	1, 30
		215TC	TEFC	CEM3711T	1,624	GE3	18.63	121	90.2	230/460	11.8	1, 30
10	3600	215TC	TEFC	CEM3771T	2,026	GE3	19.20	182	90.2	230/460	11.8	1, 30
		215TC	TEFC	CEM3714T	1,452	GE3	21.26	165	91.7	230/460	12	1, 30
	1800	215TC	TEFC	CEM3774T	1,883	GE3	19.20	195	91.7	230/460	12.2	1, 30
		215TC	TEFC	CEM3713T	2,234	GE3	21.26	182	91	230/460	17	1, 30
15	3600	254TC	TEFC	CEM2394T	3,103	GE3	23.78	250	91	230/460	17.5	1, 30
		254TC	TEFC	CEM2333T	2,564	GE3	23.78	269	92.4	230/460	18.1	1, 30
	1800	256TC	TEFC	CEM4106T	3,349	GE3	23.78	265	91	230/460	23	1, 30
		256TC	TEFC	CEM2334T	3,379	GE3	23.78	298	93	230/460	24	1, 30
25	3600	284TSC	TEFC	CEM4107T	4,383	GE3	24.71	346	91.7	230/460	29	1, 30
	1800	284TC	TEFC	CEM4103T	4,431	GE3	27.76	400	93.6	230/460	30	1, 30
30	3600	286TSC	TEFC	CEM4108T	5,062	GE3	26.39	389	91.7	230/460	33	1, 30
	1800	286TC	TEFC	CEM4104T	5,112	GE3	27.76	425	93.6	230/460	38	1, 30
40	3600	324TSC	TEFC	CEM4109T	6,770	GE3	28.78	600	92.4	230/460	46	1, 30
	1800	324TC	TEFC	CEM4110T	6,566	GE3	30.28	590	94.1	230/460	48	1, 30
50	3600	326TSC	TEFC	CEM4114T	7,322	GE3	28.78	591	93	230/460	56	1, 30
	1800	326TC	TEFC	CEM4115T	7,092	GE3	30.28	585	94.5	230/460	58	1, 30
60	3600	364TSC	TEFC	CEM4310T	10,003	GE3	31.31	830	93.6	230/460	67.3	1
	1800	364TC	TEFC	CEM4314T	9,890	GE3	33.44	915	95	230/460	68	1, 30
75	3600	365TSC	TEFC	CEM4313T	11,478	GE3	31.31	905	93.6	230/460	83.4	1
	1800	365TC	TEFC	CEM4316T	11,400	GE3	33.44	907	95.4	230/460	84.9	1, 30
100	1800	405TC	TEFC	CEM4400T	14,166	GE3	38.32	1360	95.4	230/460	112	1
200 volts												
1/2	1800	56C	TEFC	CM3538-8	473	GE3	11.35	23	74	200	2.2	12, 38
1	1800	56C	TEFC	CEM3546-8	766	GE3	12.23	38	85.5	200	3.5	1
575 volts												
1/3	1800	56C	TEFC	CM3534-5	335	GE3	11.35	21	68	575	0.6	13, 38
1/2	1800	56C	TEFC	CM3538-5	371	GE3	11.35	23	74	575	0.8	12, 38
3/4	1800	56C	TEFC	CM3542-5	394	GE3	11.35	26	75.5	575	1.2	12, 38
		56C	TEFC	CEM3546-5	766	GE3	12.23	38	85.5	575	1.2	1
1	1800	143TC	TEFC	CEM3546T-5	689	GE3	13.29	37	85.5	575	1.2	1
		143TC	TEFC	CEM3581T-5	978	GE3	13.03	54	85.5	575	1.2	1
	3600	143TC	TEFC	CEM3583T-5	1,031	GE3	13.03	54	84	575	1.5	1
1 1/2	1800	56C	TEFC	CEM3554-5	848	GE3	13.23	41	86.5	575	1.8	1
		145TC	TEFC	CEM3554T-5	762	GE3	13.29	42	86.5	575	1.8	1
	3600	145TC	TEFC	CEM3584T-5	1,012	GE3	13.03	63	86.5	575	1.8	1
		145TC	TEFC	CEM3586T-5	1,079	GE3	13.05	60	86.5	575	2	1
2	1800	56C	TEFC	CEM3558-5	895	GE3	13.23	45	86.5	575	2.3	1
		145TC	TEFC	CEM3558T-5	804	GE3	13.29	47	86.5	575	2.3	1
		145TC	TEFC	CEM3587T-5	1,058	GE3	13.03	61	86.5	575	2.3	1
	3600	145TC	TEFC	CEM3559T-5	909	GE3	14.17	52	86.5	575	2.9	1
3	3600	182TC	TEFC	CEM3610T-5	954	GE3	16.53	58	86.5	575	2.9	1
		182TC	TEFC	CEM3660T-5	1,195	GE3	16.00	89	86.5	575	3	1
	1800	182TC	TEFC	CEM3611T-5	854	GE3	16.55	75	89.5	575	3.3	1
		182TC	TEFC	CEM3661T-5	1,226	GE3	16.00	102	89.5	575	3.3	1

(a) See notes on inside back flap.

Cast iron frame

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

General purpose, three phase, totally enclosed, C-Face, foot mounted

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
575 volts (continued)												
5	3600	184TC	TEFC	CEM3613T-5	1,050	GE3	16.55	78	88.5	575	4.7	1
		184TC	TEFC	CEM3663T-5	1,448	GE3	16.00	99	88.5	575	4.7	1
	1800	184TC	TEFC	CEM3615T-5	880	GE3	18.05	93	89.5	575	5.3	1
		184TC	TEFC	CEM3665T-5	1,252	GE3	16.00	113	89.5	575	5.3	1
7 1/2	3600	213TC	TEFC	CEM3769T-5	1,757	GE3	19.20	179	89.5	575	7.4	1
		213TC	TEFC	CEM3710T-5	1,301	GE3	19.76	129	91.7	575	7.6	1
	1800	213TC	TEFC	CEM3770T-5	1,700	GE3	19.20	170	91.7	575	7.5	1
		215TC	TEFC	CEM3711T-5	1,624	GE3	18.63	123	90.2	575	9.5	1
10	3600	215TC	TEFC	CEM3771T-5	2,026	GE3	19.20	182	90.2	575	9.3	1
		215TC	TEFC	CEM3714T-5	1,452	GE3	21.26	165	91.7	575	9.6	1
	1800	215TC	TEFC	CEM3774T-5	1,883	GE3	19.20	231	91.7	575	9.8	1
		215TC	TEFC	CEM3713T-5	2,234	GE3	21.26	169	91	575	13.6	1
15	3600	215TC	TEFC	CEM3713T-5	2,234	GE3	21.26	169	91	575	13.6	1
	1800	254TC	TEFC	CEM2333T-5	2,564	GE3	23.78	263	92.4	575	14.6	1
20	3600	256TC	TEFC	CEM4106T-5	3,349	GE3	23.80	280	91	575	18	1
	1800	256TC	TEFC	CEM2334T-5	3,379	GE3	23.78	289	93	575	19.2	1
25	1800	284TC	TEFC	CEM4103T-5	4,431	GE3	27.76	401	93.6	575	24	1
30	1800	286TC	TEFC	CEM4104T-5	5,112	GE3	27.76	449	93.6	575	31	1

(a) See notes on inside back flap.

■ Cast iron frame

Red catalog number indicates **NEW** product.

Custom induction motors available up to 30,000 Hp.

Contact your sales representative for additional information.

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

General purpose, three phase, totally enclosed, C-Face, footless

1/4 thru 30 Hp

IP44*



Features:

- Footless design reduces weight and improves safety
- Locked DE bearing to allow mounting in any configuration
- 60 Hz designs with 50 Hz information on 2,4,6 pole 1-125 Hp ratings
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2 unless note 38 is indicated
- Designed for longevity with a 3 year warranty on premium efficient Super-E® motors

Applications:

- Fans
- Pumps
- Blowers
- Conveyors
- Compressors
- Industrial machines
- Other general purpose applications

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	
230/460 volts													
1/4	1800	56C	TENV	KENM3454	513	GE3	11.06	26	80	230/460	0.4	30	
		56C	TEFC	KM3454	329	GE3	11.35	19	64	230/460	0.7	12, 30, 38	
		56C	TENV	KNM3454	348	GE3	10.25	18	64	208-230/460	0.7	2, 20, 30, 38	
	1200	56C	TEFC	VM3531	503	GE3	11.35	20	68	230/460	0.7	13, 30, 38	
1/3	3600	56C	TENV	KM3457	336	GE3	10.25	20	72	230/460	0.7	13, 30, 38	
		56C	TENV	KNM3457/35	541	GE3	11.07	29	78.5	230/460	0.5	1, 13, 30, 48	
		56C	TENV	KENM3534	566	GE3	11.06	33	80	230/460	0.6	1, 30, 48	
	1800	56C	TENV	KNM3534	385	GE3	10.25	23	70	208-230/460	0.7	2, 30, 38	
		56C	TEFC	VM3534	356	GE3	11.35	21	68	230/460	0.8	13, 30, 38	
		56C	TENV	KENM3535	832	GE3	11.06	35	81.5	230/460	0.6	1, 30, 48	
1/2	1200	56C	TEFC	VM3535	565	GE3	11.35	22	70	230/460	0.9	13, 30, 38	
		56C	TEFC	VM3537	386	GE3	11.35	20	68	230/460	1	12, 30, 38	
		56C	TENV	VNM3537	543	GE3	11.06	32	77	230/460	0.8	1, 12, 48	
	1800	56C	TEFC	VEM3538	617	GE3	12.23	31	82.5	230/460	0.8	1, 12, 30, 48	
		56C	TENV	VENM3538	641	GE3	11.06	32	84	230/460	0.9	30	
		56C	TEFC	VM3538	363.12	GE3	11.35	23	74	230/460	1	12, 30, 38	
		56C	TENV	VNM3538	444	GE3	10.25	22	74	208-230/460	1	2, 20, 30, 38	
	1200	56C	TEFC	VM3539	606	GE3	11.35	24	72	230/460	1.2	12, 30, 38	
	3/4	3600	56C	TEFC	VM3541	422	GE3	11.35	21	74	230/460	1.3	12, 30, 38
			56C	TENV	VNM3541	580	GE3	11.06	36	84	208-230/460	1	12, 30, 48
56C			TEFC	VEM3542	655	GE3	12.23	35	84	230/460	1.1	1, 12, 30	
1800		56C	TENV	VENM3542	700	GE3	11.06	33	84	230/460	1.1	1, 30, 48	
		56C	TEFC	VM3542	386.26	GE3	11.35	26	75.5	208-230/460	1.5	12, 30, 38	
		56C	TENV	VNM3542	450	GE3	11.75	31	75	230/460	1.3	12, 30, 38	
		56C	TEFC	VM3543	620	GE3	12.85	32	77	208-230/460	1.5	30, 38	
1200	143TC	TEFC	VM3543T	620	GE3	13.41	33	77	208-230/460	1.5	30, 38		
1	3600	56C	TEFC	VEM3545	669	GE3	12.24	32	77	230/460	1.4	1, 12, 30	
		56C	TEFC	VEM3546	680	GE3	12.23	36	85.5	230/460	1.5	1, 30	
	1800	56C	TEFC	VEM3581	978	GE3	12.47	52	85.5	230/460	1.5	1, 30	
		56C	TENV	VENM3546	766	GE3	11.06	38	85.5	230/460	1.5	1, 30	
		143TC	TEFC	VEM3546T	689	GE3	12.29	36	85.5	230/460	1.5	1, 30	
		143TC	TEFC	VEM3581T	978	GE3	13.03	54	85.5	230/460	1.5	1, 30	
		143TC	TENV	VENM3546T	776	GE3	12.12	40	85.5	230/460	1.5	1, 30, 48	
		143TC	TENV	VENM3581T	978	GE3	11.36	56	85.5	230/460	1.5	1, 30, 48	
		56C	TEFC	VEM3556	874	GE3	13.23	43	82.5	230/460	1.8	1, 30	
	1200	145TC	TEFC	VEM3556T	884	GE3	13.29	41	82.5	230/460	1.8	1, 30	
	3600	56C	TEFC	VEM3550	754	GE3	12.24	35	84	230/460	1.9	1, 30	
		143TC	TEFC	VEM3550T	764	GE3	12.29	38	84	230/460	1.9	30	
		1800	56C	TEFC	VEM3554	753	GE3	13.23	42	86.5	230/460	2.2	1, 30
			145TC	TEFC	VEM3554T	762	GE3	13.29	41	86.5	230/460	2.2	1, 30
145TC	TEFC		VEM3584T	1,012	GE3	13.03	60	86.5	230/460	2.3	1, 30		
1 1/2	1200	56C	TEFC	VEM3557	903	GE3	15.62	72	87.5	230/460	2.4	1, 30	
		145TC	TEFC	VEM3557T	913	GE3	15.68	72	87.5	230/460	2.4	1, 30	

(a) See notes on inside back flap.

Cast iron frame *IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

For more information visit baldor.com or new.abb.com/motors-generators

General purpose, three phase, totally enclosed, C-Face, footless

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	
230/460 volts (continued)													
2	3600	56C	TEFC	VEM3555	823	GE3	13.24	43	85.5	230/460	2.5	1	
		143TC	TEFC	VEM3555T	833	GE3	12.29	41	85.5	230/460	2.5	1	
	1800	56C	TEFC	VEM3558	795	GE3	13.23	46	86.5	230/460	2.9	1, 30	
		145TC	TEFC	VEM3558T	804	GE3	12.29	47	86.5	230/460	2.9	1, 30	
		145TC	TEFC	VEM3587T	1,058	GE3	13.03	59	86.5	230/460	2.9	1, 30	
	1200	184TC	TEFC	VEM3614T	1,109	GE3	18.05	91	88.5	230/460	3.3	1, 30	
184TC		TEFC	VEM3664T	1,336	GE3	15.98	113	88.5	230/460	3.2	1, 30		
3	3600	56C	TEFC	VEM3559	899	GE3	14.10	50	86.5	230/460	3.6	1, 30	
		145TC	TEFC	VEM3559T	909	GE3	14.17	50	86.5	230/460	3.6	1, 30	
		182TC	TEFC	VEM3610T	954	GE3	15.18	50	86.5	230/460	3.6	1, 30	
	1800	56C	TEFC	VEM3561	868	GE3	15.62	70	89.5	230/460	4.2	1, 30	
		145TC	TEFC	VEM3561T	878	GE3	15.68	70	89.5	230/460	4.2	1, 30	
		182TC	TEFC	VEM3611T	854	GE3	16.55	73	89.5	230/460	4.2	1, 30	
5	1200	182TC	TEFC	VEM3661T	1,226	GE3	16.00	98	89.5	230/460	4.1	1, 30	
		213TC	TEFC	VEM3704T	1,488	GE3	19.76	132	89.5	230/460	4.6	1, 30	
		184TC	TEFC	VEM3613T	1,050	GE3	16.55	75	88.5	230/460	5.9	1, 30	
	3600	184TC	TEFC	VEM3663T	1,448	GE3	15.98	99	88.5	230/460	6.3	1, 30	
		184TC	TEFC	VEM3615T	880	GE3	18.05	88	89.5	230/460	6.7	1, 30	
		184TC	TEFC	VEM3665T	1,252	GE3	16.00	109	89.5	230/460	6.6	1, 30	
7 1/2	1200	215TC	TEFC	VEM3708T	1,663	GE3	21.26	149	90.2	230/460	7.4	8, 30	
		184TC	TEFC	VEM3616T	1,362	GE3	18.05	96	89.5	230/460	8.1	1, 30	
		213TC	TEFC	VEM3709T	1,604	GE3	18.56	96	89.5	230/460	8.1	1, 30	
	1800	213TC	TEFC	VEM3710T	1,465	GE3	19.76	129	91.7	230/460	9.4	1, 30	
		213TC	TEFC	VEM3770T	1,700	GE3	19.20	170	91.7	230/460	9.5	1, 30	
		215TC	TEFC	VEM3711T	1,624	GE3	18.63	125	90.2	230/460	12.1	1, 30	
10	1800	215TC	TEFC	VEM3714T	1,636	GE3	21.26	165	91.7	230/460	12	1, 30	
		215TC	TEFC	VEM3774T	1,883	GE3	19.20	197	91.7	230/460	12.2	1, 30	
		1200	256TC	TEFC	VEM2332T	3,492	GE3	23.80	322	91	230/460	14.1	1, 30
15	3600	215TC	TEFC	VEM3713T	2,234	GE3	20.51	170	91	230/460	17	1, 30	
		254TC	TEFC	VEM2394T	3,103	GE3	20.32	225	91	230/460	16.9	1, 30	
		1800	254TC	TEFC	VEM2333T	2,889	GE3	23.80	268	92.4	230/460	18.1	1, 30
20	3600	256TC	TEFC	VEM4106T	3,349	GE3	23.80	229	91	230/460	23	1, 30	
		1800	256TC	TEFC	VEM2334T	3,379	GE3	23.80	303	93	230/460	24	1, 30
25	3600	284TSC	TEFC	VEM4107T	4,383	GE3	22.40	283	91.7	230/460	29	1, 30	
		1800	284TC	TEFC	VEM4103T	4,431	GE3	27.76	425	93.6	230/460	30	1, 30
30	3600	286TSC	TEFC	VEM4108T	5,062	GE3	22.40	299	91.7	230/460	68	1, 30	
		1800	286TC	TEFC	VEM4104T	5,112	GE3	27.76	286	93.6	230/460	38	1, 30
575 volts													
1/3	1800	56C	TEFC	VM3534-5	356	GE3	11.35	21	68	575	0.6	13, 38	
	3600	56C	TEFC	VM3537-5	386	GE3	11.35	19	68	575	0.8	12, 38	
1/2	1800	56C	TEFC	VEM3538-5	617	GE3	12.23	32	82.5	575	.6	12	
		56C	TEFC	VM3538-5	408	GE3	11.35	22	74	575	0.8	12, 38	
3/4	3600	56C	TEFC	VM3541-5	422	GE3	11.35	21	74	575	1	12, 38	
		56C	TEFC	VEM3542-5	655	GE3	12.23	33	84	575	.9	12	
		56C	TEFC	VM3542-5	434	GE3	11.35	26	75.5	575	1.2	12, 38	
1	3600	56C	TEFC	VEM3545-5	669	GE3	11.97	27	77	575	1.2	1, 12	
		56C	TEFC	VEM3546-5	680	GE3	12.23	35	85.5	575	1.2	1	
		1800	143TC	TEFC	VEM3546T-5	689	GE3	12.29	36	85.5	575	1.2	1
		143TC	TEFC	VEM3581T-5	978	GE3	13.03	53	85.5	575	1.2	1	
1 1/2	3600	56C	TEFC	VEM3550-5	754	GE3	12.23	38	84	575	1.5	1	
		143TC	TEFC	VEM3550T-5	764	GE3	12.29	35	84	575	1.5	1	
	1800	56C	TEFC	VEM3554-5	753	GE3	14.10	50	88.5	575	1.7	1	
		145TC	TEFC	VEM3554T-5	762	GE3	13.29	41	86.5	575	1.8	1	
		145TC	TEFC	VEM3584T-5	1,012	GE3	13.03	58	86.5	575	1.8	1	
		3600	56C	TEFC	VEM3555-5	823	GE3	13.23	41	85.5	575	2	1
2	1800	56C	TEFC	VEM3558-5	795	GE3	13.23	45	86.5	575	2.3	1	
		145TC	TEFC	VEM3558T-5	804	GE3	13.29	46	86.5	575	2.3	1	
		145TC	TEFC	VEM3587T-5	1,058	GE3	13.03	60	86.5	575	2.3	1	

(a) See notes on inside back flap.

Cast iron frame Red catalog number indicates NEW product.

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

For more information visit baldor.com or new.abb.com/motors-generators

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

General purpose, three phase, totally enclosed, C-Face, footless

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
575 volts (continued)												
3	3600	56C	TEFC	VEM3559-5	899	GE3	14.10	50	86.5	575	2.9	1
		182TC	TEFC	VEM3610T-5	954	GE3	15.18	53	86.5	575	2.9	1
	1800	182TC	TEFC	VEM3611T-5	854	GE3	16.55	71	89.5	575	3.3	1
		182TC	TEFC	VEM3661T-5	1,226	GE3	16.00	98	89.5	575	3.3	1
5	3600	184TC	TEFC	VEM3613T-5	1,050	GE3	16.55	74	88.5	575	4.7	1
		184TC	TEFC	VEM3615T-5	880	GE3	18.05	88	89.5	575	5.3	1
	1800	184TC	TEFC	VEM3665T-5	1,252	GE3	16.00	110	89.5	575	5.3	1
		213TC	TEFC	VEM3709T-5	1,604	GE3	19.28	101	89.5	575	6.8	1
7 1/2	1800	213TC	TEFC	VEM3710T-5	1,465	GE3	19.76	123	91.7	575	7.6	1
		213TC	TEFC	VEM3770T-5	1,700	GE3	19.20	170	91.7	575	7.5	1
	3600	215TC	TEFC	VEM3711T-5	1,624	GE3	18.63	118	90.2	575	9.5	1
		215TC	TEFC	VEM3714T-5	1,636	GE3	21.26	165	91.7	575	9.6	1
10	1800	215TC	TEFC	VEM3774T-5	1,883	GE3	19.20	231	91.7	575	9.8	1
		215TC	TEFC	VEM3713T-5	2,234	GE3	21.26	169	91	575	13.6	1
	3600	254TC	TEFC	VEM2333T-5	2,889	GE3	23.80	266	92.4	575	14.6	1
		256TC	TEFC	VEM2334T-5	3,379	GE3	23.80	296	93	575	19.2	1

(a) See notes on inside back flap.

■ Cast iron frame

Custom induction motors available up to 30,000 Hp.

Contact your sales representative for additional information.

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

General purpose, three phase, open drip proof, foot mounted

1/4 thru 450 Hp

IP22



Features:

- Suitable for inverter use per NEMA MG1 part 31.4.4.2 unless note 38 is indicated
- 60 Hz designs with 50 Hz information on 2,4,6 pole 1-125 Hp ratings
- Designed for longevity with a 3 year warranty on premium efficient Super-E® motors
- Optimized airflow design providing higher horsepower in a smaller package

Applications:

- Fans
- Pumps
- Blowers
- Conveyors
- Compressors
- Industrial machines
- Other general purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volts											
1/4	1800	48	EM30003	427	G03	9.62	21	69.5	230/460	0.5	13, 15, 30, 38
	1200	48	EM30004	472	G03	9.13	24	67.5	230/460	0.7	13, 15, 30, 38
		56	EM31101	472	G03	10.25	24	67.5	230/460	0.7	13, 15, 30, 38
1/3	3600	48	EM30006	448	G03	9.62	22	69.5	230/460	0.6	13, 15, 30, 38
	1800	48	EM30007	451	G03	9.13	24	73.4	230/460	0.7	13, 15, 30, 38
		56	EM31104	451	G03	10.25	24	73.4	230/460	0.7	13, 15, 30, 38
	1200	48	EM30008	494	G03	9.75	27	71.4	230/460	0.9	13, 15, 30, 38
		56	EM31105	494	G03	10.88	27	71.4	230/460	0.9	13, 15, 30, 38
	3600	48	EM30009	482	G03	9.62	24	73.4	230/460	0.8	12, 15, 30, 38
1/2		56	EM31107	482	G03	10.25	24	73.4	230/460	0.8	12, 15, 30, 38
		48	EM30010	497	G03	11.12	31	78.2	230/460	0.8	12, 15, 30, 38
	1800	56	EM31108	497	G03	11.75	31	78.2	230/460	0.8	12, 15, 30, 38
		56	EM31108A	564	G03	11.75	31	78.2	230/460	0.8	12, 15, 30, 38
	1200	48	EM30011	543	G03	10.63	34	75.3	230/460	1	12, 15, 30, 38
		56	EM31109	543	G03	11.75	34	75.3	230/460	1	12, 15, 30, 38
	900	56	M3160	825	G03	12.07	38	70	230/460	1.3	
	3600	48	EM30012	480	G03	9.13	22	76.8	230/460	1.2	12, 15, 30, 38
		56	EM31111	480	G03	10.25	24	76.8	230/460	1.2	12, 15, 30, 38
	1800	56	EM31112	547	G03	11.07	32	81.1	230/460	1	12, 15, 30
		56	EM31112A	614	G03	11.07	32	81.1	208-230/460	1	12, 15
	1200	56	EM31153	668	G03	12.07	39	81.7	230/460	1.3	1, 15, 30
3/4		143T	M3153T	586	G03	12.32	33	77	230/460	1.5	30, 38
	3600	56	EM31115	492	G03	10.88	27	77	230/460	1.6	12, 15, 30, 38
		56	EM31116	576	G03	11.07	29	83.5	230/460	1.5	1, 15, 30
	1800	56	EM31116A	603	G03	11.07	29	85.5	230/460	1.5	1, 15, 30
		143T	EM3116T	631	G03	11.12	34	85.5	230/460	1.5	1, 30
	1200	56H	EM31156	842	G03	11.75	41	82.5	230/460	1.8	1, 15, 30
		145T	EM3156T	727	G03	11.62	36	82.5	230/460	1.8	1, 30
	900	182T	EM3216T	1,192	G03	15.00	65	75.5	230/460	2.1	1, 30
	3600	56	EM31120	508	G03	11.07	34	84	230/460	2	1, 15, 30
		143T	EM3120T	612	G03	11.12	33	84	230/460	2	1, 30
1 1/2		56	EM31154	631	G03	12.07	36	86.5	230/460	2.2	1, 15, 30
	1800	56	EM31154A	698	G03	12.07	41	86.5	230/460	2.2	1, 15, 30
		145T	EM3154T	660	G03	11.62	37	86.5	230/460	2.2	1, 30
	1200	56H	EM31159	810	G03	14.00	54	84	230/460	2.6	1, 15, 30
		182T	EM3207T	851	G03	15.00	66	86.5	230/460	2.5	1, 30
	900	184T	EM3220T	1,448	G03	16.50	82	78.5	230/460	3	1, 30
	3600	56	EM31155	572	G03	12.07	43	85.5	230/460	2.6	1, 15, 30
		143T	EM3155T	718	G03	11.62	41	85.5	230/460	2.5	1, 30
2		145T	EM3157TA	876	G03	12.13	44	86.5	230/460	2.9	1, 30
	1800	56H	EM31157	662	G03	12.63	45	86.5	230/460	3	1, 15, 30
		145T	EM3157T	707	G03	12.12	40	86.5	230/460	2.9	1, 30
	1200	184T	EM3215T	870	G03	16.50	79	87.5	230/460	3.4	1, 30
	900	213T	EM3303T	1,788	G03	17.45	111	86.5	230/460	3.5	1, 30

(a) See notes on inside back flap.

Red catalog number indicates NEW product.

General purpose, three phase, open drip proof, foot mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volts (continued)											
3	3600	56H	EM31158	641	G03	11.75	50	85.5	230/460	3.8	1, 15, 30
		145T	EM3158T	727	G03	13.00	46	85.5	230/460	3.8	1, 30
	1800	182T	EM3211T	762	G03	15.00	69	89.5	230/460	4.2	1, 30
		182T	EM3211TA	938	G03	15.00	65	89.5	230/460	4.4	1, 30
		1200	213T	EM3305T	1,107	G03	16.32	119	88.5	230/460	4.5
5	3600	182T	EM3212T	794	G03	13.62	61	86.5	230/460	6	1, 30
	1800	184T	EM3218T	835	G03	16.50	84	89.5	230/460	6.6	1, 30
		184T	EM3218TA	1,020	G03	16.50	84	89.5	230/460	6.6	1, 30
	1200	215T	EM3309T	1,451	G03	17.45	139	89.5	230/460	7.4	1, 30
	900	254T	EM2504T	2,879	G03	23.19	240	88.5	230/460	7.6	1, 30
7 1/2	3600	184T	EM3219T	1,259	G03	15.00	74	88.5	230/460	8.6	1, 30
	1800	213T	EM3311T	1,226	G03	16.32	115	91	230/460	9.7	1, 30
	1200	254T	EM2506T	1,739	G03	23.19	239	90.2	230/460	11	1, 30
	900	256T	EM2508T	3,603	G03	23.19	260	89.5	230/460	11.7	1, 30
	3600	213T	EM3312T	1,440	G03	16.32	121	89.5	230/460	12	1, 30
10	1800	215T	EM3313T	1,484	G03	17.45	128	91.7	230/460	12.5	1, 30
	1200	256T	EM2511T	2,263	G03	23.19	255	91.7	230/460	14.3	1, 30
	3600	215T	EM3314T	2,045	G03	16.32	124	90.2	230/460	17.5	1, 30
15	1800	254T	EM2513T	2,101	G03	21.69	211	93	230/460	17.7	1, 30
		254T	EM2513T-CI	2,253	G03	20.63	238	93	230/460	17.8	1, 30
		284T	EM2524T	3,051	G03	23.81	278	91.7	230/460	20.5	1, 30
	3600	254T	EM2514T	2,402	G03	21.69	191	91	230/460	23.5	1, 30
20	1800	256T	EM2515T	2,597	G03	21.69	225	93	230/460	23.5	1, 30
		256T	EM2515T-12	2,943	G03	21.69	225	93	230/460	23.5	1, 25, 30
		256T	EM2515T-CI	2,831	G03	22.38	281	93	230/460	24	1, 30
	1200	286T	EM2528T	3,713	G03	23.81	302	92.4	230/460	27	1, 30
	3600	256T	EM2516T	2,884	G03	21.69	222	91.7	230/460	28	1, 30
25	1800	284T	EM2531T	3,166	G03	25.06	331	93.6	230/460	30	1, 30
		284T	EM2531T-12	3,715	G03	25.06	307	93.6	230/460	30	1, 25, 30
		284T	EM2531T-CI	3,451	G03	23.44	382	93.6	230/460	31	1, 30
	1200	324T	EM2532T	4,485	G03	27.69	411	93	230/460	34	1, 30
	3600	284TS	EM2534T	3,404	G03	22.44	308	91.7	230/460	35	1, 30
30	1800	286T	EM2535T	3,462	G03	25.06	335	94.1	230/460	35	1, 30
		286T	EM2535T-12	4,011	G03	25.06	339	94.1	230/460	35	1, 25, 30
		286T	EM2535T-CI	3,773	G03	24.94	240	94.1	230/460	35	1, 30
	1200	326T	EM2536T	4,678	G03	28.69	380	93.6	230/460	38	1, 30
	3600	286TS	EM2538T	4,385	G03	22.44	329	92.4	230/460	46	1, 30
40	1800	286TS	EM2538T-CI	4,780	G03	23.57	402	92.4	230/460	46	1, 30
		324T	EM2539T	4,516	G03	27.19	396	94.1	230/460	49	1, 30
		324T	EM2539T-12	5,367	G03	27.19	397	94.1	230/460	47	1, 25, 30
	1200	364T	EM2540T	6,327	G03	29.81	598	94.1	230/460	51	1, 30
	364T	EM2540T-CI	6,664	G03	29.70	801	94.1	230/460	49.4	1, 30	
50	3600	324TS	EM2542T	4,776	G03	25.69	394	93	230/460	56	1, 30
		324TS	EM2542T-CI	5,416	G03	24.62	548	93	230/460	56	1, 30
		326T	EM2543T	4,983	G03	27.69	467	94.5	230/460	57	1, 30
	1800	326T	EM2543T-12	5,834	G03	27.69	468	94.5	230/460	61	1, 25, 30
	326T	EM2543T-CI	5,433	G03	27.63	570	94.5	230/460	57	1, 30	
60	1200	326TS	EM2543TS-12	5,834	G03	26.19	469	94.5	230/460	61	1, 25, 30
		365T	EM2544T	7,641	G03	33.72	762	94.1	230/460	62	1, 30
		365T	EM2544T-CI	8,068	G03	29.70	722	94.1	230/460	60.3	1, 30
	3600	326TS	EM2546T	6,043	G03	25.19	458	93.6	230/460	68	1, 30
	364T	EM2547T	6,274	G03	30.69	615	95	230/460	68	1, 30	
60	1800	364T	EM2547T-12	7,612	G03	30.69	620	95	230/460	68	1, 25, 30
		364T	EM2547T-CI	6,838	G03	29.70	745	95	230/460	69.5	1, 30
		364TS	EM2547TS-12	7,612	G03	28.56	613	95	230/460	68	1, 25, 30
	1200	404T	EM2548T	9,413	G03	34.47	888	94.5	230/460	76	1, 30
404T	EM2548T-4CI	10,242	G03	34.00	1009	95	460	70.4	1		

(a) See notes on inside back flap.

Cast iron frame

General purpose, three phase, open drip proof, foot mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	
230/460 volts (continued)												
75	3600	364TS	EM2549T	7,926	G03	25.81	502	93.6	230/460	82	1, 30	
		365T	EM2551T	7,701	G03	33.72	744	95	230/460	87	1, 30	
		365T	EM2551T-12	9,039	G03	33.72	758	95	230/460	85	1, 25	
		365T	EM2551T-CI	8,392	G03	29.70	762	95	230/460	86.5	1, 30	
		365TS	EM2551TS-12	9,039	G03	31.59	749	95	230/460	85	1, 25	
		1200	405T	EM2552T-4	11,403	G03	34.00	1067	95	460	86.9	1, 25
100	3600	365TS	EM2550T	8,473	G03	27.81	562	93.6	230/460	110	1, 30	
		404T	EM2555T	8,959	G03	34.47	930	95.4	230/460	118	1, 30	
		404T	EM2555T-12	10,902	G03	36.97	946	95.4	230/460	118	1, 25	
		404T	EM2555T-4	8,959	G03	36.97	896	95.4	460	115	1, 25	
		404T	EM2555T-CI	9,765	G03	34.00	1038	95.4	230/460	115	1, 30	
		404TS	EM2555TS-12	10,902	G03	33.97	941	95.4	230/460	118	1, 25	
125	1200	444T	EM2583T-4	12,551	G03	39.56	1455	95	460	116	1, 25	
		404TS	EM2554T-4	10,633	G03	31.85	894	94.1	460	143	1, 25	
		404TS	EM2554T-4CI	12,687	G03	31.00	997	95	460	143	1	
		405T	EM2559T-4	10,991	G03	34.47	955	95.4	460	143	1, 25	
		1800	405T	EM2559T-4CI	11,978	G03	34.00	1118	95.4	460	141	1
		405TS	EM2559TS-4	10,991	G03	34.97	1238	95.4	460	143	1, 25	
150	1200	445T	EM2557T-4	13,555	G03	39.71	1513	95	460	146	1, 25	
		3600	405TS	EM2556T-4	13,117	G03	31.85	980	94.1	460	166	1, 25
		444T	EM2558T-4	12,208	G03	39.71	1528	96.2	460	170	1, 25	
		444TS	EM2558TS-4	12,208	G03	35.96	1519	96.2	460	170	1	
		1200	445T	EM2560T-4	15,963	G03	39.71	1572	95.4	460	175	1, 25
		3600	444TS	EM2562T-4	14,864	G03	35.88	1364	95.4	460	221	1, 25
200	1800	445T	EM2563T-4	15,256	G03	39.56	1625	95.8	460	222	1, 25	
		1200	447T	EM2564T-4	20,984	G03	43.06	1827	95.4	460	232	1, 25
		3600	445TS	EM2565T-4	17,437	G03	35.81	1539	95.4	460	274	1, 25
250	1800	447T	EM25254T-4	17,108	G03	43.06	2036	96.2	460	275	1, 25	
		3600	445TS	EM2568T-4	27,254	G03	35.88	1539	95.8	460	324	1, 25
300	1800	449T	EM25694T-4	26,089	G03	48.06	2151	95.8	460	331	1, 25	
		3600	449TS	EM2571T-4	31,190	G03	44.31	4000	95.4	460	380	1, 25
350	1800	449T	EM2572T-4	30,816	G03	48.12	2694	96.2	460	382	1, 25	
		3600	449TS	EM25402T-4	36,592	G03	44.31	4000	96.2	460	431	1, 25
400	1800	449T	EM25404T-4	33,445	G03	48.12	2677	96.2	460	437	1, 25	
		3600	449TS	EM25452T-4	40,294	G03	44.31	4000	96.2	460	494	1, 25
450	1800	449T	EM25454T-4	37,824	G03	48.12	2888	96.2	460	507	1, 25	
		200 volts										
1	1800	143T	EM3116T-8	711	G03	11.12	34	85.5	200	3.5	1, 68	
1 1/2	1800	145T	EM3154T-8	743	G03	11.62	37	86.5	200	5.1	1, 68	
2	1800	145T	EM3157T-8	796	G03	12.12	40	86.5	200	6.5	1, 68	
3	3600	145T	EM3158T-8	727	G03	13.00	51	85.5	200	8.5	1, 68	
		1800	182T	EM3211T-8	858	G03	15.00	71	89.5	200	9.7	1, 68
5	3600	182T	EM3212T-8	794	G03	15.00	69	90.2	200	12.8	1, 68	
		1800	184T	EM3218T-8	940	G03	16.50	84	89.5	200	15.3	1, 68
7 1/2	3600	184T	EM3219T-8	1,259	G03	15.00	77	88.5	200	20	1, 68	
		1800	213T	EM3311T-8	1,381	G03	16.32	114	91	200	22.2	1, 68
10	3600	213T	EM3312T-8	1,440	G03	16.32	121	89.5	200	27.3	1, 68	
		1800	215T	EM3313T-8	1,672	G03	17.45	129	91.7	200	29.5	1, 68
15	3600	215T	EM3314T-8	2,045	G03	17.45	131	91.7	200	40	1, 68	
		1800	254T	EM2513T-8	2,367	G03	21.69	209	93	200	40.7	1, 68
20	3600	254T	EM2514T-8	2,402	G03	21.69	190	91	200	53	1, 24, 69	
		1800	256T	EM2515T-8	2,597	G03	21.69	227	93	200	54.3	1, 24, 69
25	3600	256T	EM2516T-8	2,884	G03	21.69	220	91.7	200	65	1, 24, 69	
		1800	284T	EM2531T-8	3,166	G03	25.06	333	93.6	200	70	1, 24, 69

(a) See notes on inside back flap.

Cast iron frame

General purpose, three phase, open drip proof, foot mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
200 volts (continued)											
30	3600	284TS	EM2534T-8	3,404	G03	22.44	320	93.6	200	78	1, 24, 69
	1800	286T	EM2535T-8	3,462	G03	25.06	278	94.1	200	81	1, 24, 69
40	3600	286TS	EM2538T-8	4,385	G03	22.44	362	92.4	200	105	1, 24, 69
		286TS	M2538T-8	3,685	G03	23.56	259	91.7	200	104	16, 24, 69
	1800	324T	EM2539T-8	4,516	G03	27.19	434	94.1	200	109	1, 24, 69
50	3600	324TS	EM2542T-8	4,776	G03	25.69	375	93	200	129	1, 24, 69
	1800	326T	EM2543T-8	4,983	G03	27.69	467	94.5	200	132	1, 24, 69
60	1800	364T	EM2547T-8	6,274	G03	30.69	623	95	200	160	1, 24, 69
75	1800	365T	EM2551T-8	7,701	G03	29.70	783	95	200	199	1, 24, 69
575 volts											
1/3	1800	56	EM31104-5	451	G03	9.51	24	73.4	575	0.5	15, 38
1/2	1800	56	EM31108-5	497	G03	11.01	31	78.2	575	0.7	15, 38
3/4	1800	56	EM31112-5	547	G03	11.07	33	81.5	575	0.9	15
1	1800	56	EM31116-5	576	G03	11.07	38	85.5	575	1.2	15
		143T	EM3116T-5	631	G03	11.12	34	85.5	575	1.2	1
1 1/2	1800	145T	EM3154T-5	660	G03	11.62	37	86.5	575	1.8	1
2	1800	145T	EM3157T-5	707	G03	12.12	39	86.5	575	2.3	1
3	1800	182T	EM3211T-5	762	G03	15.00	69	89.5	575	3.4	1
5	3600	182T	EM3212T-5	794	G03	15.00	76	90.2	575	4.5	1
	1800	184T	EM3218T-5	835	G03	16.50	82	89.5	575	5.3	1
7 1/2	3600	184T	EM3219T-5	1,259	G03	16.50	92	90.2	575	6.7	1
	1800	213T	EM3311T-5	1,226	G03	16.32	114	91	575	7.8	1
10	1800	215T	EM3313T-5	1,484	G03	17.45	123	91.7	575	10	1
15	1800	254T	EM2513T-5	2,101	G03	21.69	273	93	575	14.1	1
20	1800	256T	EM2515T-5	2,597	G03	21.69	227	93	575	18.9	1
25	1800	284T	EM2531T-5	3,166	G03	25.06	312	93.6	575	24.5	1
30	1800	286T	EM2535T-5	3,462	G03	25.06	333	94.1	575	28	1
40	1800	324T	EM2539T-5	4,516	G03	27.19	397	94.1	575	40	1
50	1800	326T	EM2543T-5	4,983	G03	27.69	465	94.5	575	46	1
60	1800	364T	EM2547T-5	6,274	G03	30.69	430	95	575	56	1
75	1800	365T	EM2551T-5	7,701	G03	33.72	740	95	575	68	1
100	1800	404T	EM2555T-5	8,959	G03	36.97	943	95.4	575	93	1
125	1800	405T	EM2559T-5	10,991	G03	34.47	960	95.4	575	114	1
150	1800	444T	EM2558T-5	12,208	G03	39.56	1535	96.2	575	136	1

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates **NEW** product.

Custom induction motors available up to 30,000 Hp.

Contact your sales representative for additional information.

General purpose, three phase, open drip proof, C-Face, foot mounted

1/3 thru 125 Hp

IP22



Features:

- Locked DE bearing to allow mounting in any configuration
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2 unless note 38 is indicated
- 60 Hz designs with 50 Hz information on 2,4,6 pole 1-125 Hp ratings
- Designed for longevity with a 3 year warranty on premium efficient Super-E® motors
- Optimized airflow design providing higher horsepower in a smaller package

Applications:

- Fans
- Pumps
- Blowers
- Conveyors
- Compressors
- Industrial machines
- Other general purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/3	1800	56C	CEM31104	479	G03	10.10	24	73.4	230/460	0.7	15, 30, 38
	3600	56C	CEM31107	510	G03	10.10	20	73.4	230/460	0.8	15, 30, 38
1/2	1800	56C	CEM31108	525	G03	11.60	31	78.2	230/460	0.8	15, 30, 38
3/4	1800	56C	CEM31112	575	G03	11.06	35	81.1	230/460	1	15, 30
	3600	56C	CEM31115	618	G03	11.06	37	78.5	230/460	1.45	15
1	1800	143TC	CEM3116T	749	G03	11.62	35	85.5	230/460	1.5	1, 30
	1200	145TC	CEM3156T	765	G03	12.13	41	82.5	230/460	1.8	1
	3600	143TC	CEM3120T	650	G03	11.63	34	84	230/460	2	1
1 1/2	1800	145TC	CEM3154T	781	G03	11.62	31	86.5	230/460	2.2	1, 30
	1200	182TC	CEM3207T	923	G03	15.00	68	86.5	230/460	2.5	1
	3600	56C	CEM31155	700	G03	12.06	43	85.5	230/460	2.6	15, 30
2	1800	145TC	CEM3157T	834	G03	12.12	41	86.5	230/460	2.9	1, 30
	1200	184TC	CEM3215T	942	G03	16.5	82	87.5	230/460	3.4	1
	3600	145TC	CEM3158T	765	G03	13.00	46	85.5	230/460	3.8	1, 30
3	1800	182TC	CEM3211T	930	G03	15.00	71	89.5	230/460	4.2	1, 30
	1200	213TC	CEM3305T	1,269	G03	17.06	131	88.5	230/460	4.5	1
	3600	182TC	CEM3212T	866	G03	13.62	64	86.5	230/460	6	1, 30
5	1800	184TC	CEM3218T	1,012	G03	16.50	87	89.5	230/460	6.6	1, 30
	1200	215TC	CEM3309T	1,613	G03	18.19	141	89.5	230/460	7.4	1
	3600	184TC	CEM3219T	1,331	G03	15.00	77	88.5	230/460	8.6	1, 30
7 1/2	1800	213TC	CEM3311T	1,543	G03	17.06	118	91	230/460	9.7	1, 30
	1200	254TC	CEM2506T	2,064	G03	23.19	248	90.2	230/460	11	1
	3600	213TC	CEM3312T	1,602	G03	17.06	121	89.5	230/460	12	1, 30
10	1800	215TC	CEM3313T	1,834	G03	18.19	133	91.7	230/460	12.5	1, 30
	1200	256TC	CEM2511T	2,588	G03	23.19	255	91.7	230/460	14.3	1, 30
	3600	215TC	CEM3314T	2,207	G03	17.06	128	90.2	230/460	17.5	1, 30
15	1800	254TC	CEM2513T	2,692	G03	21.69	213	93	230/460	17.7	1, 30
	1200	284TC	CEM2524T	3,634	G03	23.81	300	91.7	230/460	20.5	1, 30
	3600	254TC	CEM2514T	2,727	G03	21.69	194	91	230/460	23.5	1, 30
20	1800	256TC	CEM2515T	2,922	G03	21.69	231	93	230/460	23.5	1, 30
	1200	286TC	CEM2528T	4,296	G03	25.06	369	92.4	230/460	27	1, 30
	3600	256TC	CEM2516T	3,209	G03	21.69	219	91.7	230/460	28	1, 30
25	1800	284TC	CEM2531T	3,749	G03	25.06	336	93.6	230/460	30	1, 30
	1200	324TC	CEM2532T	5,294	G03	27.69	383	93	230/460	34	1, 30
	3600	284TSC	CEM2534T	3,987	G03	22.44	320	91.7	230/460	35	1, 30
30	1800	286TC	CEM2535T	4,045	G03	25.06	378	94.1	230/460	35	1, 30
	1200	326TC	CEM2536T	5,487	G03	28.69	482	93.6	230/460	39	1, 30

(a) See notes on inside back flap.

Custom induction motors available up to 30,000 Hp.

Contact your sales representative for additional information.

Red catalog number indicates **NEW** product.

General purpose, three phase, open drip proof, C-Face, foot mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
40	3600	286TSC	CEM2538T	4,968	G03	22.44	330	92.4	230/460	46	1, 30
	1800	324TC	CEM2539T	5,325	G03	27.19	378	94.1	230/460	49	1, 30
50	3600	324TSC	CEM2542T	5,585	G03	25.68	375	93	230/460	56	1
	1800	326TC	CEM2543T	5,792	G03	27.69	494	94.5	230/460	57	1, 30
60	3600	326TSC	CEM2546T	6,852	G03	25.19	472	93.6	230/460	68	1
	1800	364TC	CEM2547T	7,207	G03	30.69	632	95	230/460	68	1, 30
75	3600	364TSC	CEM2549T	8,859	G03	25.81	475	93.6	230/460	82	1
	1800	365TC	CEM2551T	8,634	G03	33.72	457	95	230/460	87	1, 30
100	3600	365TSC	CEM2550T	9,406	G03	37.81	574	93.6	230/460	110	1
	1800	404TC	CEM2555T	10,036	G03	36.97	945	95.4	230/460	118	1, 30
125	3600	404TSC	CEM2554T-4	11,710	G03	31.85	894	94.1	460	143	1, 25
	1800	405TC	CEM2559T-4	12,068	G03	34.47	955	95.4	460	143	1, 25

(a) See notes on inside back flap.

Custom induction motors available up to 30,000 Hp.

Contact your sales representative for additional information.

Red catalog number indicates **NEW** product.

General purpose, three phase, open drip proof, C-Face, footless

1/4 thru 30 Hp

IP22



Features:

- Footless design reduces weight and improves safety
- Locked DE bearing to allow mounting in any configuration
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2 unless note 38 is indicated
- 60 Hz designs with 50 Hz information on 2,4,6 pole 1-125 Hp ratings
- Designed for longevity with a 3 year warranty on premium efficient Super-E® motors
- Optimized airflow design providing higher horsepower in a smaller package

Applications:

- Fans
- Pumps
- Blowers
- Conveyors
- Compressors
- Industrial machines
- Other general purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/4	1800	56C	KEM30003	455	G03	11.35	21	69.5	230/460	0.5	15, 30, 38
1/3	3600	56C	KEM30006	476	G03	11.22	22	69.5	230/460	0.6	15, 30, 38
	1800	56C	VEM31104	479	G03	11.22	24	73.4	230/460	0.7	15, 30, 38
1/2	3600	56C	VEM31107	510	G03	11.22	24	73.4	230/460	0.8	15, 30, 38
	1800	56C	VEM31108	525	G03	12.72	31	78.2	230/460	0.8	15, 30, 38
	1200	56C	VEM31109	571	G03	13.35	34	75.3	230/460	1	15, 30, 38
3/4	3600	56C	VEM31111	508	G03	11.22	25	76.8	230/460	1.2	15, 30, 38
	1800	56C	VEM31112	575	G03	12.23	32	81.1	230/460	1	15, 30
	1200	56C	VEM31153	696	G03	13.23	39	81.7	230/460	1.3	15, 30
		143TC	VM3153T	606	G03	13.41	32	77	230/460	1.5	30, 38
1	3600	56C	VEM31115	520	G03	11.84	27	77	230/460	1.6	15, 30, 38
	1800	56C	VEM31116	604	G03	12.23	37	83.5	230/460	1.5	15, 30
		143TC	VEM3116T	749	G03	12.25	38	85.5	230/460	1.5	1, 30
	1200	143TC	VEM3156T	765	G03	13.25	39	82.5	230/460	1.8	1, 30
1 1/2	3600	56C	VEM31120	536	G03	12.23	34	84	230/460	2	15, 30
	1800	143TC	VEM3120T	650	G03	12.25	34	84	230/460	2	1, 30
		56C	VEM31154	659	G03	13.23	35	86.5	230/460	2.2	15, 30
	1200	145TC	VEM3159T	889	G03	15.92	68	86.5	230/460	2.5	1, 30
2	3600	56C	VEM31155	700	G03	13.23	43	85.5	230/460	2.6	15, 30
	1800	143TC	VEM3155T	756	G03	13.25	43	86.5	230/460	2.5	1, 30
		56C	VEM31157	690	G03	14.12	48	86.5	230/460	3	15, 30
	1200	184TC	VEM3157T	741	G03	13.25	43	86.5	230/460	2.9	1, 30
3	3600	56C	VEM31158	669	G03	13.24	50	85.5	230/460	3.8	15, 30
	1800	145TC	VEM3158T	765	G03	14.18	50	85.5	230/460	3.7	1, 30
		182TC	VEM3161T	794	G03	15.92	74	89.5	230/460	4.2	1, 30
	1200	213TC	VEM3211T	930	G03	16.54	74	89.5	230/460	4.2	1, 30
5	3600	182TC	VEM3305T	1,269	G03	17.94	137	88.5	230/460	4.5	1, 30
	1800	182TC	VEM3212T	866	G03	16.54	64	86.5	230/460	6	1, 30
		184TC	VEM3218T	1,012	G03	18.03	92	89.5	230/460	6.6	1, 30
	1200	215TC	VEM3309T	1,613	G03	19.07	141	89.5	230/460	7.4	1, 30
7 1/2	3600	184TC	VEM3219T	1,331	G03	16.54	77	88.5	230/460	8.6	1, 30
	1800	213TC	VEM3311T	1,543	G03	17.94	120	91	230/460	9.7	1, 30
10	3600	213TC	VEM3312T	1,602	G03	17.94	121	89.5	230/460	12	1, 30
	1800	215TC	VEM3313T	1,834	G03	19.07	132	91.7	230/460	12.5	1, 30
15	3600	215TC	VEM3314T	2,207	G03	17.94	131	90.2	230/460	17.5	1, 30
	1800	254TC	VEM2513T	2,692	G03	22.25	234	93	230/460	17.7	1, 30
20	3600	254TC	VEM2514T	2,727	G03	22.25	185	91	230/460	23.5	1, 30
	1800	256TC	VEM2515T	2,922	G03	22.25	220	93	230/460	23.5	1, 30
25	3600	254TC	VEM2516T	3,209	G03	22.00	233	91.7	230/460	28	1, 30
	1800	284TC	VEM2531T	3,749	G03	25.50	377	93.6	230/460	30	1, 30
30	3600	284TSC	VEM2534T	3,987	G03	25.10	320	91.7	230/460	35	1, 30

(a) See notes on inside back flap.

Custom induction motors available up to 30,000 Hp.

Contact your sales representative for additional information.

For more information visit baldor.com or new.abb.com/motors-generators

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

General purpose, F-2 mount, three phase, TEFC and ODP, foot mounted

1 thru 100 Hp

TEFC
IP44*

ODP
IP22



Features:

- Suitable for inverter use per NEMA MG1 Part 31.4.4.2 unless note 38 is indicated
- Designed for longevity with a 3 year warranty on premium efficient Super-E® motors
- Dynamically balanced rotor to increase bearing life
- Cast iron or heavy gauge steel design

Applications:

- Fans
- Pumps
- Blowers
- Conveyors
- Compressors
- Industrial machines
- Other general purpose F-2 applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Totally enclosed fan cooled, 230/460 volts											
1	1800	143T	EFM3546T	738	GE3	12.31	35	85.5	230/460	1.5	1, 30
1 1/2	1800	145T	EFM3554T	820	GE3	13.31	41	86.5	230/460	2.2	1, 30
2	1800	145T	EFM3558T	867	GE3	13.31	41	86.5	230/460	2.9	1, 30
3	3600	182T	EFM3610T	882	GE3	15.14	73	86.5	230/460	3.6	1, 30
	1800	182T	EFM3611T	890	GE3	16.55	73	89.5	230/460	4.2	1, 30
5	3600	184T	EFM3613T	978	GE3	16.55	75	88.5	230/460	5.9	1, 30
	1800	184T	EFM3615T	919	GE3	18.06	91	89.5	230/460	6.7	1, 30
7 1/2	3600	213T	EFM3709T	1,465	GE3	17.91	128	89.5	230/460	9	1, 30
	1800	213T	EFM3710T	1,326	GE3	19.01	128	91.7	230/460	9.4	1, 30
10	3600	215T	EFM3711T	1,485	GE3	17.91	119	90.2	230/460	11.8	1, 30
	1800	215T	EFM3714T	1,497	GE3	20.51	165	91.7	230/460	12	1, 30
15	3600	254T	EFM2394T	2,520	GE3	23.16	256	91	230/460	17.5	1, 30
	1800	254T	EFM2333T	2,306	GE3	23.28	256	92.4	230/460	18.1	1, 30
	1200	284T	EFM4100T	3,880	GE3	27.76	372	91.7	230/460	21	1, 30
20	1800	256T	EFM2334T	2,796	GE3	23.28	276	93	230/460	24	1, 30
	1200	286T	EFM4102T	5,166	GE3	27.76	437	91.7	230/460	27	1, 30
25	1800	284T	EFM4103T	3,657	GE3	27.76	452	93.6	230/460	30	1, 30
30	1800	286T	EFM4104T	4,338	GE3	27.76	408	93.6	230/460	36	1, 30
40	1800	324T	EFM4110T	5,673	GE3	30.28	572	94.1	230/460	48	1, 30
	1200	364T	EFM4308T	8,414	GE3	33.48	899	94.1	230/460	49.4	1, 30
	3600	326TS	EFM4114T	6,429	GE3	28.78	578	93	230/460	56	1, 30
50	1800	326T	EFM4115T	6,199	GE3	30.28	640	94.5	230/460	58	1, 30
	1200	365T	EFM4312T	10,167	GE3	33.49	868	94.1	230/460	61.7	1, 30
60	1800	364T	EFM4314T	8,919	GE3	33.44	800	95	230/460	68	1, 30
	1200	404T	EFM4403T	12,341	GE3	38.04	1322	95	230/460	69	1, 30
75	1800	365T	EFM4316T	10,429	GE3	33.44	840	95.4	230/460	84.9	1, 30
	1200	405T	EFM4404T	14,371	GE3	38.04	1300	94.5	230/460	86.8	1, 30
100	1800	405T	EFM4400T	11,494	GE3	38.31	1160	95.4	230/460	112	1, 30
	1200	444T	EFM4409T-4	17,345	GE3	44.75	1625	95	460	119	1
Open drip proof, 230/460 volts											
1	1800	145T	EFM3116T	711	G03	11.12	35	85.5	230/460	1.5	1, 30
1 1/2	1800	145T	EFM3154T	743	G03	11.62	38	86.5	230/460	2.2	1, 30
2	1800	145T	EFM3157T	796	G03	12.12	40	86.5	230/460	2.9	1, 30
3	1800	182T	EFM3211T	858	G03	15.00	68	89.5	230/460	4.2	1, 30
5	3600	182T	EFM3212T	794	G03	13.62	61	86.5	230/460	6	1, 30
	1800	184T	EFM3218T	940	G03	16.50	84	89.5	230/460	6.6	1, 30
7 1/2	3600	184T	EFM3219T	1,259	G03	15.00	77	88.5	230/460	8.6	1, 30
	1800	213T	EFM3311T	1,381	G03	16.32	114	91	230/460	9.7	1, 30
10	3600	213T	EFM3312T	1,440	G03	16.32	107	89.5	230/460	12	1, 30
	1800	215T	EFM3313T	1,672	G03	17.45	125	91.7	230/460	12.5	1, 30
15	3600	215T	EFM3314T	2,045	G03	16.32	123	90.2	230/460	17.5	1, 30
	1800	254T	EFM2513T	2,367	G03	21.69	214	93	230/460	17.7	1, 30

(a) See notes on inside back flap.

■ Cast iron frame

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

For more information visit baldor.com or new.abb.com/motors-generators

General purpose, F-2 mount, three phase, TEFC and ODP, foot mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Open drip proof, 230/460 volts (continued)											
20	1800	256T	EFM2515T	2,597	G03	21.69	226	93	230/460	23.5	1, 30
25	1800	284T	EFM2531T	3,166	G03	25.06	313	93.6	230/460	30	1, 30
30	1800	286T	EFM2535T	3,462	G03	25.06	339	94.1	230/460	35	1, 30
40	1800	324T	EFM2539T	4,516	G03	27.19	392	94.1	230/460	49	1, 30
50	1800	326T	EFM2543T	4,983	G03	27.69	547	94.5	230/460	57	1, 30
60	1800	364T	EFM2547T	6,274	G03	30.69	622	95	230/460	68	1, 30
Open drip proof, 200 volts											
2	1800	145T	EFM3157T-8	804	G03	12.12	40	86.5	200	6.5	1, 68
3	1800	182T	EFM3211T-8	870	G03	15.00	70	89.5	200	9.7	1, 68
5	1800	184T	EFM3218T-8	956	G03	16.50	82	89.5	200	15.3	1, 68
7 1/2	1800	213T	EFM3311T-8	1,401	G03	16.32	111	91	200	22.3	1, 68
		213T	FM3311T-8	866	G03	17.00	96	88.5	200	23	16, 68
10	1800	215T	EFM3313T-8	1,696	G03	17.45	127	91.7	200	29.5	1, 68
15	1800	254T	EFM2513T-8	2,394	G03	21.69	209	93	200	40.7	1, 68
20	1800	256T	EFM2515T-8	2,627	G03	21.69	226	93	200	54.3	1, 24, 69

(a) See notes on inside back flap.

Custom induction motors available up to 30,000 Hp.

Contact your sales representative for additional information.

Severe duty motors



Baldor-Reliance® severe duty motors include features designed to protect against contamination, moisture, vibration and corrosion. These motors use Super-E® premium efficient electrical designs which are built to handle demanding duty cycles, provide high starting and peak torques, and operate over wide speed ranges. Severe Duty motors provide safe, long operating life, reliable performance, and reduced energy consumption in the toughest applications.

Key features:

- Heavy duty cast iron construction
- Premium efficient electrical designs
- Enhanced ingress protection
- Corrosion resistant epoxy finish

For Large AC severe duty motors see ABB NXR Series

1/2 - 800 Horsepower

Product line		XT*	XEX	841XL	661XL	Dirty Duty Plus	Quarry Duty	Crusher Duty
	Frame size range for stock products	143T-449T	143T-588	143T-449T	182T-365T	56-256T	145T-215T	180T-588
Electrical features								
Efficiency	Baldor-Reliance motors meet or exceed all efficiency requirements for US, Canada and Mexico regulations	S	S	S	S	S	S	S
Torque	NEMA Design B torques as a minimum	S	S	S	S	S	-	-
	NEMA Design C: High torque	-	-	-	-	-	S	-
	NEMA Design A: High torque design exceed NEMA Design C	-	-	-	-	-	-	S
Service factor and temperature rise	1.15 service factor – continuous	S	S	S	S	S	S	-
	1.25 service factor up to 100 Hp, 1.15 service factor over 100 Hp – continuous	-	-	-	-	-	-	S
	Class F insulation with Class B rise @ 1.0 service factor	S	S	S	S	S	S	S
Inverter	Suitable for inverter use per NEMA MG1 Part 31.4.4.2	S	S	S	S	S	S	S
Mechanical features								
IP code	IP54 enclosure ingress protection	S	-	-	-	-	-	-
	IP55 enclosure ingress protection (5008-5810 frames are IP54 rated)	-	S	-	-	-	S	S
	IP56 enclosure ingress protection	-	-	S	S	S	-	-
	IP66 enclosure ingress protection 586-588 frames	-	S	-	-	-	-	S
Frame	Steel band frame – aluminum endplates, cast iron conduit box, steel fan cover	-	-	-	-	S	-	-
	Cast iron frame	S	S	S	S	-	-	S
	Cast iron frame, endplates, conduit box & fan cover (5008-5810 frames have fabricated steel box and fan covers)	-	S	S	S	-	-	S
	Vertical lifting provisions for shaft up or down mounting	-	-	-	S	-	-	-
Shaft seals	Sealed joints between frame and endplates	-	S	S	S	S	S	S
	Neoprene V-ring slinger – DE & ODE	S	S	-	-	-	S	S
	Non-contact, rotating labyrinth seal – DE & ODE, 143T-449T frames	-	-	S	S	S	-	-
	Non-contact, rotating labyrinth seal – DE & ODE, 586-588 frames	-	-	S	S	S	-	-
Bearings and lubrication	Large dome slinger – DE	-	-	-	S	-	-	-
	Ball bearings designs	S	S	S	-	S	S	S
	Roller bearing designs available for belted applications	-	S	S	S	-	-	S
	Bearings: Non regreasable, lubed for life, double sealed	S	-	-	-	S	-	-
Paint	Bearings: Regreasable with grease inlet fitting and outlet threaded plug or easy access relief on DE & ODE	S	S	-	-	-	S	S
	Bearings: Regreasable with PLS lubrication system 140T-449T frames. Grease inlet & auto relief fittings on DE & ODE. (Also included on ECP/XEX & Crusher duty 360T-449T frames)	-	-	S	S	-	-	-
	Paint: Corrosion resistant 2 part epoxy paint system, exceeding 300 hrs. salt fog test per ASTM B 117, epoxy coated rotor and stator	S	S	S	S	-	S	S
	Paint: Corrosion resistant 2 part epoxy paint system, exceeding 2,000 hrs. salt fog test per ASTM B 117, epoxy coated rotor and stator	-	-	-	-	S	-	-
Conduit box	Conduit box: Oversized, lipped cover, threaded NPT inlet and rotatable in 90 degree increments	S	S	S	S	-	-	S
	Conduit box: Oversized, split with lipped cover, terminal strips and threaded NPT inlet, rotatable in 90 degree increments with gland plate 586-587 frame	-	S	-	-	-	-	S
	Conduit box: Oversized, lipped cover, threaded NPT inlet, rotatable in 180 degree increments	-	-	-	-	S	S	-
Nameplate	Nameplate: Stainless steel embossed raised letter	-	S	S	S	S	-	S
	Nameplate: Stainless steel laser etched letter	S	-	-	-	-	S	-
Other key features								
Certifications and tests	Nameplate marked Class I, Division 2, Groups A, B, C, D with T2 temperature code or better.	S	S	S	S	-	-	-
	Meets and exceeds IEEE 841	-	-	S	S	-	-	-
	Meets and exceeds IEEE 45	-	-	S	S	S	-	-
	Documented final motor test – ships with motor	-	-	S	S	-	-	-
Warranty	Warranty – in years from date of manufacture	3	3	5	5	3	3	3

S = Standard

***Coming soon, accepting orders now! Contact your local rep for more information.**

NEW!

XT severe duty, three phase, totally enclosed, 230/460 volts, 460 volts, foot mounted

1 thru 300 Hp

Coming soon, accepting orders now! Contact your local rep for more information.**IP54****Features:**

- Robust cast iron frame construction
- Compatible with ABB Ability™ smart sensor
- Laser etched nameplate
- Multi-color leads, for ease of connections
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2
- Division 2, Class I, Groups A,B,C,D markings on nameplate
- Sealed bearings on 143T-256T frames
- Designed for longevity with a 3 year warranty

Applications:

- Chemical, oil & gas
- Pulp & paper, forest products
- Metals & foundries
- Cement, aggregate & above ground mining
- Food processing
- Power generation
- Water & wastewater treatment

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volts & 460 volts											
1	3600	143T	XT3012T	892	XTM	12.54	53	84	208-230/460	1.4	1
	1800	143T	XT3014T	875	XTM	12.54	58	87.5	208-230/460	1.5	1
	1200	145T	XT3016T	979	XTM	12.54	56	82.5	208-230/460	1.7	1
1.5	3600	143T	XT30152T	945	XTM	12.54	58	85.5	208-230/460	2	1
	1800	145T	XT30154T	985	XTM	12.54	63	88.5	208-230/460	2.1	1
	1200	182T	XT30156T	1,140	XTM	15.23	99	87.5	208-230/460	2.5	1
2	3600	143T	XT3022T	992	XTM	12.54	64	86.5	208-230/460	2.5	1
	1800	145T	XT3024T	1,015	XTM	12.54	65	88.5	208-230/460	2.8	1
	1200	182T	XT3026T	1,265	XTM	15.23	113	88.5	208-230/460	3.2	1
3	3600	145T	XT3032T-140	1,123	XTM	12.54	64	86.5	208-230/460	3.6	1
		182T	XT3032T	1,138	XTM	15.23	99	88.5	208-230/460	3.4	1
	1800	182T	XT3034T	1,100	XTM	15.23	105	89.5	208-230/460	4.1	1
	1200	213T	XT3036T	1,498	XTM	18.47	194	90.2	208-230/460	4.5	1
5	3600	184T	XT3052T	1,295	XTM	15.23	115	90.2	208-230/460	5.7	1
	1800	184T	XT3054T	1,215	XTM	15.23	115	89.5	208-230/460	6.5	1
	1200	215T	XT3056T	1,910	XTM	18.47	203	89.5	208-230/460	8	1
7.5	3600	184T	XT3072T-180	1,539	XTM	15.23	123	89.5	208-230/460	8.4	1
		213T	XT3072T	1,747	XTM	18.47	171	91	208-230/460	8.6	1
	1800	213T	XT3074T	1,700	XTM	18.47	203	91.7	208-230/460	9.5	1
	1200	254T	XT3076T	2,891	XTM	23.19	302	91	230/460	10.5	1, 30
10	3600	215T	XT3102T	2,033	XTM	18.47	198	91	208-230/460	11.9	1
	1800	215T	XT3104T	2,020	XTM	18.47	231	92.4	208-230/460	12.5	1
	1200	256T	XT3106T	3,510	XTM	23.19	322	91	230/460	14.1	1, 30
15	3600	215T	XT3152T-210	2,511	XTM	18.47	225	91	208-230/460	16.9	1
		254T	XT3152T	2,911	XTM	23.19	239	91	230/460	17.5	1, 30
	1800	254T	XT3154T	2,915	XTM	23.19	268	92.4	230/460	17.6	1, 30
	1200	284T	XT3156T	4,973	XTM	27.76	391	91.7	230/460	21	1, 30
20	3600	256T	XT3202T	3,595	XTM	23.19	229	91	230/460	23	1, 30
	1800	256T	XT3204T	3,490	XTM	23.19	322	93	230/460	24	1, 30
	1200	286T	XT3206T	5,977	XTM	27.76	437	91.7	230/460	27	1, 30
25	3600	254T	XT3252T-250	4,073	XTM	23.19	299	91.7	230/460	27	1, 30
		284TS	XT3252TS	4,553	XTM	26.39	396	91.7	230/460	28	1, 30
	1800	284T	XT3254T	4,300	XTM	27.76	437	93.6	230/460	30	1, 30
	1200	324T	XT3256T	6,830	XTM	30.28	605	93	230/460	32	1, 30

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates **NEW** product.**NEW!**For more information visit baldor.com or new.abb.com/motors-generators

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

NEW!**XT severe duty, three phase, totally enclosed, 230/460 volts, 460 volts, foot mounted****Coming soon, accepting orders now! Contact your local rep for more information.**

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volts & 460 volts (continued)											
30	3600	286TS	XT3302TS	5,268	XTM	26.39	444	91.7	230/460	34	1, 30
	1800	286T	XT3304T	5,100	XTM	27.76	460	93.6	230/460	38	1, 30
	1200	326T	XT3306T	7,835	XTM	30.28	630	93	230/460	39	1, 30
40	3600	324TS	XT3402TS	6,853	XTM	28.78	587	93	230/460	45	1, 30
	1800	324T	XT3404T	6,600	XTM	30.28	600	94.1	230/460	48	1, 30
	1200	364T	XT3406T	10,483	XTM	33.48	908	94.1	230/460	49.8	1
50	3600	326TS	XT3502TS	8,487	XTM	28.78	575	93	230/460	56	1, 30
	1800	326T	XT3504T	8,200	XTM	30.28	700	94.5	230/460	57	1, 30
	1200	365T	XT3506T	12,360	XTM	33.48	908	94.1	230/460	61.7	1
60	3600	364TS	XT3602TS	12,307	XTM	31.35	999	93.6	230/460	65.1	1
	1800	364T	XT3604T	11,400	XTM	33.48	947	95	230/460	70	1
	1200	404T	XT3606T	14,771	XTM	38.19	1,322	94.5	230/460	69.3	1
75	3600	365TS	XT3752TS	14,374	XTM	31.35	1,005	93.6	230/460	81.8	1
	1800	365T	XT3754T	13,500	XTM	33.48	965	95.4	230/460	86	1
	1200	405T	XT3756T	17,339	XTM	38.19	1,322	94.5	230/460	87	1
100	3600	405TS	XT31002TS	19,251	XTM	35.19	1,327	94.1	230/460	110	1
	1800	405T	XT31004T	18,750	XTM	38.19	1,375	95.4	230/460	114	1
	1200	444T	XT31006T-4	25,604	XTM	44.97	1,800	95	460	115	1
125	3600	444TS	XT31252TS	24,630	XTM	41.22	1,539	95	230/460	138	1
	1800	445T	XT31254T-4	23,650	XTM	44.97	1,669	95.4	460	144	1
	1200	445T	XT31256T-4	29,397	XTM	44.97	1,913	95	460	144	1
150	3600	445TS	XT31502TS-4	30,263	XTM	41.22	2,017	95	460	165	1
	1800	445T	XT31504T-4	27,920	XTM	44.97	1,826	95.8	460	169	1
	1200	447T	XT31506T-4	33,807	XTM	48.22	2,571	95.8	460	175	1
200	3600	447TS	XT32002TS-4	35,175	XTM	44.72	2,330	96.2	460	213	1
	1800	447T	XT32004T-4	33,815	XTM	48.22	2,676	96.2	460	222	1
	1200	449T	XT32006T-4	41,368	XTM	53.22	2,789	95.8	460	225	1
250	3600	449TS	XT32502TS-4	53,033	XTM	49.72	2,595	95.8	460	269	1
	1800	447T	XT32504T-4	42,850	XTM	53.22	2,888	96.2	460	276	1
	1200	449T	XT32506T-4	56,842	XTM	53.22	3,125	95.8	460	286	1
300	3600	449TS	XT33002TS-4	61,396	XTM	49.72	2,595	95.8	460	324	1
	1800	449T	XT33004T-4	50,350	XTM	53.47	3,130	96.2	460	334	1

(a) See notes on inside back flap.

■ Cast iron frame

Red catalog number indicates **NEW** product.**NEW!**

NEW!

XT severe duty, three phase, totally enclosed, 230/460 volts, 460 volts, C-Face 1 thru 300 Hp

Coming soon, accepting orders now! Contact your local rep for more information.

IP54**Features:**

- Robust cast iron frame construction
- Compatible with ABB Ability™ smart sensor
- Laser etched nameplate
- Multi-color leads, for ease of connections
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2
- Division 2, Class I, Groups A,B,C,D markings on nameplate
- Sealed bearings on 143T-256T frames
- Designed for longevity with a 3 year warranty

Applications:

- Chemical, oil & gas
- Pulp & paper, forest products
- Metals & foundries
- Cement, aggregate & above ground mining
- Food processing
- Power generation
- Water & wastewater treatment

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face, foot mounted											
1	3600	143TC	CXT3012T	930	XTM	12.54	53	84	208-230/460	1.4	1
	1800	143TC	CXT3014T	913	XTM	12.54	58	87.5	208-230/460	1.5	1
	1200	145TC	CXT3016T	1017	XTM	12.54	56	82.5	208-230/460	1.7	1
1.5	3600	143TC	CXT30152T	985	XTM	12.54	58	85.5	208-230/460	2	1
	1800	145TC	CXT30154T	1035	XTM	12.54	63	88.5	208-230/460	2.1	1
	1200	182TC	CXT30156T	1190	XTM	15.98	99	87.5	208-230/460	2.5	1
2	3600	143TC	CXT3022T	1032	XTM	12.54	64	86.5	208-230/460	2.5	1
	1800	145TC	CXT3024T	1055	XTM	12.54	65	88.5	208-230/460	2.8	1
	1200	182TC	CXT3026T	1325	XTM	15.98	113	88.5	208-230/460	3.2	1
3	3600	145TC	CXT3032T-140	1163	XTM	12.54	64	86.5	208-230/460	3.6	1
	1800	182TC	CXT3032T	1198	XTM	15.98	99	88.5	208-230/460	3.4	1
	1200	182TC	CXT3034T	1160	XTM	15.98	105	89.5	208-230/460	4.1	1
5	3600	184TC	CXT3052T	1355	XTM	15.98	105	90.2	208-230/460	5.7	1
	1800	184TC	CXT3054T	1275	XTM	15.98	115	89.5	208-230/460	6.5	1
	1200	215TC	CXT3056T	1985	XTM	19.20	203	89.5	208-230/460	8	1
7.5	3600	184TC	CXT3072T-180	1599	XTM	15.98	123	89.5	208-230/460	8.4	1
	1800	213TC	CXT3072T	1832	XTM	19.20	171	91	208-230/460	8.6	1
	1200	213TC	CXT3074T	1785	XTM	19.20	203	91.7	208-230/460	9.8	1
10	3600	254TC	CXT3076T	3001	XTM	23.76	302	91	230/460	10.5	1, 30
	1800	215TC	CXT3102T	2118	XTM	19.20	198	91	208-230/460	11.9	1
	1200	215TC	CXT3104T	2105	XTM	19.20	231	92.4	208-230/460	12.5	1
15	3600	256TC	CXT3106T	3620	XTM	23.76	322	91	230/460	14.1	1, 30
	1800	215TC	CXT3152T-210	2596	XTM	19.20	225	91	208-230/460	16.9	1
	1200	254TC	CXT3152T	3021	XTM	23.80	253	91	230/460	17.5	1, 30
20	3600	284TC	CXT3154T	3025	XTM	23.80	268	92.4	230/460	17.6	1, 30
	1800	284TC	CXT3156T	5143	XTM	27.76	437	91.7	230/460	21	1, 30
	1200	256TC	CXT3202T	3705	XTM	23.80	229	91	230/460	23	1, 30
25	3600	256TC	CXT3204T	3600	XTM	23.80	322	93	230/460	24	1, 30
	1800	286TC	CXT3206T	6147	XTM	27.76	437	91.7	230/460	27	1, 30
	1200	254TC	CXT3252T-250	4183	XTM	23.80	299	91.7	230/460	29	1, 30
30	3600	284TSC	CXT3252TS	4723	XTM	26.19	396	91.7	230/460	28	1, 30
	1800	284TC	CXT3254T	4470	XTM	27.76	437	93.6	230/460	30	1, 30
	1200	324TC	CXT3256T	7055	XTM	30.28	605	93	230/460	32	1, 30

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates **NEW** product.

NEW!

For more information visit baldor.com or new.abb.com/motors-generators

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

NEW!

XT severe duty, three phase, totally enclosed, 230/460 volts, 460 volts, C-Face
Coming soon, accepting orders now! Contact your local rep for more information.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face, foot mounted (continued)											
30	3600	286TSC	CXT3302TS	5438	XTM	26.19	444	91.7	230/460	34	1, 30
	1800	286TC	CXT3304T	5270	XTM	27.76	460	93.6	230/460	38	1, 30
	1200	326TC	CXT3306T	8060	XTM	30.28	630	93	230/460	39	1, 30
40	3600	324TSC	CXT3402TS	7078	XTM	28.78	587	93	230/460	45	1, 30
	1800	324TC	CXT3404T	6825	XTM	30.28	600	94.1	230/460	48	1, 30
	1200	364TC	CXT3406T	11198	XTM	33.48	908	94.1	230/460	49.8	1
50	3600	326TSC	CXT3502TS	8712	XTM	28.78	635	93	230/460	56	1, 30
	1800	326TC	CXT3504T	8425	XTM	30.28	700	94.5	230/460	57	1, 30
	1200	365TC	CXT3506T	13075	XTM	33.48	908	94.1	230/460	61.7	1
60	3600	364TSC	CXT3602TS	13022	XTM	31.35	999	93.6	230/460	65.1	1
	1800	364TC	CXT3604T	12115	XTM	33.48	947	95	230/460	70	1
	3600	365TSC	CXT3752TS	15089	XTM	31.35	1005	93.6	230/460	81.8	1
75	1800	365TC	CXT3754T	14215	XTM	33.48	965	95.4	230/460	86	1
	3600	405TSC	CXT31002TS	20146	XTM	35.20	1327	94.1	230/460	110	1
	1800	405TC	CXT31004T-4	19645	XTM	38.19	1375	95.4	460	115	1
125	1800	445TC	CXT31254T-4	25252	XTM	44.97	1669	95.4	460	144	1
150	1800	445TC	CXT31504T-4	29050	XTM	44.97	1826	95.8	460	169	1
200	1800	447TC	CXT32004T-4	35417	XTM	48.47	2676	96.2	460	222	1
250	1800	447TC	CXT32504T-4	44452	XTM	53.22	2888	96.2	460	276	1
300	1800	449TC	CXT33004T-4	51952	XTM	53.47	3027	96.2	460	334	1
C-Face, footless											
1	3600	143TC	VXT3012T	930	XTM	12.54	53	84	208-230/460	1.4	1
	1800	143TC	VXT3014T	913	XTM	12.54	58	87.5	208-230/460	1.5	1
	1200	145TC	VXT3016T	1017	XTM	12.54	56	82.5	208-230/460	1.7	1
1.5	3600	143TC	VXT30152T	985	XTM	12.54	58	85.5	208-230/460	2	1
	1800	145TC	VXT30154T	1035	XTM	12.54	63	88.5	208-230/460	2.1	1
	1200	182TC	VXT30156T	1190	XTM	15.98	99	87.5	208-230/460	2.5	1
2	3600	143TC	VXT3022T	1032	XTM	12.54	64	86.5	208-230/460	2.5	1
	1800	145TC	VXT3024T	1055	XTM	12.54	65	88.5	208-230/460	2.8	1
	1200	182TC	VXT3026T	1325	XTM	15.98	115	88.5	208-230/460	3.5	1
3	3600	145TC	VXT3032T-140	1163	XTM	12.54	64	86.5	208-230/460	3.6	1
	1800	182TC	VXT3032T	1198	XTM	15.98	99	88.5	208-230/460	3.4	1
	1200	213TC	VXT3036T	1583	XTM	19.25	171	90.2	208-230/460	4.5	1
5	3600	184TC	VXT3052T	1355	XTM	15.98	115	90.2	208-230/460	5.7	1
	1800	184TC	VXT3054T	1275	XTM	15.98	115	89.5	208-230/460	6.5	1
	1200	215TC	VXT3056T	1995	XTM	19.25	203	89.5	208-230/460	8	1
7.5	3600	184TC	VXT3072T-180	1599	XTM	15.98	123	89.5	208-230/460	8.4	1
	1800	213TC	VXT3072T	1832	XTM	19.25	171	91	208-230/460	8.6	1
	1200	213TC	VXT3074T	1785	XTM	19.25	203	91.7	208-230/460	9.5	1
10	3600	254TC	VXT3076T	3001	XTM	23.76	302	91	230/460	10.5	1, 30
	1800	215TC	VXT3102T	2118	XTM	19.25	198	91	208-230/460	11.9	1
	1200	215TC	VXT3104T	2105	XTM	19.25	231	92.4	208-230/460	12.5	1
15	3600	256TC	VXT3106T	3620	XTM	23.76	322	91	230/460	14.1	1, 30
	1800	215TC	VXT3152T-210	2596	XTM	19.25	225	91	208-230/460	16.9	1
	1200	254TC	VXT3152T	3021	XTM	23.76	239	91	230/460	17.5	1, 30
20	3600	254TC	VXT3154T	3025	XTM	23.76	268	92.4	230/460	17.6	1, 30
	1800	284TC	VXT3156T	5143	XTM	27.76	437	91.7	230/460	21	1, 30
	1200	256TC	VXT3202T	3705	XTM	23.80	310	91	230/460	23	1, 30
25	3600	256TC	VXT3204T	3600	XTM	23.80	322	93	230/460	24	1, 30
	1800	286TC	VXT3206T	6147	XTM	27.76	437	91.7	230/460	27	1, 30
	1200	254TC	VXT3252T-250	4183	XTM	23.76	299	91.7	230/460	27	1, 30
30	3600	284TSC	VXT3252TS	4723	XTM	26.39	396	91.7	230/460	28	1, 30
	1800	284TC	VXT3254T	4470	XTM	27.76	437	93.6	230/460	30	1, 30
	1200	324TC	VXT3256T	7055	XTM	30.28	605	93	230/460	32	1, 30
30	3600	286TSC	VXT3302TS	5438	XTM	26.39	396	91.7	230/460	34	1, 30
	1800	286TC	VXT3304T	5270	XTM	27.76	460	93.6	230/460	36	1, 30

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates **NEW** product.**NEW!**For more information visit baldor.com or new.abb.com/motors-generators

XEX severe duty, three phase, totally enclosed, 230/460 volts, 460 volts and 575 volts, foot mounted

1 thru 800 Hp

IP55

IP66



Features:

- Robust cast iron construction
- Regreasable bearings all frames
- IP55 on 143T-L449T frames
- IP66 on 586-588 frames
- Embossed raised letter, 304 stainless steel nameplates
- Inverter ready nameplate
- Division 2, Class I, Groups A,B,C,D markings on nameplate
- Division 2, Class II, Groups F & G, T4 on 586/7/8 frames
- Insulated NDE bearing on 586/7/8

Applications:

- Chemical, oil & gas
- Pulp & paper, forest products
- Metals & foundries
- Cement, aggregate & above ground mining
- Food processing
- Power generation
- Water & wastewater treatment

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volts & 460 volts											
1	3600	143T	ECP3580T	950	SDM	12.95	59	84	230/460	1.4	1
		143T	ECP3580T-4	950	SDM	12.95	59	84	460	1.4	1
	1800	143T	ECP3581T	1,044	SDM	12.88	64	87.5	230/460	1.5	1, 30
		143T	ECP3581T-4	1,044	SDM	12.88	61	87.5	460	1.5	1
	1200	145T	ECP3582T	1,153	SDM	12.88	68	82.5	230/460	1.7	1, 30
		145T	ECP3582T-4	1,153	SDM	12.88	69	82.5	460	1.7	1
1 1/2	900	182T	ECP3687T-4	1,619	SDM	15.93	103	78.5	460	2	1
	3600	143T	ECP3583T	1,080	SDM	12.95	67	85.5	230/460	2	1, 30
		143T	ECP3583T-4	1,080	SDM	12.95	67	85.5	460	2	1
	1800	145T	ECP3584T	1,063	SDM	12.88	69	88.5	230/460	2.1	1, 30
		145T	ECP3584T-4	1,063	SDM	12.88	72	88.5	460	2.1	1
	1200	182T	ECP3667T	1,349	SDM	15.93	108	87.5	230/460	2.5	1, 30
2	3600	182T	ECP3667T-4	1,349	SDM	15.93	108	87.5	460	2.5	1
		184T	ECP3668T-4	2,015	SDM	15.93	110	80	460	3.2	1
	1800	145T	ECP3586T	1,130	SDM	12.95	74	86.5	230/460	2.5	1, 30
		145T	ECP3586T-4	1,130	SDM	12.95	74	86.5	460	2.5	1
	1200	145T	ECP3587T	1,110	SDM	12.88	75	88.5	230/460	2.8	1, 30
		145T	ECP3587T-4	1,110	SDM	12.88	73	88.5	460	2.8	1
3	3600	184T	ECP3664T	1,366	SDM	15.93	122	88.5	230/460	3.2	1
		184T	ECP3664T-4	1,366	SDM	15.93	120	88.5	460	3.2	1
	1800	213T	ECP3772T-4	2,541	SDM	19.50	179	85.5	460	3.8	1
		182T	ECP3660T	1,336	SDM	15.93	104	88.5	230/460	3.4	1, 30
	1200	182T	ECP3660T-4	1,336	SDM	15.93	106	88.5	460	3.4	1
		182T	ECP3661T	1,404	SDM	15.93	110	89.5	230/460	4.1	1, 30
5	3600	182T	ECP3661T-4	1,404	SDM	15.93	112	89.5	460	4.1	1
		213T	ECP3764T	1,971	SDM	19.50	185	90.2	230/460	4.5	1, 30
	1800	213T	ECP3764T-4	1,971	SDM	19.50	209	89.5	460	4.5	1
		215T	ECP3775T-4	2,755	SDM	19.50	203	85.5	460	5.2	1
	1200	184T	ECP3663T	1,644	SDM	15.93	114	90.2	230/460	5.7	1, 30
		184T	ECP3663T-4	1,644	SDM	15.93	111	89.5	460	5.7	1
5	3600	184T	ECP3665T	1,429	SDM	15.93	118	89.5	230/460	6.5	1, 30
		184T	ECP3665T-4	1,429	SDM	15.93	119	89.5	460	6.6	1
	1800	215T	ECP3768T	1,998	SDM	19.50	212	90.2	230/460	7.3	1, 30
		215T	ECP3768T-4	1,998	SDM	19.50	227	90.2	460	7.3	1
	1200	254T	ECP2280T-4	4,385	SDM	24.78	327	87.5	460	8.6	1

(a) See notes on inside back flap.

Cast iron frame

XEX severe duty, three phase, totally enclosed, 230/460 volts, 460 volts and 575 volts, foot mounted

Information	Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
	230/460 volts & 460 volts (continued)											
Single phase	7 1/2	3600	213T	ECP3769T	2,145	SDM	19.50	169	91	230/460	8.6	1
			213T	ECP3769T-4	2,145	SDM	19.50	173	91.7	460	8.6	1
		1800	213T	ECP3770T	1,799	SDM	19.50	170	91.7	230/460	9.5	1
			213T	ECP3770T-4	1,799	SDM	19.50	170	91.7	460	9.5	1
		1200	254T	ECP2276T	2,858	SDM	24.78	335	91	230/460	10.7	1, 30
			254T	ECP2276T-4	2,858	SDM	24.78	337	91	460	10.7	1
General purpose	10	900	256T	ECP2401T-4	5,014	SDM	24.78	347	86.5	460	12.1	1
		3600	215T	ECP3771T	2,284	SDM	19.50	203	92.4	230/460	11	1
			215T	ECP3771T-4	2,284	SDM	19.50	215	92.4	460	11	1
		1800	215T	ECP3774T	2,154	SDM	19.50	231	92.4	230/460	12.5	1
			215T	ECP3774T-4	2,154	SDM	19.50	211	92.4	460	12.5	1
		1200	256T	ECP2332T	3,713	SDM	24.78	348	91	230/460	14.2	1, 30
Severe duty	15		256T	ECP2332T-4	3,713	SDM	24.78	347	91	460	14.2	1
		900	284T	ECP2402T-4	5,849	SDM	27.93	468	89.5	460	14.6	1
		3600	254T	ECP2294T	2,922	SDM	24.78	300	91.7	230/460	17.2	1, 30
			254T	ECP2394T-4	2,922	SDM	24.78	297	91.7	460	17.2	1
		1800	254T	ECP2333T	2,745	SDM	24.78	314	92.4	230/460	18.1	1, 30
			254T	ECP2333T-4	2,745	SDM	24.78	294	92.4	460	18.1	1
Large AC	20	1200	284T	ECP4100T	4,257	SDM	27.93	449	91.7	230/460	21	1, 30
			284T	ECP4100T-4	4,257	SDM	27.93	448	91.7	460	21	1
		900	286T	ECP2395T-4	7,807	SDM	27.93	479	89.5	460	23	1
		3600	256T	ECP4106T	3,408	SDM	24.78	324	91.7	230/460	22	1, 30
			256T	ECP4106T-4	3,408	SDM	24.78	328	91.7	460	22	1
		1800	256T	ECP2334T	2,944	SDM	24.78	334	93	230/460	24	1, 30
Washdown duty	25		256T	ECP2334T-4	2,944	SDM	24.78	333	93	460	24	1
		1200	286T	ECP4102T	5,784	SDM	27.93	437	91.7	230/460	27	1
			286T	ECP4102T-4	5,784	SDM	27.93	437	91.7	460	27	1
		900	324T	ECP4112T-4	8,900	SDM	30.66	600	90.2	460	30	1
		3600	284TS	ECP4107T	4,096	SDM	26.62	396	91.7	230/460	28	1, 30
			284TS	ECP4107T-4	4,096	SDM	26.62	410	91.7	460	28	1
Explosion proof	30	1800	284T	ECP4103T	3,852	SDM	27.93	431	93.6	230/460	30	1, 30
			284T	ECP4103T-4	3,852	SDM	27.93	435	93.6	460	30	1
		1200	324T	ECP4111T	6,044	SDM	30.28	604	93	230/460	32	1, 30
			324T	ECP4111T-4	6,044	SDM	30.28	608	93	460	32	1
		900	326T	ECP4124T-4	11,114	SDM	30.66	598	90.2	460	37	1
		3600	286TS	ECP4108T	4,993	SDM	26.62	440	91.7	230/460	34	1
Pump	40		286TS	ECP4108T-4	4,993	SDM	26.62	424	91.7	460	34	1
		1800	286T	ECP4104T	4,574	SDM	27.93	475	93.6	230/460	38	1, 30
			286T	ECP4104T-4	4,574	SDM	27.93	470	93.6	460	38	1
		1200	326T	ECP4117T	7,791	SDM	30.28	621	93	230/460	39	1, 30
			326T	ECP4117T-4	7,791	SDM	30.28	633	93	460	39	1
		900	364T	ECP4113T-4	11,752	SDM	33.44	813	92.4	460	39.3	1
HVAC	50	3600	324TS	ECP4109T	6,859	SDM	29.15	552	93	230/460	45	1
			324TS	ECP4109T-4	6,859	SDM	29.15	566	93	460	46	1
		1800	324T	ECP4110T	5,984	SDM	30.28	618	94.1	230/460	48	1, 30
			324T	ECP4110T-4	5,984	SDM	30.28	626	94.1	460	48	1
		1200	364T	ECP4308T	9,522	SDM	33.49	918	94.1	230/460	49.4	1
			364T	ECP4308T-4	9,522	SDM	33.49	889	94.1	460	49.4	1
Farm duty	60	900	365T	ECP4315T-4	13,513	SDM	33.44	813	93	460	52	1
		3600	326TS	ECP4114T	7,188	SDM	29.15	619	93	230/460	56	1, 30
			326TS	ECP4114T-4	7,188	SDM	29.15	610	93	460	56	1
		1800	326T	ECP4115T	7,024	SDM	30.28	641	94.5	230/460	58	1, 30
			326T	ECP4115T-4	7,024	SDM	30.28	668	94.5	460	58	1
		1200	365T	ECP4312T	11,275	SDM	33.49	928	94.1	230/460	61.7	1
			365T	ECP4312T-4	11,275	SDM	33.49	920	94.1	460	61.7	1
		900	405T	ECP4417T-4	16,652	SDM	38.20	1216	93	460	63	1
		3600	364TS	ECP4310T	10,140	SDM	31.37	929	95	230/460	65.1	1
			364TS	ECP4310T-4	10,140	SDM	31.37	882	95	460	65.1	1
		1800	364T	ECP4314T	10,027	SDM	33.49	933	95	230/460	68	1
			364T	ECP4314T-4	10,027	SDM	33.49	941	95	460	68	1
		1200	404T	ECP4403T	14,128	SDM	38.20	1281	95	230/460	69	1
			404T	ECP4403T-4	14,128	SDM	38.20	1331	95	460	69	1
			404T	ECP4403TR-4	14,842	SDM	38.20	1375	94.5	460	67.3	1, 5
		900	405T	ECP4418T-4	19,529	SDM	38.20	1216	93	460	76	1

(a) See notes on inside back flap.  Cast iron frameFor more information visit baldor.com or new.abb.com/motors-generators

XEX severe duty, three phase, totally enclosed, 230/460 volts, 460 volts and 575 volts, foot mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)		
230/460 volts & 460 volts (continued)													
75	3600	365TS	ECP4313T	11,615	SDM	31.37	1004	93.6	230/460	80.7	1		
		365TS	ECP4313T-4	11,615	SDM	31.37	990	93.6	460	80.7	1		
	1800	365T	ECP4316T	11,537	SDM	33.49	958	95.4	230/460	85.9	1		
		365T	ECP4316T-4	11,537	SDM	33.49	962	95.4	460	84.9	1		
		365T	ECP4316TR-4	12,162	SDM	33.44	965	95.4	460	85.9	1, 5		
		405T	ECP4404T	17,194	SDM	38.20	1275	94.5	230/460	86.9	1		
	1200	405T	ECP4404T-4	17,194	SDM	38.20	1334	94.5	460	86.9	1		
		405T	ECP4404TR-4	17,908	SDM	38.20	1334	94.5	460	86.9	1, 5		
	900	444T	ECP4419T-4	24,111	SDM	44.75	1815	94.5	460	89.3	1		
	100	3600	405TS	ECP4402T	14,657	SDM	35.04	1283	94.1	230/460	110	1	
405TS			ECP4402T-4	14,657	SDM	35.04	1272	94.1	460	110	1		
		405T	ECP4400T-4	14,439	SDM	38.20	1296	95.4	460	112	1		
		1800	405T	ECP4400TR-4	15,153	SDM	38.20	1326	95.4	460	112	1, 5	
		405TS	ECP4400TS-4	14,439	SDM	35.04	1304	95.4	460	112	1		
		1200	444T	ECP4409T-4	18,912	SDM	44.75	1871	95	460	119	1	
		444T	ECP4409TR-4	20,140	SDM	44.75	1871	95	460	119	1, 5		
		900	445T	ECP4420T-4	28,143	SDM	44.75	1905	93.6	460	125	1	
125		3600	444TS	ECP4412T	17,223	SDM	41.08	1957	95	230/460	138	1	
			444TS	ECP4412T-4	17,223	SDM	41.08	1901	95	460	137	1	
	1800	444T	ECP4410T-4	17,070	SDM	44.75	1950	95.4	460	144	1		
		444T	ECP4410TR-4	18,298	SDM	44.75	1950	95.4	460	144	1, 5		
	1200	445T	ECP4411T-4	21,365	SDM	44.75	2146	95	460	146	1		
		445T	ECP4411TR-4	22,593	SDM	44.75	2146	95	460	146	1, 5		
	900	447T	ECP4421T-4	30,823	SDM	48.24	2330	95	460	149	1		
	150	3600	445TS	ECP4413T-4	20,191	SDM	40.83	2017	95	460	164	1	
			445T	ECP4406T-4	19,997	SDM	44.75	2190	95.8	460	169	1	
		1800	445T	ECP4406TR-4	21,225	SDM	44.75	2190	95.8	460	169	1, 5	
447T			ECP44156T-4	24,088	SDM	48.24	2546	95.8	460	170	1		
		447T	ECP44156TR-4	25,315	SDM	48.24	2585	95.8	460	170	1, 5		
		900	449T	ECP4422T-4	35,415	SDM	53.24	3051	95	460	188	1	
200		3600	447TS	ECP4416T-4	23,908	SDM	44.48	2436	96.2	460	213	1	
			447T	ECP4407T-4	24,056	SDM	48.24	2545	96.2	460	222	1	
		1800	447T	ECP4407TR-4	25,282	SDM	48.24	2621	96.2	460	222	1, 5	
			447TS	ECP4407TS-4	24,056	SDM	44.48	2573	96.2	460	222	1	
		449T	ECP44206T-4	31,553	SDM	53.24	3104	95.8	460	225	1		
		1200	449T	ECP44206TR-4	32,779	SDM	53.24	3091	95.8	460	225	1, 5	
	900	449T	ECP4423T-4	44,951	SDM	53.24	3179	95	460	248	1		
	250	3600	449TS	ECP44252T-4	36,560	SDM	49.48	2633	95.8	460	269	1	
			449T	ECP4408T-4	30,527	SDM	53.24	2981	96.2	460	276	1	
		1800	449T	ECP4408TR-4	31,753	SDM	53.24	2995	96.2	460	276	1, 5	
449T			ECP44256T-4	44,018	SDM	53.24	3090	96.2	460	283	1		
		449T	ECP44256TR-4	45,244	SDM	53.24	3093	95.8	460	287	1, 5		
		900	L449T	ECP49258T-4	54,429	SDM	60.13	3430	95	460	288	1, 99	
300		3600	449TS	ECP44302T-4	53,433	SDM	49.48	2789	96.2	460	318	1	
			449T	ECP44304T-4	42,075	SDM	53.24	3061	96.2	460	334	1	
		1800	449T	ECP44304TR-4	43,302	SDM	53.24	3048	96.2	460	334	1, 5	
			1200	L449T	ECP49306T-4	50,521	SDM	60.13	3125	95.8	460	340	1, 99
	900	L449T	ECP49308T-4	65,528	SDM	60.13	4089	95	460	378	14, 99		
	350	3600	449TS	ECP44352T-4	64,135	SDM	49.48	2965	95.8	460	370	1	
			1800	L449T	ECP49354T-4	50,488	SDM	60.21	3543	96.2	460	384	1, 99
			1200	586/7T	ECP583506-PP	55,900	ISD	65.72	4806	95.8	460	407	
			900	586/7T	ECP583508-PP	53,900	ISD	65.72	4806	95	460	435	2
		400	3600	L449TS	ECP44402T-4	75,034	SDM	56.72	3700	96.2	460	420	1
L449T				ECP49404T-4	63,060	SDM	60.34	3682	96.2	460	435	1, 99	
1800			586/7T	ECP584004-PP	54,800	ISD	65.72	4718	96.2	460	459		
			1200	586/7T	ECP584006-PP	56,500	ISD	65.72	4806	95.8	460	488	
900			587/8T	ECP584008-PP	62,700	ISD	75.56	5512	95	460	490	2	

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates NEW product.

XEX severe duty, three phase, totally enclosed, 230/460 volts, 460 volts and 575 volts, foot mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volts & 460 volts (continued)											
450	3600	586/7TS	ECP584502-PP	58,600	ISD	65.72	4415	95.8	460	498	
	1800	L449T	ECP49454T-4	69,366	SDM	60.34	3720	96.2	460	460	1, 99
		586/7T	ECP584504-PP	55,500	ISD	65.72	4718	96.2	460	519	
	1200	586/7T	ECP584506-PP	59,750	ISD	65.72	4806	95.8	460	530	2
	900	587/8T	ECP584508-PP	65,600	ISD	75.56	5809	95	460	559	2
500	3600	586/7TS	ECP585002-PP	60,060	ISD	65.72	4415	95.8	460	546	2
	1800	586/7T	ECP585004-PP	56,335	ISD	65.72	4718	96.2	460	569	2
	1200	586/7T	ECP585006-PP	60,500	ISD	65.72	4806	95.8	460	603	2
600	3600	586/7TS	ECP586002-PP	65,500	ISD	65.72	4620	95.8	460	659	2
	1800	586/7T	ECP586004-PP	58,300	ISD	65.72	4718	95.8	460	676	2
650	3600	586/7TS	ECP586502-PP	66,725	ISD	65.72	4620	95.8	460	698	2
	1800	587/8T	ECP586504-PP	61,628	ISD	65.72	4920	96.2	460	735	2
700	1800	587/8T	ECP587004-PP	68,685	ISD	75.56	5512	96.2	460	769	2
800	1800	587/8T	ECP588004-PP	73,990	ISD	75.56	5809	96.2	460	902	2
575 Volt											
1	3600	143T	ECP3580T-5	950	SDM	12.88	61	84	575	1.1	1
	1800	143T	ECP3581T-5	1,044	SDM	12.88	65	87.5	575	1.2	1
1 1/2	1800	145T	ECP3584T-5	1,063	SDM	12.88	71	88.5	575	1.7	1
2	1800	145T	ECP3587T-5	1,110	SDM	12.88	75	86.5	575	2.3	1
3	3600	182T	ECP3660T-5	1,336	SDM	15.93	107	88.5	575	2.7	1
	1800	182T	ECP3661T-5	1,404	SDM	15.93	113	89.5	575	3.3	1
	1200	213T	ECP3764T-5	1,971	SDM	19.50	211	90.2	575	3.6	1
5	3600	184T	ECP3663T-5	1,644	SDM	15.93	111	89.5	575	4.6	1
	1800	184T	ECP3665T-5	1,429	SDM	15.93	118	89.5	575	5.3	1
	1200	215T	ECP3768T-5	1,998	SDM	19.50	196	90.2	575	5.8	1
7 1/2	3600	213T	ECP3769T-5	2,145	SDM	19.50	169	91.7	575	6.9	1
	1800	213T	ECP3770T-5	1,799	SDM	19.50	170	91.7	575	7.5	1
	1200	254T	ECP2276T-5	2,858	SDM	24.78	333	91.7	575	8.7	1
10	3600	215T	ECP3771T-5	2,284	SDM	19.50	182	92.4	575	8.9	1
	1800	215T	ECP3774T-5	2,154	SDM	19.50	231	92.4	575	10	1
	1200	256T	ECP2332T-5	3,713	SDM	24.78	347	91	575	11.5	1
15	3600	254T	ECP2394T-5	2,922	SDM	24.78	239	91.7	575	13.8	1
	1800	254T	ECP2333T-5	2,745	SDM	24.78	297	92.4	575	14.6	1
	1200	284T	ECP4100T-5	4,257	SDM	27.93	446	93	575	15.9	1
20	3600	256T	ECP4106T-5	3,408	SDM	24.78	310	91.7	575	17.9	1
	1800	256T	ECP2334T-5	2,944	SDM	24.78	325	93	575	19.2	1
	1200	286T	ECP4102T-5	5,784	SDM	27.93	478	93	575	20.6	1
25	1800	284T	ECP4103T-5	3,852	SDM	27.93	424	93.6	575	24	1
	1200	324T	ECP4111T-5	6,044	SDM	30.28	612	93	575	25.7	1
30	1800	286T	ECP4104T-5	4,574	SDM	27.93	467	93.6	575	29	1
	1200	326T	ECP4117T-5	7,791	SDM	30.28	630	93	575	30	1
40	1800	324T	ECP4110T-5	5,984	SDM	30.28	623	94.1	575	37	1
	1200	364T	ECP4308T-5	9,710	SDM	33.49	910	94.1	575	40	1
50	1800	326T	ECP4115T-5	7,024	SDM	30.28	652	94.5	575	45	1
60	1800	364T	ECP4314T-5	10,027	SDM	33.49	936	95	575	54.4	1
75	3600	365TS	ECP4313T-5	11,661	SDM	31.35	1005	93.6	575	66	1
	1800	365T	ECP4316T-5	11,537	SDM	33.49	966	95.4	575	68.7	1
	1200	405T	ECP4404T-5	17,194	SDM	38.19	1322	94.5	575	70	1
100	1800	405T	ECP4400T-5	14,439	SDM	38.04	1305	95.4	575	89.6	1
125	1800	444T	ECP4410T-5	17,070	SDM	44.75	2054	95.4	575	115	1
	1200	445T	ECP4411T-5	21,365	SDM	44.97	1913	95	575	116	1
150	1800	445T	ECP4406T-5	19,997	SDM	44.75	2175	95.8	575	135	1
200	1800	447T	ECP4407T-5	24,056	SDM	48.24	2570	96.2	575	178	1
250	1800	449T	ECP4408T-5	30,527	SDM	53.47	3027	96.2	575	219	1
300	1800	449T	ECP44304T-5	42,075	SDM	53.47	3150	96.2	575	267	1
350	1800	L449T	ECP49354T-5	50,488	SDM	60.47	3680	96.2	575	309	1
400	1800	L449T	ECP49404T-5	63,060	SDM	60.47	3702	96.2	575	356	1

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates **NEW** product.

XEX severe duty, three phase, totally enclosed, 460 volts, 230/460 volts and 575 volts, C-Face

1 thru 200 Hp

IP55



Features:

- Robust cast iron construction
- Regreasable bearings all frames
- Embossed raised letter, 304 stainless steel nameplates
- Inverter ready nameplate
- Division 2, Class I, Groups A,B,C,D markings on nameplate
- Locked bearing to allow mounting in any configuration

Applications:

- Chemical, oil & gas
- Pulp & paper, forest products
- Metals & foundries
- Cement, aggregate & above ground mining
- Food processing
- Power generation
- Water & wastewater treatment

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face, Foot Mounted											
1	1800	143TC	CECP3581T	1,099	SDM	13.38	67	87.5	230/460	1.5	1
		143TC	CECP3581T-5	1,099	SDM	13.38	60	85.5	575	1.2	1
	1200	145TC	CECP3582T	1,211	SDM	13.38	75	82.5	230/460	1.7	1
1 1/2	1800	145TC	CECP3584T	1,121	SDM	13.38	72	88.5	230/460	2.1	1
		145TC	CECP3584T-5	1,121	SDM	13.38	72	88.5	575	1.7	1
	1200	182TC	CECP3667T	1,407	SDM	16.68	99	87.5	230/460	2.5	1
2	1800	145TC	CECP3587T	1,166	SDM	13.38	76	88.5	230/460	2.8	1
		145TC	CECP3587T-5	1,166	SDM	13.38	76	88.5	575	2.3	1
	1200	184TC	CECP3664T	1,422	SDM	16.68	113	88.5	230/460	3.2	1
3	3600	182TC	CECP3660T	1,436	SDM	16.68	112	88.5	230/460	3.4	1, 30
		182TC	CECP3661T	1,505	SDM	16.68	114	89.5	230/460	4.1	1
	1800	182TC	CECP3661T-5	1,505	SDM	16.68	114	89.5	575	3.2	1
5	1200	213TC	CECP3764T	2,072	SDM	20.24	187	90.2	230/460	4.5	1, 30
		184TC	CECP3663T	1,744	SDM	16.68	121	90.2	230/460	5.7	1, 30
	3600	184TC	CECP3665T	1,529	SDM	16.68	130	89.5	230/460	6.5	1
7 1/2	1800	184TC	CECP3665T-5	1,529	SDM	16.68	130	90.2	575	5.2	1
		215TC	CECP3768T	2,098	SDM	20.24	226	90.2	230/460	7.3	1, 30
	3600	213TC	CECP3769T	2,345	SDM	20.24	173	89.5	230/460	8.6	1
10	213TC	213TC	CECP3770T	2,000	SDM	20.24	170	91.7	230/460	9.5	1
		213TC	CECP3770T-5	2,000	SDM	20.24	170	91.7	575	7.5	1
	1200	254TC	CECP2276T	3,059	SDM	25.28	305	91	230/460	10.7	1, 30
15	3600	215TC	CECP3771T	2,482	SDM	20.24	203	92.4	230/460	11	1, 30
		215TC	CECP3774T	2,354	SDM	20.24	231	92.4	230/460	12.5	1
	1800	215TC	CECP3774T-5	2,354	SDM	20.24	231	91.7	575	9.8	1
20	1200	256TC	CECP2332T	3,913	SDM	25.28	323	91	230/460	14.2	1, 30
		254TC	CECP2294T	3,505	SDM	25.28	307	91.7	230/460	17.2	1, 30
	3600	254TC	CECP2333T	3,344	SDM	25.28	297	92.4	230/460	18.1	1, 30
25	1800	254TC	CECP2333T-4	3,344	SDM	25.28	296	92.4	460	18.1	1
		254TC	CECP2333T-5	3,344	SDM	25.28	296	92.4	575	14.6	1
	1200	284TC	CECP4100T	4,856	SDM	27.93	435	91.7	230/460	21	1, 30
30	3600	256TC	CECP4106T	3,991	SDM	25.28	333	91	230/460	22	1, 30
		256TC	CECP2334T	3,544	SDM	25.28	339	93	230/460	24	1, 30
	1800	256TC	CECP2334T-4	3,544	SDM	25.28	336	93	460	24	1
35	1200	256TC	CECP2334T-5	3,544	SDM	25.28	336	93	575	19.2	1
		286TC	CECP4102T	6,384	SDM	27.93	460	91.7	230/460	26	1
	3600	284TSC	CECP4107T	4,868	SDM	26.56	396	91.7	230/460	28	1, 30
40	284TC	284TC	CECP4103T-4	4,684	SDM	27.93	440	93.6	460	30	1
		286TC	CECP4103T	4,684	SDM	27.93	449	93.6	230/460	30	1, 30
	1800	286TC	CECP4103T-5	4,684	SDM	27.93	449	93.6	575	24	1
45	1200	324TC	CECP4111T	6,876	SDM	30.28	626	93	230/460	32	1, 30
		286TSC	CECP4108T	5,766	SDM	26.56	454	91.7	230/460	34	1
	3600	286TC	CECP4104T	5,406	SDM	27.93	478	93.6	230/460	36	1, 30
50	1800	286TC	CECP4104T-4	5,406	SDM	27.93	475	93.6	460	36	1
		286TC	CECP4104T-5	5,406	SDM	27.93	475	93.6	575	28	1
	1200	326TC	CECP4117T	8,623	SDM	30.28	640	93	230/460	39	1, 30

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates **NEW** product.

For more information visit baldor.com or new.abb.com/motors-generators

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

XEX severe duty, three phase, totally enclosed, 460 volts, 230/460 volts and 575 volts, C-Face

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face, Foot Mounted (continued)											
40	3600	324TSC	CECP4109T	7,751	SDM	28.78	571	92.4	230/460	45	1
	1800	324TC	CECP4110T	6,901	SDM	30.28	628	94.1	230/460	48	1, 30
	1200	364TC	CECP4308T	10,493	SDM	33.44	908	94.1	230/460	49.4	1
50	3600	326TSC	CECP4114T	8,079	SDM	28.78	639	93	230/460	56	1, 30
	1800	326TC	CECP4115T	7,941	SDM	30.28	656	94.5	230/460	58	1, 30
	1200	365TC	CECP4312T	12,246	SDM	33.44	908	94.1	230/460	61.7	1
60	3600	364TSC	CECP4310T	11,111	SDM	31.31	874	95	230/460	65.1	1
		364TC	CECP4314T	10,998	SDM	33.44	880	95	230/460	68	1
	1800	364TC	CECP4314T-4	10,581	SDM	33.48	961	95	460	70	1
		364TC	CECP4314T-5	10,581	SDM	33.48	961	95	575	55	1
75	3600	365TSC	CECP4313T	12,586	SDM	31.31	899	94.5	230/460	80.7	1
	1800	365TC	CECP4316T	12,508	SDM	33.44	905	95.4	230/460	85.9	1
100	3600	405TSC	CECP4402T-4	15,871	SDM	35.31	1327	95	460	110	1
	1800	405TC	CECP4400T-4	15,928	SDM	38.20	1388	95.4	460	112	1
125	1800	444TC	CECP4410T-4	19,132	SDM	44.75	2002	95.4	460	144	1
150	1800	445TC	CECP4406T-4	22,059	SDM	44.75	2138	95.8	460	169	1
200	1800	447TC	CECP4407T-4	26,536	SDM	48.24	2455	96.2	460	222	1
C-Face, Footless											
1	3600	56C	VECP3580-4	1,001	SDM	14.50	60	84	460	1.4	1
		56C	VECP3581	1,094	SDM	14.50	66	87.5	230/460	1.5	1
	1800	56C	VECP3581-4	1,094	SDM	14.50	66	87.5	460	1.5	1
		143TC	VECP3581T	1,094	SDM	14.57	67	87.5	230/460	1.5	1
		143TC	VECP3581T-4	1,094	SDM	14.57	66	87.5	460	1.5	1
1 1/2	1200	145TC	VECP3582T	1,205	SDM	14.57	69	82.5	230/460	1.7	1
	3600	143TC	VECP3583T-4	1,129	SDM	14.57	67	85.5	460	2	1
	1800	145TC	VECP3584T	1,112	SDM	14.57	71	88.5	230/460	2.1	1
		145TC	VECP3584T-4	1,112	SDM	14.57	70	88.5	460	2.1	1
2	1200	182TC	VECP3667T	1,431	SDM	16.98	103	87.5	230/460	2.5	1
	3600	145TC	VECP3586T-4	1,182	SDM	14.57	74	86.5	460	2.5	1
	1800	145TC	VECP3587T	1,158	SDM	14.57	75	88.5	230/460	2.8	1
		145TC	VECP3587T-4	1,158	SDM	14.57	75	88.5	460	2.8	1
		1200	184TC	VECP3664T	1,451	SDM	16.98	114	88.5	230/460	3.2
3	3600	182TC	VECP3660T-4	1,419	SDM	16.98	103	88.5	460	3.4	1
	1800	182TC	VECP3661T	1,487	SDM	16.98	112	89.5	230/460	4.1	1
		182TC	VECP3661T-4	1,487	SDM	16.98	105	89.5	460	4.1	1
		1200	213TC	VECP3764T	2,140	SDM	21.36	165	90.2	230/460	4.5
5	3600	184TC	VECP3663T-4	1,727	SDM	16.98	108	89.5	460	5.7	1
	1800	184TC	VECP3665T	1,513	SDM	16.98	119	89.5	230/460	6.5	1
		184TC	VECP3665T-4	1,513	SDM	16.98	119	89.5	460	6.6	1
		1200	215TC	VECP3768T	2,165	SDM	21.36	225	90.2	230/460	7.3
7 1/2	3600	213TC	VECP3769T-4	2,313	SDM	21.36	173	91.7	460	8.6	1
	1800	213TC	VECP3770T	1,966	SDM	21.36	170	91.7	230/460	9.5	1
		213TC	VECP3770T-4	1,966	SDM	21.36	170	91.7	460	9.5	1
		1200	254TC	VECP2276T	3,392	SDM	27.40	338	91	230/460	10.7
10	3600	215TC	VECP3771T-4	2,450	SDM	21.36	203	92.4	460	11	1
	1800	215TC	VECP3774T	2,322	SDM	21.36	231	92.4	230/460	12.5	1
		215TC	VECP3774T-4	2,322	SDM	21.36	231	92.4	460	12.5	1
		1200	256TC	VECP2332T	4,246	SDM	27.40	348	91	230/460	14.2
15		254TC	VECP2333T	3,279	SDM	27.40	314	92.4	230/460	18.1	1, 30
	1800	254TC	VECP2333T-4	3,279	SDM	27.40	303	92.4	460	18.1	1
		1200	284TC	VECP4100T	5,006	SDM	30.68	503	91.7	230/460	21
20		256TC	VECP2334T	3,476	SDM	27.40	338	93	230/460	24	1, 30
		256TC	VECP2334T-4	3,476	SDM	27.40	365	93	460	24	1
	1200	286TC	VECP4102T	6,534	SDM	30.68	528	91.7	230/460	27	1
25	1800	284TC	VECP4103T	4,602	SDM	30.68	483	93.6	230/460	31	1, 30
	1200	324TC	VECP4111T	6,877	SDM	33.03	636	93	230/460	32	1, 30

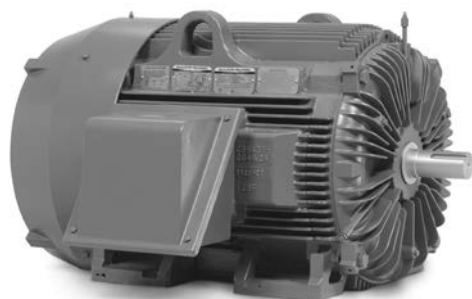
(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates **NEW** product.

841XL, three phase, totally enclosed, 460 volts and 575 volts

1 thru 300 Hp

IP56**Features:**

- Meets and exceeds the requirements of IEEE Std. 841-2009
- Patented PLS lubrication system for bearing longevity
- Inverter ready nameplate
- Meets IEEE 45 on nameplate
- IEEE 841 test report ships with the motor

Applications:

- Chemical, oil & gas
- Pulp & paper, forest products
- Metals & foundries
- Cement, aggregate & above ground mining
- Food processing
- Power generation

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
460 volts											
1	3600	143T	ECP83580T-4	1,043	SD8	12.88	60	84	460	1.4	1
		143T	ENCP83580T-4	994	SD8	11.37	56	84	460	1.3	1, 60
	1800	143T	ECP83581T-4	1,145	SD8	12.88	69	87.5	460	1.5	1
		143T	ENCP83581T-4	1,087	SD8	11.37	60	87.5	460	1.5	1, 60
1 1/2	1200	145T	ECP83582T-4	1,228	SD8	12.88	69	82.5	460	1.7	1
		143T	ECP83583T-4	1,120	SD8	12.88	69	85.5	460	2	1
	1800	145T	ECP83584T-4	1,165	SD8	12.87	73	88.5	460	2.1	1
		182T	ECP83667T-4	1,414	SD8	15.93	114	87.5	460	2.5	1
2	3600	145T	ECP83586T-4	1,229	SD8	12.88	78	85.5	460	2.5	1
		1800	ECP83587T-4	1,217	SD8	12.87	78	88.5	460	2.8	1
	1200	184T	ECP83664T-4	1,537	SD8	15.93	130	88.5	460	3.2	1
		182T	ECP83660T-4	1,465	SD8	15.93	116	88.5	460	3.4	1
3	1800	182T	ECP83661T-4	1,541	SD8	15.93	116	89.5	460	4.1	1
		213T	ECP83764T-4	2,143	SD8	19.50	165	89.5	460	4.5	1
	3600	184T	ECP83663T-4	1,805	SD8	15.93	132	88.5	460	5.7	1
		184T	ECP83665T-4	1,570	SD8	15.93	127	89.5	460	6.6	1
5	1200	215T	ECP83768T-4	2,215	SD8	19.50	193	89.5	460	7.1	1
		213T	ECP83769T-4	2,356	SD8	19.50	179	91.7	460	8.6	1
	3600	213T	ECP83770T-4	1,978	SD8	19.50	199	91.7	460	9.5	1
		254T	ECP82276T-4	3,195	SD8	24.78	343	91	460	10.5	1
7 1/2	3600	215T	ECP83771T-4	2,508	SD8	19.50	225	91	460	11.3	1
		215T	ECP83774T-4	2,342	SD8	19.50	231	91.7	460	12.2	1
	1200	256T	ECP82332T-4	4,079	SD8	24.78	359	91	460	14.1	1
		254T	ECP82394T-4	3,264	SD8	24.78	308	91	460	17	1
10	3600	254T	ECP82333T-4	3,015	SD8	24.78	322	92.4	460	17.6	1
		284T	ECP84100T-4	4,712	SD8	27.93	447	91.7	460	19.4	1
	1200	256T	ECP84106T-4	3,742	SD8	24.78	328	91.7	460	22	1
		256T	ECP82334T-4	3,260	SD8	24.78	350	93	460	23	1
15	3600	286T	ECP84102T-4	6,350	SD8	27.93	442	91.7	460	26	1
		284TS	ECP84107T-4	4,575	SD8	26.56	360	91.7	460	28	1
	1800	284T	ECP84103T-4	4,228	SD8	27.93	441	93.6	460	30	1
		324T	ECP84111T-4	6,692	SD8	30.66	638	93	460	32	1
20	3600	286TS	ECP84108T-4	5,480	SD8	26.56	442	91.7	460	34	1
		286T	ECP84104T-4	4,979	SD8	27.93	545	93.6	460	36	1
	1200	326T	ECP84117T-4	8,709	SD8	30.66	637	93	460	38.6	1
		324TS	ECP84109T-4	7,498	SD8	29.16	626	92.4	460	44	1
25	3600	324T	ECP84110T-4	6,629	SD8	30.66	629	94.1	460	46	1
		364T	ECP84308T-4	10,670	SD8	33.49	927	94.1	460	49.4	1
	1200	326TS	ECP84114T-4	7,821	SD8	29.16	623	93	460	55	1
		326T	ECP84115T-4	7,783	SD8	30.66	679	94.5	460	57	1
30	1200	365T	ECP84312T-4	12,423	SD8	33.49	928	94.1	460	61.7	1

(a) See notes on inside back flap. Cast iron frame

For more information visit baldor.com or new.abb.com/motors-generators

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

841XL, three phase, totally enclosed, 460 volts and 575 volts

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
460 volts (continued)											
60	3600	364TS	ECP84310T-4	11,288	SD8	31.37	905	95	460	65.1	1
	1800	364T	ECP84314T-4	11,175	SD8	33.49	913	95	460	68	1
	1200	404T	ECP84403T-4	14,718	SD8	38.04	1271	95	460	69	1
75	3600	365TS	ECP84313T-4	12,763	SD8	31.37	1045	94.5	460	80.7	1
	1800	365T	ECP84316T-4	12,685	SD8	33.49	971	95.4	460	85.9	1
	1200	405T	ECP84404T-4	17,827	SD8	38.20	1327	94.5	460	86.9	1
100	3600	405TS	ECP84402T-4	15,341	SD8	35.04	1277	95	460	110	1
	1800	405T	ECP84400T-4	16,043	SD8	38.20	1299	95.4	460	112	1
		405T	ECP84400TR-4	16,757	SD8	38.20	1326	95.4	460	112	1, 5
	1200	444T	ECP84409T-4	19,609	SD8	44.75	1940	95	460	119	1
		444T	ECP84409TR-4	20,837	SD8	44.97	1599	95	460	119	1, 5
125	3600	444TS	ECP84412T-4	17,941	SD8	40.98	1968	95	460	137	1
	1800	444T	ECP84410T-4	18,198	SD8	44.75	2020	95.4	460	144	1
		444T	ECP84410TR-4	19,426	SD8	44.97	1669	95.4	460	144	1, 5
	1200	445T	ECP84411T-4	22,257	SD8	44.75	2083	95	460	146	1
		445T	ECP84411TR-4	23,485	SD8	44.97	1874	95	460	146	1, 5
150	3600	445TS	ECP84413T-4	20,617	SD8	40.98	2053	95	460	164	1
	1800	445T	ECP84406T-4	21,521	SD8	44.75	2184	95.8	460	169	1
		447T	ECP844156T-4	24,739	SD8	48.24	2536	95.8	460	170	1
	1200	447T	ECP844156TR-4	25,964	SD8	48.24	2615	95.8	460	170	1, 5
		3600	447TS	ECP84416T-4	27,256	SD8	44.48	2433	96.2	460	213
200	1800	447T	ECP84407T-4	25,892	SD8	48.24	2582	96.2	460	222	1
		447T	ECP84407TR-4	27,119	SD8	48.24	2608	96.2	460	222	1, 5
	1200	449T	ECP844206T-4	32,865	SD8	53.24	3109	95.8	460	225	1
		449T	ECP844206TR-4	34,092	SD8	53.24	3108	95.8	460	225	1, 5
	3600	449TS	ECP844252T-4	43,915	SD8	49.48	2790	96.2	460	266	1
250	1800	449T	ECP84408T-4	33,052	SD8	53.24	2959	96.2	460	276	1
		449T	ECP84408TR-4	34,246	SD8	53.24	2995	96.2	460	276	1, 5
	1200	449T	ECP844256T-4	46,128	SD8	53.24	3102	95.8	460	287	1
		449T	ECP844256TR-4	48,720	SD8	53.49	3125	95.8	460	286	1, 5
	300	1200	L449T	ECP844306T-4	52,895	SD8	60.47	3683	95.8	460	340
L449T		ECP844306TR-4	55,539	SD8	60.47	3683	95.8	460	340	1, 5	
575 volts											
1	3600	143T	ECP83580T-5	1,043	SD8	12.88	63	84	575	1.1	1
	1800	143T	ECP83581T-5	1,145	SD8	12.87	67	87.5	575	1.2	1
	1200	145T	ECP83582T-5	1,228	SD8	12.88	69	82.5	575	1.4	1
1 1/2	3600	143T	ECP83583T-5	1,120	SD8	12.87	71	85.5	575	1.6	1
	1800	145T	ECP83584T-5	1,165	SD8	12.87	73	88.5	575	1.7	1
	1200	182T	ECP83667T-5	1,414	SD8	15.93	105	87.5	575	2	1
2	3600	145T	ECP83586T-5	1,161	SD8	12.88	79	85.5	575	2	1
	1800	145T	ECP83587T-5	1,217	SD8	12.87	77	86.5	575	2.3	1
	1200	184T	ECP83664T-5	1,537	SD8	15.93	128	88.5	575	2.5	1
3	3600	182T	ECP83660T-5	1,465	SD8	15.93	116	88.5	575	2.7	1
	1800	182T	ECP83661T-5	1,541	SD8	15.93	118	89.5	575	3.3	1
	1200	213T	ECP83764T-5	2,143	SD8	19.50	211	89.5	575	3.6	1
5	3600	184T	ECP83663T-5	1,805	SD8	15.93	130	88.5	575	4.6	1
	1800	184T	ECP83665T-5	1,570	SD8	15.93	127	89.5	575	5.3	1
	1200	215T	ECP83768T-5	2,215	SD8	19.50	226	89.5	575	5.7	1
7 1/2	3600	213T	ECP83769T-5	2,356	SD8	19.50	179	91.7	575	6.9	1
	1800	213T	ECP83770T-5	1,978	SD8	19.50	199	91.7	575	7.6	1
	1200	254T	ECP82276T-5	3,352	SD8	24.78	348	91.7	575	8.4	1
10	3600	215T	ECP83771T-5	2,508	SD8	19.50	225	90.2	575	9	1
	1800	215T	ECP83774T-5	2,342	SD8	19.50	231	91.7	575	9.8	1
	1200	256T	ECP82332T-5	4,079	SD8	24.78	357	91.7	575	11.4	1
15	3600	254T	ECP82394T-5	3,264	SD8	24.78	305	91.7	575	13.7	1
	1800	254T	ECP82333T-5	3,015	SD8	24.78	318	92.4	575	14.1	1
	1200	284T	ECP84100T-5	4,712	SD8	27.93	445	91.7	575	15.6	1
20	3600	256T	ECP84106T-5	3,742	SD8	24.78	324	91.7	575	17.9	1
	1800	256T	ECP82334T-5	3,260	SD8	24.78	361	93	575	18.3	1
	1200	286T	ECP84102T-5	6,350	SD8	27.93	443	91.7	575	21	1

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates **NEW** product.

841XL, three phase, totally enclosed, 460 volts and 575 volts

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
575 volts (continued)											
25	3600	284TS	ECP84107T-5	4,575	SD8	26.56	429	91.7	575	23	1
	1800	284T	ECP84103T-5	4,228	SD8	27.93	345	93.6	575	24	1
	1200	324T	ECP84111T-5	6,692	SD8	30.66	623	93	575	25.4	1
30	3600	286TS	ECP84108T-5	5,480	SD8	26.56	422	91.7	575	27	1
	1800	286T	ECP84104T-5	4,979	SD8	27.93	489	93.6	575	28	1
	1200	326T	ECP84117T-5	8,709	SD8	30.66	635	93	575	31	1
40	3600	324TS	ECP84109T-5	7,498	SD8	29.16	624	92.4	575	35	1
	1800	324T	ECP84110T-5	6,629	SD8	30.66	635	94.1	575	37	1
	1200	364T	ECP84308T-5	10,670	SD8	33.49	922	94.1	575	39.5	1
50	3600	326TS	ECP84114T-5	7,821	SD8	29.16	662	93	575	44	1
	1800	326T	ECP84115T-5	7,783	SD8	30.66	653	94.5	575	45	1
	1200	365T	ECP84312T-5	12,423	SD8	33.49	924	94.1	575	49.3	1
60	3600	364TS	ECP84310T-5	11,288	SD8	31.37	932	95	575	52	1
	1800	364T	ECP84314T-5	11,175	SD8	33.49	937	95	575	54.4	1
	1200	404T	ECP84403T-5	14,718	SD8	38.04	1275	95	575	55.2	1
75	3600	365TS	ECP84313T-5	12,763	SD8	31.37	998	94.5	575	64.5	1
	1800	365T	ECP84316T-5	12,685	SD8	33.49	985	95.4	575	68.7	1
	1200	405T	ECP84404T-5	17,827	SD8	38.04	1283	94.5	575	69.5	1
100	3600	405TS	ECP84402T-5	15,341	SD8	35.04	1287	95	575	88	1
	1800	405T	ECP84400T-5	16,043	SD8	38.04	1304	95.4	575	89.6	1
	1200	444T	ECP84409T-5	19,609	SD8	44.75	1885	95	575	92	1
125	3600	444TS	ECP84412T-5	17,941	SD8	40.98	1799	95.4	575	109	1
	1800	444T	ECP84410T-5	18,198	SD8	44.75	1915	95.8	575	111	1
	1200	445T	ECP84411T-5	22,257	SD8	44.75	2000	95.4	575	114	1
150	3600	445TS	ECP84413T-5	20,617	SD8	40.98	2062	96.2	575	131	1
	1800	445T	ECP84406T-5	21,521	SD8	44.75	1886	96.2	575	132	1
	1200	447T	ECP844156TR-5	25,964	SD8	48.24	2595	95.8	575	136	1, 5
200	3600	447TS	ECP84416T-5	27,256	SD8	44.48	2182	96.2	575	177	1
	1800	447T	ECP84407T-5	25,892	SD8	48.24	2606	96.2	575	178	1
	1200	449T	ECP84407TR-5	27,119	SD8	48.24	2618	96.2	575	178	1, 5
250	3600	449TS	ECP844206TR-5	34,092	SD8	53.24	3100	95.8	575	180	1, 5
	1800	449T	ECP844252T-5	43,915	SD8	49.48	2784	96.2	575	212	1
	1200	449T	ECP84408T-5	33,052	SD8	53.24	2932	96.2	575	220	1
300	3600	449T	ECP84408TR-5	34,246	SD8	53.24	2732	96.2	575	220	1, 5
	1800	449T	ECP844256TR-5	48,720	SD8	53.47	3125	95.8	575	229	1, 5
	1200	L449T	ECP844306TR-5	55,539	SD8	60.47	3683	95.8	575	272	1, 5

(a) See notes on inside back flap

Cast iron frame

Red catalog number indicates NEW product.

841XL, three phase, TEFC, 460 volts and 575 volts, C-Face

1 thru 75 Hp

IP56



Features:

- Meets and exceeds the requirements of IEEE Std. 841-2009
- Patented PLS lubrication system for bearing longevity
- Inverter ready nameplate
- Meets IEEE 45 on nameplate
- IEEE 841 test report ships with the motor
- Locked bearing to allow mounting in any configuration

Applications:

- Chemical, oil & gas
- Pulp & paper, forest products
- Metals & foundries
- Cement, aggregate & above ground mining
- Food processing
- Power generation

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face, foot mounted, 460 volts											
1	3600	56C	CECP83580-4	1,339	SD8	14.81	56	84	460	1.4	10
		143TC	CECP83580T-4	1,087	SD8	13.38	63	84	460	1.4	1
		143TC	CENCP83580T-4	1,039	SD8	12.00	61	84	460	1.3	1, 60
	1800	56C	CECP83581-4	1,442	SD8	14.81	56	87.5	460	1.5	10
		143TC	CECP83581T-4	1,190	SD8	13.38	71	87.5	460	1.5	1
		143TC	CENCP83581T-4	1,130	SD8	12.00	64	87.5	460	1.5	1, 60
	1200	56C	CECP83582-4	1,525	SD8	14.81	56	82.5	460	1.7	10
		145TC	CECP83582T-4	1,273	SD8	13.38	56	82.5	460	1.7	1
1 1/2	3600	143TC	CECP83583T-4	1,164	SD8	13.38	71	85.5	460	2	1
	1800	145TC	CECP83584T-4	1,212	SD8	13.38	75	88.5	460	2.1	1
	1200	182TC	CECP83667T-4	1,461	SD8	16.69	99	87.5	460	2.5	1
2	3600	145TC	CECP83586T-4	1,277	SD8	13.38	80	85.5	460	2.5	1
	1800	145TC	CECP83587T-4	1,262	SD8	13.38	78	88.5	460	2.8	1
	1200	184TC	CECP83664T-4	1,681	SD8	16.69	113	88.5	460	3.2	1
3	3600	182TC	CECP83660T-4	1,552	SD8	16.69	121	88.5	460	3.4	1
	1800	182TC	CECP83661T-4	1,644	SD8	16.69	120	89.5	460	4.1	1
	1200	213TC	CECP83764T-4	2,246	SD8	20.23	211	89.5	460	4.5	1
5	3600	184TC	CECP83663T-4	1,886	SD8	16.69	136	88.5	460	5.7	1
	1800	184TC	CECP83665T-4	1,653	SD8	16.69	131	89.5	460	6.6	1
	1200	215TC	CECP83768T-4	2,298	SD8	20.23	226	89.5	460	7.1	1
7 1/2	3600	213TC	CECP83769T-4	2,445	SD8	20.23	179	91.7	460	8.6	1
	1800	213TC	CECP83770T-4	2,094	SD8	20.23	178	91.7	460	9.5	1
	1200	254TC	CECP82276T-4	3,311	SD8	25.28	346	91	460	10.5	1
10	3600	215TC	CECP83771T-4	2,595	SD8	20.23	225	91	460	11.3	1
	1800	215TC	CECP83774T-4	2,531	SD8	20.23	231	91.7	460	12.2	1
	1200	256TC	CECP82332T-4	4,268	SD8	25.28	362	91	460	14.1	1
15	3600	254TC	CECP82394T-4	3,549	SD8	25.28	308	91	460	17	1
	1800	254TC	CECP82333T-4	3,465	SD8	25.28	322	92.4	460	17.6	1
	1200	284TC	CECP84100T-4	5,162	SD8	27.93	420	91.7	460	19.4	1
20	3600	256TC	CECP84106T-4	4,025	SD8	25.28	328	91.7	460	22	1
	1800	256TC	CECP82334T-4	3,666	SD8	25.28	356	93	460	23	1
	1200	286TC	CECP84102T-4	6,756	SD8	27.93	460	91.7	460	26	1
25	3600	284TSC	CECP84107T-4	5,490	SD8	26.56	433	91.7	460	28	1
	1800	284TC	CECP84103T-4	5,145	SD8	27.93	430	93.6	460	30	1
	1200	324TC	CECP84111T-4	7,609	SD8	30.66	660	93	460	32	1
30	3600	286TSC	CECP84108T-4	6,395	SD8	26.56	470	91.7	460	34	1
	1800	286TC	CECP84104T-4	5,892	SD8	27.93	465	93.6	460	36	1
	1200	326TC	CECP84117T-4	9,622	SD8	30.66	640	93	460	38.6	1
40	3600	324TSC	CECP84109T-4	8,505	SD8	29.16	587	92.4	460	44	1
	1800	324TC	CECP84110T-4	7,637	SD8	30.66	600	94.1	460	46	1
	1200	364TC	CECP84308T-4	11,641	SD8	33.49	908	94.1	460	49.4	1

(a) See notes on inside back flap.

Cast iron frame

841XL, three phase, TEFC, 460 volts and 575 volts, C-Face

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face, foot mounted, 460 volts (continued)											
50	3600	326TSC	CECP84114T-4	8,831	SD8	29.16	670	93	460	55	1
	1800	326TC	CECP84115T-4	8,790	SD8	30.66	683	94.5	460	57	1
	1200	365TC	CECP84312T-4	13,394	SD8	33.49	925	94.1	460	61.7	1
60	3600	364TSC	CECP84310T-4	12,259	SD8	31.37	899	95	460	65.1	1
	1800	364TC	CECP84314T-4	12,146	SD8	33.49	906	95	460	68	1
75	3600	365TSC	CECP84313T-4	13,734	SD8	31.37	1007	94.5	460	80.7	1
	1800	365TC	CECP84316T-4	13,656	SD8	33.49	1050	95.4	460	85.9	1
C-Face, foot mounted, 575 volts											
1	1800	143TC	CECP83581T-5	1,190	SD8	13.38	71	87.5	575	1.2	1
2	1800	145TC	CECP83587T-5	1,262	SD8	13.38	80	86.5	575	2.3	1
3	1800	182TC	CECP83661T-5	1,644	SD8	16.69	122	89.5	575	3.3	1
5	1800	184TC	CECP83665T-5	1,653	SD8	16.69	131	89.5	575	5.3	1
7 1/2	1800	213TC	CECP83770T-5	2,094	SD8	20.23	211	91.7	575	7.6	1
10	1800	215TC	CECP83774T-5	2,531	SD8	20.23	231	91.7	575	9.8	1
15	1800	254TC	CECP82333T-5	3,465	SD8	25.28	309	92.4	575	14.1	1
20	1800	256TC	CECP82334T-5	3,666	SD8	25.28	357	93	575	18.3	1
25	1800	284TC	CECP84103T-5	5,145	SD8	27.93	444	93.6	575	24	1
30	1800	286TC	CECP84104T-5	5,892	SD8	27.93	487	93.6	575	28	1
40	1800	324TC	CECP84110T-5	7,637	SD8	30.66	670	94.1	575	37	1
50	1800	326TC	CECP84115T-5	8,790	SD8	30.66	663	94.5	575	45	1
C-Face, footless, 460 volts											
1	3600	143TC	VENCP83580T-4	985	SD8	12.00	59	84	460	1.3	1, 60
	1800	143TC	VENCP83581T-4	1,063	SD8	12.00	63	87.5	460	1.5	1, 60
1 1/2	3600	143TC	VECP83583T-4	1,153	SD8	14.56	75	85.5	460	2	1
	1800	145TC	VECP83584T-4	1,199	SD8	14.56	76	88.5	460	2.1	1
2	3600	145TC	VECP83586T-4	1,264	SD8	14.56	83	85.5	460	2.5	1
	1800	145TC	VECP83587T-4	1,250	SD8	14.56	79	88.5	460	2.8	1
3	3600	182TC	VECP83660T-4	1,536	SD8	16.69	121	88.5	460	3.4	1
	1800	182TC	VECP83661T-4	1,628	SD8	16.69	117	89.5	460	4.1	1
5	3600	184TC	VECP83663T-4	1,871	SD8	16.69	132	88.5	460	5.7	1
	1800	184TC	VECP83665T-4	1,637	SD8	16.69	128	89.5	460	6.6	1
7 1/2	3600	213TC	VECP83769T-4	2,414	SD8	20.24	179	91.7	460	8.6	1
	1800	213TC	VECP83770T-4	2,062	SD8	20.24	211	91.7	460	9.5	1
10	3600	215TC	VECP83771T-4	2,563	SD8	20.24	225	91	460	11.3	1
	1800	215TC	VECP83774T-4	2,499	SD8	20.24	231	91.7	460	12.2	1
15	3600	254TC	VECP82394T-4	3,403	SD8	25.28	304	91	460	17	1
	1800	254TC	VECP82333T-4	3,318	SD8	25.28	324	92.4	460	17.6	1
20	3600	256TC	VECP84106T-4	3,879	SD8	25.28	319	91.7	460	22	1
	1800	256TC	VECP82334T-4	3,517	SD8	25.28	355	93	460	23	1

(a) See notes on inside back flap.

Cast iron frame

661XL / IEEE 841, three phase, TEFC, 460 volts, foot mounted

5 thru 75 Hp

IP56



Features:

- Exceeds the requirements of IEEE Std. 841-2009 with the exception of using Mobilith grease for exceptional roller bearing performance
- Roller bearing for belted applications, 40,000 hours L10 life per API 661
- Vertical lifting provisions for shaft up and shaft down mounting
- Patented PLS bearing lubrication system
- IP56 enclosure: dome shaft slinger, bronze labyrinth shaft seal, gasketed conduit box and cover
- Inverter ready nameplate
- Meets IEEE 45 on nameplate
- IEEE 841 test report ships with the motor

Applications:

- Belt driven heat exchangers

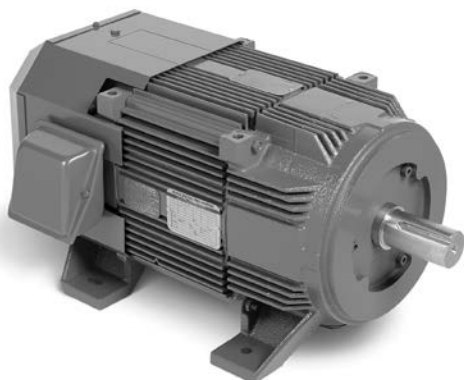
Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
5	1800	184T	ECP63665T-4	1,570	SD6	15.93	128	89.5	460	6.6	1
7 1/2	1800	213T	ECP63770TR-4	2,248	SD6	19.49	195	91.7	460	9.5	1, 5
10	1800	215T	ECP63774TR-4	2,611	SD6	19.49	231	91.7	460	12.2	1, 5
15	1800	254T	ECP62333TR-4	3,372	SD6	24.88	324	92.4	460	17.6	1, 5
20	1800	256T	ECP62334TR-4	3,617	SD6	24.88	355	93	460	23	1, 5
25	1800	284T	ECP64103TR-4	4,676	SD6	28.01	461	93.6	460	30	1, 5
30	1800	286T	ECP64104TR-4	5,426	SD6	28.01	487	93.6	460	36	1, 5
40	1800	324T	ECP64110TR-4	7,198	SD6	30.76	600	94.1	460	46	1, 5
50	1800	326T	ECP64115TR-4	8,354	SD6	30.76	687	94.5	460	57	1, 5
60	1800	364T	ECP64314TR-4	11,280	SD6	33.48	936	95	460	68	1, 5
75	1800	365T	ECP64316TR-4	12,790	SD6	33.48	976	95.4	460	85.9	1, 5

(a) See notes on inside back flap.

■ Cast iron frame

RPM XE, extreme efficiency, totally enclosed, 460 volts

10 thru 100 Hp



RPM XE, TEFC standard NEMA frame

Features:

- TEFC, 1800 RPM, severe duty, Design B, 1.15 SF
- Efficiency two to four levels above NEMA premium
- Power dense and standard NEMA frame sizes
- Designed for across the line operation
- Suitable for adjustable frequency power in scalar mode
- Up to IE3 combined system efficiency when properly matched with VFD running in V/Hz or scalar mode
- Operates at true synchronous speed regardless of load
- Up to IE5 Efficiency when run across the line

Applications:

- Centrifugal fan and pump applications
- Continuous applications demanding the ultimate efficiency
- Compressors
- Applications demanding reduced weight or inertia

Standard NEMA frame

Hp	RPM	Frame	Encl	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	*Full Load Efficiency	Full Load Amps	Dimension Sheet	Notes (a)
10	1800	HL215T	TEFC	XEFRPM21104	3,102	RP5	21.77	170	94.6	10	619704-001	
15	1800	HL254T	TEFC	XEFRPM25154	3,954	RP5	23.89	195	94.9	15	619702-001	
20	1800	HL256T	TEFC	XEFRPM25204	4,242	RP5	24.89	210	94.9	20	619703-001	
25	1800	HL284T	TEFC	XEFRPM28254	5,550	RP5	26.38	290	95.4	25	619696-001	
30	1800	HL286T	TEFC	XEFRPM28304	6,588	RP5	27.37	315	95.4	30	619697-001	
40	1800	HL324T	TEFC	XEFRPM32404	8,616	RP5	28.81	435	96.4	40	619698-001	
50	1800	HL326T	TEFC	XEFRPM32504	10,116	RP5	30.81	500	96.6	50	619699-001	
60	1800	HL364T	TEFC	XEFRPM36604	13,560	RP5	32.93	690	97.0	60	619707-001	
75	1800	HL365T	TEFC	XEFRPM36754	15,840	RP5	35.19	775	97.3	75	619706-001	
100	1800	HL405T	TEFC	XEFRPM401004	20,796	RP5	40.58	955	97.3	100	619705-001	

(a) See notes on inside back flap.

Dirty Duty Plus, three phase, TEFC

1/2 thru 10 Hp

IP56



Features:

- Cast iron endplates & conduit box
- 300 series stainless steel shaft extension
- 2 part epoxy paint system passed 2,000+ hours salt fog test per ASTM B 117
- Permanently lubricated, double sealed ball bearings
- IP56 enclosure includes: labyrinth shaft seals, gasketed conduit box and cover
- Inverter ready nameplate
- Meets IEEE 45 on nameplate

Applications:

- Chemical, oil & gas
- Pulp & paper, forest products
- Coastal marine

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted												
1/2	1800	56	TEFC	DM3538	626	SDD	11.35	27	75.5	230/460	0.9	12, 15
3/4	1800	56	TEFC	DM3542	654	SDD	11.35	30	74	230/460	1.4	12, 15
1	1800	56	TEFC	EDM3546	976	SDD	12.85	35	85.5	230/460	1.5	1
C-Face, foot mounted												
1/2	3600	56C	TEFC	CDM3537	630	SDD	11.34	26	68	230/460	0.9	12, 15
	1800	56C	TEFC	CDM3538	655	SDD	11.34	29	74	230/460	0.9	12, 15
		56C	TENV	CNDM3538	655	SDD	11.05	34	80	230/460	0.8	12
		56C	TEFC	CDM3539	850	SDD	11.34	30	72	230/460	1.3	12, 15
3/4	1800	56C	TEFC	CDM3542	681	SDD	11.34	33	75.5	230/460	1.4	12, 15
		56C	TENV	CNDM3542	681	SDD	11.05	37	78.5	230/460	1.4	12
	1200	56C	TEFC	CDM3543	862	SDD	12.84	38	77	230/460	1.4	12, 15
		56C	TEFC	CEDM3545	907	SDD	12.28	39	77	230/460	1.4	12
1	1800	56C	TEFC	CEDM3546	1,004	SDD	12.84	38	85.5	230/460	1.5	1
		56C	TENV	CNEDM3546	1,004	SDD	11.05	41	85.5	230/460	1.5	1
		143TC	TENV	CNEDM3546T	1,014	SDD	12.12	42	85.5	230/460	1.5	1
	1200	56C	TEFC	CEDM3556	1,122	SDD	12.28	45	82.5	230/460	1.8	1
1 1/2	3600	56C	TEFC	CEDM3550	992	SDD	13.28	42	84	230/460	1.9	1
		56C	TEFC	CEDM3554	1,086	SDD	12.24	42	86.5	230/460	2.2	1
		145TC	TEFC	CEDM3554T	1,096	SDD	13.35	41	86.5	230/460	2.2	1
		145TC	TENV	CNEDM3554T	1,096	SDD	12.12	48	86.5	230/460	2.1	1
2	3600	56C	TEFC	CEDM3555	1,061	SDD	13.28	38	85.5	230/460	2.5	1
		56C	TEFC	CEDM3558	1,133	SDD	13.28	49	86.5	230/460	2.9	1
	1800	145TC	TEFC	CEDM3558T	1,143	SDD	13.35	52	86.5	230/460	2.9	1
		145TC	TEFC	CEDM3559T	1,137	SDD	14.23	59	86.5	230/460	3.6	1
3	3600	145TC	TEFC	CEDM3559T	1,137	SDD	14.23	59	86.5	230/460	3.6	1
	1800	182TC	TEFC	CEDM3611T	1,262	SDD	16.60	90	89.5	230/460	4.2	1
	1200	213TC	TEFC	CEDM3704T	1,943	SDD	19.76	154	89.5	230/460	4.6	1
5	3600	184TC	TEFC	CEDM3613T	1,350	SDD	16.60	97	88.5	230/460	5.9	1
	1800	184TC	TEFC	CEDM3615T	1,291	SDD	18.10	108	89.5	230/460	6.7	1
	1200	215TC	TEFC	CEDM3708T	2,118	SDD	21.26	181	89.5	230/460	7.2	1
7 1/2	3600	213TC	TEFC	CEDM3709T	2,059	SDD	18.63	138	89.5	230/460	9	1
	1800	213TC	TEFC	CEDM3710T	1,920	SDD	19.76	146	91.7	230/460	9.5	1
10	3600	215TC	TEFC	CEDM3711T	2,079	SDD	18.63	138	90.2	230/460	11.8	1
	1800	215TC	TEFC	CEDM3714T	2,091	SDD	21.26	185	91.7	230/460	12	1

(a) See notes on inside back flap.

Dirty Duty Plus, three phase, TEFC

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face, footless												
1/2	3600	56C	TEFC	VDM3537	624	SDD	11.35	25	68	230/460	0.9	12, 15
	1800	56C	TEFC	VDM3538	646	SDD	11.35	28	75.5	230/460	0.9	12, 15
		56C	TENV	VNDM3538	646	SDD	11.05	35	80	230/460	0.8	12
3/4	3600	56C	TEFC	VDM3541	660	SDD	11.35	27	72	230/460	1.2	12, 15
	1800	56C	TEFC	VDM3542	672	SDD	12.85	31	74	230/460	1.4	12, 15
		56C	TENV	VNDM3542	672	SDD	11.05	37	78.5	230/460	1.4	12
1	3600	56C	TEFC	VEDM3545	907	SDD	11.97	28	77	230/460	1.6	1
	1800	56C	TEFC	VEDM3546	1,004	SDD	12.28	37	85.5	230/460	1.5	1
		56C	TENV	VNEDM3546	1,004	SDD	12.05	41	85.5	230/460	1.5	1
	143TC	TENV	VNEDM3546T	1,014	SDD	11.13	41	85.5	230/460	1.5	1	
1 1/2	3600	56C	TEFC	VEDM3550	992	SDD	12.28	44	84	230/460	1.9	1
	1800	56C	TEFC	VEDM3554	1,086	SDD	13.29	42	86.5	230/460	2.2	1
		56C	TENV	VNEDM3554	1,086	SDD	12.93	48	86.5	230/460	2.1	1
		145TC	TENV	VNEDM3554T	1,096	SDD	13.00	49	86.5	230/460	2.1	1
2	3600	56C	TEFC	VEDM3555	1,086	SDD	13.23	41	85.5	230/460	2.5	1
		145TC	TEFC	VEDM3555T	1,166	SDD	13.35	41	85.5	230/460	2.5	1
	1800	56C	TEFC	VEDM3558	1,133	SDD	13.29	47	86.5	230/460	2.9	1
		145TC	TEFC	VEDM3558T	1,143	SDD	13.35	47	86.5	230/460	2.9	1
3	3450	145TC	TEFC	VEDM3559T	1,203	SDD	14.23	50	86.5	230/460	3.6	1
	1800	182TC	TEFC	VEDM3611T	1,262	SDD	16.60	86	89.5	230/460	4.2	1
5	1800	184TC	TEFC	VEDM3615T	1,291	SDD	18.10	91	89.5	230/460	6.7	1, 8
7 1/2	1800	213TC	TEFC	VEDM3710T	1,920	SDD	19.76	131	91.7	230/460	9.5	1
10	1800	215TC	TEFC	VEDM3714T	2,091	SDD	21.26	147	91.7	230/460	12	1, 8

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product

Quarry duty motors, three phase, TEFC, Design C, high torque

2 thru 10 Hp

IP55**Features:**

- High torque NEMA Design C
- Steel band frame – cast endplates & conduit box, cast iron fan cover
- IP55 enclosure includes: gasketed conduit box and cover, shaft seal
- Inverter ready

Applications:

- Cement
- Aggregate
- Above ground mining
- Bulk material handling
- Belt conveyors and screens

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted											
2	1800	145T	EM3558T-9	806	SDQ	13.29	45	86.5	230/460	2.9	1, 30
3	1800	182T	EM3611T-9	945	SDQ	18.04	83	89.5	230/460	4.3	1, 30
5	1800	184T	EM3615T-9	1,026	SDQ	18.04	95	89.5	230/460	7.1	1, 30, 35
7 1/2	1800	213T	EM3710T-9	1,387	SDQ	19.02	140	91.7	230/460	10.1	1, 30
10	1800	215T	EM3714T-9	1,614	SDQ	21.02	187	91.7	230/460	13.1	1, 30, 35

(a) See notes on inside back flap.

■ Cast iron frame

Crusher motors, three phase, TEFC, 460 volts and 575 volts, foot mounted

5 thru 600 Hp

IP55

IP66

Applications:

- Cement
- Aggregate
- Above ground mining
- Bulk material handling
- Crushers, belt conveyors and screens

Features:

- High torque NEMA Design A, exceeds NEMA Design C torques
- 1.25 SF up to 100 Hp, 1.15 SF over 100 Hp
- Oversized ball bearings up to 50 Hp, ball and roller bearing designs 60 Hp and up. 586/7/8 frames include oversized roller bearing on DE.
- 586/7/8 frames include oversized, insulated ODE bearing and oversized 4.375" shaft.
- IP55 for frame sizes up to L449. IP66 for 586/7/8 frames.
- Embossed raised letter, 304 stainless steel nameplates
- Inverter ready nameplate
- "TR" catalog numbers are standard roller bearing



Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
460 volts											
5	1800	184T	ECR9054T	808	SDC	15.93	118	89.5	230/460	7.1	12
	1200	215T	ECR9056T	1,395	SDC	19.50	226	89.5	230/460	7.5	12
7 1/2	1800	213T	ECR9074T	1,139	SDC	19.50	231	91.7	230/460	9.3	12
	1200	254T	ECR9076T	2,160	SDC	24.78	320	91	230/460	10.3	12
10	1800	215T	ECR9104T	1,396	SDC	19.50	240	91.7	230/460	12.3	12
	1200	256T	ECR9106T	2,509	SDC	24.78	355	91	230/460	14	12
15	1800	254T	ECR9154T	1,933	SDC	24.78	286	92.4	230/460	18.6	12
	1200	284T	ECR9156T	3,443	SDC	27.93	500	91.7	230/460	19.4	12
20	1800	256T	ECR9204T	2,303	SDC	24.78	366	93	230/460	24	12
	1200	286T	ECR9206T	4,145	SDC	27.93	535	91.7	230/460	29	12
25	1800	284T	ECR9254T	2,870	SDC	27.93	380	93.6	230/460	31	12
	1200	324T	ECR9256T	4,956	SDC	30.66	630	93	230/460	34	12
30	1800	286T	ECR9304T	3,375	SDC	27.93	465	93.6	230/460	37	12
	1200	326T	ECR9306T	5,522	SDC	30.66	680	93	230/460	42	12
40	1800	324T	ECR9404T	4,371	SDC	30.66	645	94.1	230/460	49	12
	1200	364T	ECR9406TR	10,235	SDC	33.49	918	94.1	230/460	49	5,12
50	1800	326T	ECR9504T	5,335	SDC	30.66	700	94.5	230/460	61	12
	1200	365T	ECR9506TR	11,988	SDC	33.49	930	94.1	230/460	62	5,12
60	900	404T	ECR9508TR	11,302	SDC	38.20	1322	92.4	230/460	79.4	5,12
	1800	364T	ECR9604T	10,115	SDC	33.49	977	95	230/460	70	12
75	1200	404T	ECR9606TR	10,992	SDC	38.04	1322	94.5	230/460	70.7	5,12
	900	405T	ECR9608TR	12,780	SDC	38.20	1420	92.4	230/460	93.2	5,12
100	1800	365T	ECR9754T	11,625	SDC	33.49	962	95.4	230/460	87.5	12
	1200	405T	ECR9756TR-4	12,615	SDC	38.20	1422	94.5	460	91	5,12
125	900	444T	ECR9758TR-4	15,648	SDC	44.87	1874	93.6	460	98.8	5,12
	1800	405T	ECR91004T-4	12,229	SDC	38.20	1390	95.4	460	115	12
150	1200	444T	ECR91006TR-4	16,353	SDC	44.75	2029	95	460	119	5,12
	900	445T	ECR91008TR-4	17,450	SDC	44.75	2129	93.6	460	133	5,12
175	1800	444T	ECR91254T-4	15,444	SDC	44.75	1964	95.4	460	149	1
	1200	445T	ECR91256TR-4	18,794	SDC	44.75	1874	95.4	460	153	1, 5
200	900	447T	ECR91258TR-4	22,580	SDC	48.24	2380	94.1	460	171	1, 5
	1800	445T	ECR91504T-4	18,224	SDC	44.75	1996	95.8	460	168	1
225	1200	447T	ECR91506TR-4	21,592	SDC	48.24	2459	95.8	460	180	1, 5
	900	449T	ECR91508TR-4	25,938	SDC	53.47	2648	94.5	460	203	1, 5

(a) See notes on inside back flap.

Cast iron frame

Optional oversized conduit boxes are available for 586-8 frames. See Motor Accessories section.

Crusher motors, three phase, TEFC, 460 volts and 575 volts, foot mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
460 volts (continued)											
200	1800	447T	ECR92004T-4	22,072	SDC	48.24	2455	96.2	460	225	1
		447T	ECR92004TR-4	22,072	SDC	48.24	2455	96.2	460	225	1, 5
	1200	449T	ECR92006TR-4	26,293	SDC	53.24	3125	95.8	460	277	1, 5
	900	L449T	ECR92008TR-4	32,634	SDC	60.22	3430	94.5	460	277	1, 5
250	1800	449T	ECR92504T-4	22,387	SDC	53.24	2694	96.2	460	278	
		449T	ECR92504TR-4	22,387	SDC	53.24	2694	96.2	460	278	
	1200	449T	ECR92506TR-4	30,113	SDC	53.24	3225	95.8	460	283	
	586/7TZ		ECR582506-PPN	39,263	ICR	65.72	4806	95.8	460	295	1, 5
		L449T	ECR92508TR-4	41,194	SDC	60.22	3390	95	460	359	
		586/7T	ECR582508-PP	50,138	ICR	65.72	4806	95	460	312	1, 5
300	1800	449T	ECR93004T-4	31,370	SDC	53.24	2888	96.2	460	336	
		449T	ECR93004TR-4	31,370	SDC	53.24	2888	96.2	460	336	
	586/7TZ		ECR583004-PPN	36,251	ICR	65.72	4718	96.2	460	343	1, 5
		L449T	ECR93006TR-4	39,347	SDC	61.59	3683	95.8	460	381	
	1200	586/7TZ	ECR583006-PPN	46,070	ICR	65.72	4806	95.8	460	352	1, 5
	900	586/7T	ECR583008-PP	54,394	ICR	65.72	4806	95	460	379	1, 5
350	1800	449T	ECR93504T-4	34,740	SDC	61.59	3027	96.2	460	390	
		449T	ECR93504TR-4	34,740	SDC	61.59	3027	96.2	460	390	
	586/7TZ		ECR583504-PPN	40,139	ICR	65.72	4718	96.2	460	396	1, 5
		L449T	ECR93506TR-4	43,718	SDC	61.59	3683	95.8	460	433	
	586/7TZ		ECR583506-PPN	49,912	ICR	65.72	4806	95.8	460	407	1, 5
		586/7T	ECR583508-PP	59,961	ICR	65.72	4806	95.2	460	436	1, 5
400	1800	L449T	ECR94004T-4	40,396	SDC	53.24	3875	96.2	460	442	
		L449T	ECR94004TR-4	40,396	SDC	60.22	3875	96.2	460	442	
	586/7TZ		ECR584004-PPN	44,105	ICR	65.72	4718	96.2	460	452	1, 5
		1200	ECR584006-PPN	54,961	ICR	65.72	4806	95	460	465	1, 5
		1800	ECR584504-PPN	50,302	ICR	65.72	4718	96.2	460	519	1, 5
450	1200	586/7TZ	ECR584506-PPN	60,161	ICR	65.72	4806	95	460	530	1, 5
	900	587/8T	ECR584508-PP	68,892	ICR	75.56	5760	95	460	559	1, 5
500	1800	586/7TZ	ECR585004-PPN	51,497	ICR	65.72	4718	96.2	460	576	1, 5
	1200	586/7TZ	ECR585006-PPN	62,461	ICR	65.72	4806	95.8	460	603	1, 5
600	1800	586/7TZ	ECR586004-PPN	58,797	ICR	65.72	4718	96.2	460	679	1, 5
575 volts											
250	1200	586/7TZ	ECR582506-5PPN	39,263	ICR	65.72	4806	96.2	575	237	1, 5
300	1800	586/7TZ	ECR583004-5PPN	36,251	ICR	65.72	4718	96.2	575	270	1, 5
	1200	586/7TZ	ECR583006-5PPN	46,070	ICR	65.72	4806	95.8	575	279	1, 5
350	1800	586/7TZ	ECR583504-5PPN	40,139	ICR	65.72	4718	96.2	575	309	1, 5
	1200	586/7TZ	ECR583506-5PPN	49,912	ICR	65.72	4806	95.8	575	323	1, 5
400	1800	586/7TZ	ECR584004-5PPN	44,105	ICR	65.72	4718	96.2	575	362	1, 5
	1200	586/7TZ	ECR584006-5PPN	54,961	ICR	65.72	4806	95	575	368	1, 5
450	1800	586/7TZ	ECR584504-5PPN	50,302	ICR	65.72	4718	96.2	575	397	1, 5
	1200	586/7TZ	ECR584506-5PPN	60,161	ICR	65.72	4806	95	575	416	1, 5
500	1800	586/7TZ	ECR585004-5PPN	51,497	ICR	65.72	4718	96.2	575	455	1, 5
	1200	586/7TZ	ECR585006-5PPN	62,461	ICR	65.72	4806	95.8	575	471	1, 5
600	1800	586/7TZ	ECR586004-5PPN	58,797	ICR	65.72	4718	96.2	575	541	1, 5

(a) See notes on inside back flap.

Cast iron frame

Optional oversized conduit boxes are available for 586-8 frames. See Motor Accessories section.

Red catalog number indicates **NEW** product

NEW!

Crusher motors, three phase, TEFC, C-Face, 460 volt, foot mounted

15 thru 75 Hp

IP55**Features:**

- High torque NEMA Design A, exceeds NEMA Design C torques
- 1.25 SF up to 100 Hp, 1.15 SF over 100 Hp
- IP55 ingress protection
- Oversized ball bearings up to 50 Hp
- Embossed raised letter, 304 stainless steel nameplates
- Inverter ready nameplate

Applications:

- Cement
- Aggregate
- Above ground mining
- Bulk material handling
- Crushers, belt conveyors and screens

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face											
15	1800	254TC	CECR9154T	2,516	SDC	25.28	286	92.4	230/460	18.6	12
20	1800	256TC	CECR9204T	2,886	SDC	25.28	325	93	230/460	24	12
25	1800	284TC	CECR9254T	3,644	SDC	27.93	465	93.6	230/460	31	12
30	1800	286TC	CECR9304T	4,149	SDC	27.93	465	93.6	230/460	37	12
40	1800	324TC	CECR9404T	5,264	SDC	30.16	650	94.1	230/460	49	12
50	1800	326TC	CECR9504T	6,228	SDC	30.16	700	94.5	230/460	61	12
60	1800	364TC	CECR9604T	8,475	SDC	33.48	977	95	230/460	70	12
75	1800	365TC	CECR9754T	10,078	SDC	33.48	982	95.4	230/460	87.5	12

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates **NEW** product

Crusher duty conversion base

**Applications:**

Designed to meet the needs of the aggregate & mining industry where the installed base of motors includes similar rating in both 449T and 586/587 frames. This conversion base kit will allow a customer to mount any Baldor-Reliance® NEMA 449T frame into an existing NEMA 586/587 application.

Features:

- Left and right hand pieces marked for easy identification
- Compensates for height, position & mounting hole locations

Conversion base kit CB5744T with ECR93504TR-4

Catalog Number	Converts From	Converts To.	List Price	Disc. Sym.	Aprx. Wt. (lb)	Height (in.)	Width (in.)	Length (in.)
CB5744T	449T	586T/576	2,458	SDA	465	3.5	6.5	35.75
CB5049T	449T	505US	1,054	SDA	328	1.5	4.5	28.00
CB50549T	449T	504U/505U	1,221	SDA	328	1.5	4.5	28.00

For a complete listing of available conversion bases, please see the Motor Accessories section.

Division 2 capabilities

The following list of Severe duty motors are marked for Division 2, Class I, Group A,B,C,D for Sine Wave and Inverter Power. They also include Equivalent Zone markings for Class I, Zone 2, Groups IIA, IIB, IIC for Sine Wave and Inverter Power.

Division 2 Temp Codes are provided in the standard format per the NEC Article 500 requirements. Equivalent Zone Temp Codes are provided in the “T=°C” format because NEC Article 505 does not allow all T Codes permitted by NEC 500. Inverter Temp Codes are provided in the “T=°C” format because they apply to both the Equivalent Zone (NEC 505) requirements and NEC 500 requirements. Please reference the following table for Temperature and Temp Code values.

Maximum Surface Temperature	US (NEC 500) CA (CEC Annex J)	US (NEC 505) CA (CEC Section 18)
450° C	T1	T1
300° C	T2	T2
280° C	T2A	–
260° C	T2B	–
230° C	T2C	–
215° C	T2D	–
200° C	T3	T3

Maximum Surface Temperature	US (NEC 500) CA (CEC Annex J)	US (NEC 505) CA (CEC Section 18)
180° C	T3A	–
165° C	T3B	–
160° C	T3C	–
135° C	T4	T4
120° C	T4A	–
100° C	T5	T5
85° C	T6	T6

Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.		
	Sine Wave	Equivalent Zone	Inverter	V.T.	C.T.	CHP
	Temp Code	Temp Code	Temp Code	Speed Range (Hz)*	Speed Range (Hz)*	Speed Range (Hz)
CECP2276T	T3C	160°C	180°C	0-60	0-60	60-90
CECP2294T	T3C	160°C	180°C	3-60	6-60	60-90
CECP2332T	T3C	160°C	180°C	0-60	0-60	60-90
CECP2333T	T3C	160°C	180°C	0-60	0-60	60-90
CECP2333T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP2334T	T3C	160°C	180°C	0-60	0-60	60-90
CECP2334T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP3581T	T4	135°C	135°C	0-60	0-60	60-90
CECP3582T	T4	135°C	135°C	0-60	0-60	60-90
CECP3584T	T4	135°C	135°C	0-60	0-60	60-90
CECP3587T	T4	135°C	135°C	0-60	0-60	60-90
CECP3660T	T3C	160°C	160°C	3-60	6-60	60-90
CECP3661T	T3C	160°C	160°C	0-60	0-60	60-90
CECP3663T	T3C	160°C	160°C	3-60	6-60	60-90
CECP3664T	T3C	160°C	160°C	0-60	0-60	60-90
CECP3665T	T3C	160°C	160°C	0-60	0-60	60-90
CECP3667T	T3C	160°C	160°C	0-60	0-60	60-90
CECP3764T	T3C	160°C	160°C	0-60	0-60	60-90
CECP3768T	T3C	160°C	160°C	0-60	0-60	60-90
CECP3769T	T3C	160°C	160°C	3-60	6-60	60-90
CECP3770T	T3C	160°C	160°C	0-60	0-60	60-90
CECP3771T	T3C	160°C	160°C	3-60	6-60	60-90
CECP3774T	T3A	180°C	160°C	0-60	0-60	60-90
CECP4100T	T3C	160°C	180°C	0-60	0-60	60-90
CECP4102T	T3C	160°C	180°C	0-60	0-60	60-90
CECP4103T	T3C	160°C	180°C	0-60	0-60	60-90
CECP4103T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP4104T	T3C	160°C	180°C	0-60	0-60	60-90
CECP4104T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP4106T	T3	200°C	200°C	0-60	6-60	60-90
CECP4107T	T3	200°C	200°C	3-60	6-60	60-90
CECP4108T	T3	200°C	200°C	3-60	6-60	60-90
CECP4109T	T3	200°C	200°C	3-60	6-60	60-90
CECP4110T	T3	200°C	200°C	0-60	0-60	60-90
CECP4111T	T3	200°C	200°C	0-60	0-60	60-90
CECP4114T	T3	200°C	200°C	3-60	6-60	60-90
CECP4115T	T3	200°C	200°C	0-60	0-60	60-90
CECP4117T	T3	200°C	200°C	0-60	0-60	60-90
CECP4308T	T3A	180°C	180°C	0-60	6-60	60-90
CECP4310T	T3	200°C	200°C	0-60	6-60	60-75
CECP4312T	T3A	180°C	180°C	0-60	6-60	60-90
CECP4313T	T3	200°C	200°C	0-60	10-60	60-75
CECP4314T	T3	200°C	200°C	0-60	10-60	60-90
CECP4314T-4	T3	200°C	200°C	0-60	10-60	60-90
CECP4314T-5	T3	200°C	200°C	0-60	10-60	60-90
CECP4316T	T3	200°C	200°C	0-60	15-60	60-90
CECP4400T-4	T2D	215°C	215°C	0-60	10-60	60-90

Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.		
	Sine Wave	Equivalent Zone	Inverter	V.T.	C.T.	CHP
	Temp Code	Temp Code	Temp Code	Speed Range (Hz)*	Speed Range (Hz)*	Speed Range (Hz)
CECP4402T-4	T3	200°C	200°C	0-60	6-60	60-75
CECP4406T-4	T3	200°C	200°C	0-60	15-60	60-90
CECP4407T-4	T3	200°C	200°C	0-60	30-60	60-90
CECP4410T-4	T3	200°C	200°C	0-60	30-60	60-90
CECP82276T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP82332T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP82333T-5	T3C	160°C	180°C	0-60	0-60	60-90
CECP82334T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP82334T-5	T3C	160°C	180°C	0-60	0-60	60-90
CECP82394T-4	T3C	160°C	180°C	3-60	6-60	60-90
CECP83580T-4	T4	135°C	135°C	3-60	6-60	60-90
CECP83581T-4	T4	135°C	135°C	0-60	0-60	60-90
CECP83581T-5	T4	135°C	135°C	0-60	0-60	60-90
CECP83582T-4	T4	135°C	135°C	0-60	0-60	60-90
CECP83583T-4	T4	135°C	135°C	3-60	6-60	60-90
CECP83584T-4	T4	135°C	135°C	0-60	0-60	60-90
CECP83586T-4	T4	135°C	135°C	3-60	6-60	60-90
CECP83587T-4	T4	135°C	135°C	0-60	0-60	60-90
CECP83587T-5	T4	135°C	135°C	0-60	0-60	60-90
CECP83660T-4	T3C	160°C	160°C	3-60	6-60	60-90
CECP83661T-4	T3C	160°C	160°C	0-60	0-60	60-90
CECP83661T-5	T3C	160°C	160°C	0-60	0-60	60-90
CECP83663T-4	T3C	160°C	160°C	3-60	6-60	60-90
CECP83664T-4	T3C	160°C	160°C	0-60	0-60	60-90
CECP83665T-4	T3C	160°C	160°C	0-60	0-60	60-90
CECP83665T-5	T3C	160°C	160°C	0-60	0-60	60-90
CECP83667T-4	T3C	160°C	160°C	0-60	0-60	60-90
CECP83764T-4	T3C	160°C	160°C	0-60	0-60	60-90
CECP83768T-4	T3C	160°C	160°C	0-60	0-60	60-90
CECP83769T-4	T3C	160°C	160°C	3-60	6-60	60-90
CECP83770T-4	T3C	160°C	160°C	0-60	0-60	60-90
CECP83770T-5	T3C	160°C	160°C	0-60	0-60	60-90
CECP83771T-4	T3C	160°C	160°C	3-60	6-60	60-90
CECP83774T-4	T3C	160°C	160°C	0-60	0-60	60-90
CECP83774T-5	T3C	160°C	160°C	0-60	0-60	60-90
CECP84100T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP84102T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP84103T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP84103T-5	T3C	160°C	180°C	0-60	0-60	60-90
CECP84104T-4	T3C	160°C	180°C	0-60	0-60	60-90
CECP84104T-5	T3C	160°C	180°C	0-60	0-60	60-90
CECP84106T-4	T3	200°C	200°C	3-60	6-60	60-90
CECP84107T-4	T3	200°C	200°C	3-60	6-60	60-90
CECP84108T-4	T3	200°C	200°C	3-60	6-60	60-90
CECP84109T-4	T3	200°C	200°C	3-60	6-60	60-90
CECP84110T-4	T3	200°C	200°C	0-60	0-60	60-90

* 0 Hz = motor slip Hz (1) Not suitable for Division 2 applications

For more information visit baldor.com or new.abb.com/motors-generators

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

Division 2 capabilities (continued)

Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.		
	Sine Wave	Equivalent Zone	Inverter	V.T.	C.T.	CHP
	Temp Code	Temp Code T = °C	Temp Code T = °C	Speed Range (Hz)*	Speed Range (Hz)*	Speed Range (Hz)
CECP84110T-5	T3	200°C	200°C	0-60	0-60	60-90
CECP84111T-4	T3	200°C	200°C	0-60	0-60	60-90
CECP84114T-4	T3	200°C	200°C	3-60	6-60	60-90
CECP84115T-4	T3	200°C	200°C	0-60	0-60	60-90
CECP84115T-5	T3	200°C	200°C	0-60	0-60	60-90
CECP84117T-4	T3	200°C	200°C	0-60	0-60	60-90
CECP84308T-4	T3A	180°C	180°C	0-60	6-60	60-90
CECP84310T-4	T3	200°C	200°C	0-60	6-60	60-75
CECP84312T-4	T3A	180°C	180°C	0-60	6-60	60-90
CECP84313T-4	T3	200°C	200°C	0-60	15-60	60-75
CECP84314T-4	T3	200°C	200°C	0-60	10-60	60-90
CECP84316T-4	T3	200°C	200°C	0-60	15-60	60-90
CENCP83580T-4	T3C	160°C	160°C	3-60	6-60	60-90
CENCP83581T-4	T4	135°C	135°C	0-60	0-60	60-90
CXT3074T	T3C	160°C	180°C	3-60	3-60	60-90
CXT30152T	T4	135°C	135°C	6-60	6-60	60-90
CXT30154T	T4	135°C	135°C	3-60	3-60	60-90
CXT30156T	T3C	160°C	160°C	3-60	3-60	60-90
CXT3012T	T4	135°C	135°C	6-60	6-60	60-90
CXT3014T	T4	135°C	135°C	3-60	3-60	60-90
CXT3016T	T4	135°C	135°C	3-60	3-60	60-90
CXT3022T	T4	135°C	135°C	6-60	6-60	60-90
CXT3024T	T4	135°C	135°C	3-60	3-60	60-90
CXT3026T	T3C	160°C	160°C	3-60	3-60	60-90
CXT3032T	T3C	160°C	160°C	6-60	6-60	60-90
CXT3032T-140	(1)	(1)	(1)	6-60	6-60	60-90
CXT3034T	T3C	160°C	160°C	3-60	3-60	60-90
CXT3036T	T3C	160°C	160°C	3-60	3-60	60-90
CXT3052T	T3C	160°C	160°C	3-60	3-60	60-90
CXT3054T	T3C	160°C	160°C	3-60	3-60	60-90
CXT3056T	T3C	160°C	160°C	3-60	3-60	60-90
CXT3072T	T3C	160°C	160°C	6-60	6-60	60-90
CXT3072T-180	(1)	(1)	(1)	6-60	6-60	60-90
CXT3076T	T3A	180°C	180°C	3-60	3-60	60-90
CXT31002TS	T3	200°C	200°C	0-60	6-60	60-75
CXT31004T-4	T2D	215°C	215°C	0-60	10-60	60-90
CXT3102T	T3C	160°C	160°C	6-60	6-60	60-90
CXT3104T	T3C	180°C	180°C	3-60	3-60	60-90
CXT3106T	T3A	180°C	180°C	3-60	3-60	60-90
CXT31254T-4	T3	200°C	200°C	0-60	10-60	60-90
CXT31504T-4	T3	200°C	200°C	0-60	15-60	60-90
CXT3152T	T3A	180°C	180°C	3-60	6-60	60-90
CXT3152T-210	(1)	(1)	(1)	15-60	15-60	60-90
CXT3154T	T3A	180°C	180°C	3-60	3-60	60-90
CXT3156T	T3A	180°C	180°C	3-60	3-60	60-90
CXT32004T-4	T3	200°C	200°C	0-60	30-60	60-90
CXT3202T	T3	200°C	200°C	6-60	6-60	60-90
CXT3204T	T3A	180°C	180°C	3-60	3-60	60-90
CXT3206T	T3	200°C	200°C	3-60	3-60	60-90
CXT32504T-4	T3	200°C	200°C	0-60	30-60	60-90
CXT3252T-250	(1)	(1)	(1)	6-60	6-60	60-90
CXT3252TS	T3	200°C	200°C	6-60	6-60	60-90
CXT3254T	T3A	180°C	180°C	0-60	1-60	60-90
CXT3256T	T3	200°C	200°C	3-60	3-60	60-90
CXT33004T-4	T2C	230°C	230°C	0-60	30-60	60-90
CXT3302TS	T3	200°C	200°C	6-60	6-60	60-90
CXT3304T	T3	200°C	200°C	3-60	3-60	60-90
CXT3306T	T3	200°C	200°C	3-60	3-60	60-90
CXT3402TS	T3	200°C	200°C	6-60	6-60	60-90
CXT3404T	T3	200°C	200°C	0-60	.8-60	60-90
CXT3406T	T3A	180°C	180°C	0-60	6-60	60-90
CXT3502TS	T3	200°C	200°C	6-60	6-60	60-90
CXT3504T	T3	200°C	200°C	3-60	3-60	60-90
CXT3506T	T3A	180°C	180°C	0-60	6-60	60-90
CXT3602TS	T3	200°C	200°C	0-60	6-60	60-75
CXT3604T	T3	200°C	200°C	0-60	10-60	60-90
CXT3752TS	T3	200°C	200°C	0-60	10-60	60-75
CXT3754T	T3	200°C	200°C	0-60	30-60	60-90
ECP2276T	T3C	160°C	180°C	0-60	0-60	60-90
ECP2276T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP2276T-5	T3C	160°C	180°C	0-60	0-60	60-90

* 0 Hz = motor slip Hz

(1) Not suitable for Division 2 applications

Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.		
	Sine Wave	Equivalent Zone	Inverter	V.T.	C.T.	CHP
	Temp Code	Temp Code T = °C	Temp Code T = °C	Speed Range (Hz)*	Speed Range (Hz)*	Speed Range (Hz)
ECP2280T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP2294T	T3C	160°C	180°C	3-60	6-60	60-90
ECP2332T	T3C	160°C	180°C	0-60	0-60	60-90
ECP2332T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP2332T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP2333T	T3C	160°C	180°C	0-60	0-60	60-90
ECP2333T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP2333T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP2334T	T3C	160°C	180°C	0-60	0-60	60-90
ECP2334T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP2334T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP2394T-4	T3C	160°C	180°C	3-60	6-60	60-90
ECP2394T-5	T3C	160°C	180°C	3-60	6-60	60-90
ECP2395T-4	T3	200°C	200°C	3-60	0-60	60-90
ECP2401T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP2402T-4	T3	200°C	200°C	3-60	0-60	60-90
ECP3580T	T4	135°C	135°C	3-60	6-60	60-90
ECP3580T-4	T4	135°C	135°C	3-60	6-60	60-90
ECP3580T-5	T4	135°C	135°C	3-60	6-60	60-90
ECP3581T	T4	135°C	135°C	0-60	0-60	60-90
ECP3581T-4	T4	135°C	135°C	0-60	0-60	60-90
ECP3581T-5	T4	135°C	135°C	0-60	0-60	60-90
ECP3582T	T4	135°C	135°C	0-60	0-60	60-90
ECP3582T-4	T4	135°C	135°C	0-60	0-60	60-90
ECP3583T	T4	135°C	135°C	3-60	6-60	60-90
ECP3583T-4	T4	135°C	135°C	3-60	6-60	60-90
ECP3584T	T4	135°C	135°C	0-60	0-60	60-90
ECP3584T-4	T4	135°C	135°C	0-60	0-60	60-90
ECP3584T-5	T4	135°C	135°C	0-60	0-60	60-90
ECP3586T	T4	135°C	135°C	3-60	6-60	60-90
ECP3586T-4	T4	135°C	135°C	3-60	3-60	60-90
ECP3587T	T4	135°C	135°C	0-60	0-60	60-90
ECP3587T-4	T4	135°C	135°C	0-60	0-60	60-90
ECP3587T-5	T4	135°C	135°C	0-60	0-60	60-90
ECP3660T	T3C	160°C	160°C	3-60	6-60	60-90
ECP3660T-4	T3C	160°C	160°C	3-60	6-60	60-90
ECP3660T-5	T3C	160°C	160°C	3-60	6-60	60-90
ECP3661T	T3C	160°C	160°C	0-60	0-60	60-90
ECP3661T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP3661T-5	T3C	160°C	160°C	0-60	0-60	60-90
ECP3663T	T3C	160°C	160°C	3-60	6-60	60-90
ECP3663T-4	T3C	160°C	160°C	3-60	6-60	60-90
ECP3663T-5	T3C	160°C	160°C	3-60	6-60	60-90
ECP3664T	T3C	160°C	160°C	0-60	0-60	60-90
ECP3664T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP3665T	T3C	160°C	160°C	0-60	0-60	60-90
ECP3665T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP3665T-5	T3C	160°C	160°C	0-60	0-60	60-90
ECP3667T	T3C	160°C	160°C	0-60	0-60	60-90
ECP3667T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP3668T-4	T3C	160°C	160°C	0-60	3-60	60-90
ECP3687T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP3764T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP3764T-5	T3C	160°C	160°C	0-60	0-60	60-90
ECP3768T	T3C	160°C	160°C	0-60	0-60	60-90
ECP3768T-4	T3C	160°C	160°C	0-90	0-60	60-90
ECP3768T-5	T3C	160°C	160°C	0-60	0-60	60-90
ECP3769T	T3C	160°C	160°C	3-60	6-60	60-90
ECP3769T-4	T3C	160°C	160°C	3-60	6-60	60-90
ECP3769T-5	T3C	160°C	160°C	3-60	6-60	60-90
ECP3770T	T3C	160°C	160°C	0-60	0-60	60-90
ECP3770T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP3770T-5	T3C	160°C	160°C	0-60	0-60	60-90
ECP3771T	T3C	160°C	160°C	3-60	6-60	60-90
ECP3771T-4	T3C	160°C	160°C	3-60	6-60	60-90
ECP3771T-5	T3C	160°C	160°C	3-60	6-60	60-90
ECP3772T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP3774T	T3C	160°C	160°C	0-60	0-60	60-90
ECP3774T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP3774T-5	T3C	160°C	160°C	0-60	0-60	60-90

Division 2 capabilities (continued)

Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.		
	Sine Wave Temp Code	Equivalent Zone Temp Code T = °C	Inverter Temp Code T = °C	V.T. Speed Range (Hz)*	C.T. Speed Range (Hz)*	CHP Speed Range (Hz)
ECP3775T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP4100T	T3C	160°C	180°C	0-60	0-60	60-90
ECP4100T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP4100T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP4102T	T3C	160°C	180°C	0-60	0-60	60-90
ECP4102T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP4102T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP4103T	T3C	160°C	180°C	0-60	0-60	60-90
ECP4103T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP4103T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP4104T	T3C	160°C	180°C	0-60	0-60	60-90
ECP4104T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP4104T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP4106T	T3	200°C	200°C	3-60	6-60	60-90
ECP4106T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP4106T-5	T3	200°C	200°C	3-60	6-60	60-90
ECP4107T	T3	200°C	200°C	3-60	6-60	60-90
ECP4107T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP4108T	T3	200°C	200°C	3-60	6-60	60-90
ECP4108T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP4109T	T3	200°C	200°C	3-60	6-60	60-90
ECP4109T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP4110T	T3	200°C	200°C	0-60	0-60	60-90
ECP4110T-4	T3	200°C	200°C	0-60	0-60	60-90
ECP4110T-5	T3	200°C	200°C	0-60	0-60	60-90
ECP4111T	T3	200°C	200°C	0-60	0-60	60-90
ECP4111T-4	T3	200°C	200°C	0-60	0-60	60-90
ECP4111T-5	T3	200°C	200°C	0-60	0-60	60-90
ECP4112T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP4113T-4	T3	200°C	200°C	0-60	6-60	60-90
ECP4114T	T3	200°C	200°C	3-60	6-60	60-90
ECP4114T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP4115T	T3	200°C	200°C	0-60	0-60	60-90
ECP4115T-4	T3	200°C	200°C	0-60	0-60	60-90
ECP4115T-5	T3	200°C	200°C	0-60	0-60	60-90
ECP4117T	T3	200°C	200°C	0-60	0-60	60-90
ECP4117T-4	T3	200°C	200°C	0-60	0-60	60-90
ECP4117T-5	T3	200°C	200°C	0-60	1-60	60-90
ECP4124T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP4308T	T3A	180°C	180°C	0-60	6-60	60-90
ECP4308T-4	T3A	180°C	180°C	0-60	6-60	60-90
ECP4308T-5	T3A	180°C	180°C	0-60	6-60	60-90
ECP4310T	T3	200°C	200°C	0-60	6-60	60-75
ECP4310T-4	T3	200°C	200°C	0-60	6-60	60-75
ECP4312T	T3A	180°C	180°C	0-60	6-60	60-90
ECP4312T-4	T3A	180°C	180°C	0-60	6-60	60-90
ECP4313T	T3	200°C	200°C	0-60	10-60	60-75
ECP4313T-4	T3	200°C	200°C	0-60	10-60	60-75
ECP4313T-5	T3	200°C	200°C	0-60	10-60	60-75
ECP4314T	T3	200°C	200°C	0-60	10-60	60-90
ECP4314T-4	T3	200°C	200°C	0-60	10-60	60-90
ECP4314T-5	T3	200°C	200°C	0-60	10-60	60-90
ECP4315T-4	T3C	160°C	180°C	0-60	6-60	60-90
ECP4316T	T3	200°C	200°C	0-60	30-60	60-90
ECP4316T-4	T3	200°C	200°C	0-60	30-60	60-90
ECP4316T-5	T3	200°C	200°C	0-60	30-60	60-90
ECP4316TR-4	T3	200°C	200°C	0-60	30-60	60-90
ECP4400T-4	T2D	215°C	215°C	0-60	10-60	60-90
ECP4400T-5	T2D	215°C	215°C	0-60	10-60	60-90
ECP4400TR-4	T2D	215°C	215°C	0-60	10-60	60-90
ECP4400TS-4	T2D	215°C	215°C	0-60	10-60	60-90
ECP4402T	T3	200°C	200°C	0-60	6-60	60-75
ECP4402T-4	T3	200°C	200°C	0-60	6-60	60-75
ECP4403T	T3A	180°C	180°C	0-60	6-60	60-90
ECP4403T-4	T3A	180°C	180°C	0-60	6-60	60-90
ECP4403TR-4	T3	200°C	200°C	0-60	10-60	60-90
ECP4404T	T3	200°C	200°C	0-60	10-60	60-90
ECP4404T-4	T3	200°C	200°C	0-60	10-60	60-90
ECP4404T-5	T3	200°C	200°C	0-60	10-60	60-90
ECP4404TR-4	T3	200°C	200°C	0-60	10-60	60-90
ECP4406T-4	T3	200°C	200°C	0-60	15-60	60-90

* 0 Hz = motor slip Hz

(1) Not suitable for Division 2 applications

Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.		
	Sine Wave Temp Code	Equivalent Zone Temp Code T = °C	Inverter Temp Code T = °C	V.T. Speed Range (Hz)*	C.T. Speed Range (Hz)*	CHP Speed Range (Hz)
ECP4406T-5	T3	200°C	200°C	0-60	15-60	60-90
ECP4406TR-4	T3	200°C	200°C	0-60	15-60	60-90
ECP4407T-4	T3	200°C	200°C	0-60	30-60	60-90
ECP4407T-5	T3	200°C	200°C	0-60	30-60	60-90
ECP4407TR-4	T3	200°C	200°C	0-60	30-60	60-90
ECP4407TS-4	T3	200°C	200°C	0-60	30-60	60-90
ECP4408T-4	T3	200°C	200°C	0-60	30-60	60-90
ECP4408TR-4	T3	200°C	200°C	0-60	30-60	60-90
ECP4409T-4	T3	200°C	200°C	0-60	15-60	60-90
ECP4409TR-4	T3	200°C	200°C	0-60	15-60	60-90
ECP4410T-4	T3	200°C	200°C	0-60	10-60	60-90
ECP4410T-5	T3	200°C	200°C	0-60	10-60	60-90
ECP4410TR-4	T3	200°C	200°C	0-60	10-60	60-90
ECP4411T-4	T3	200°C	200°C	0-60	15-60	60-90
ECP4411T-5	T3	200°C	200°C	0-60	15-60	60-90
ECP4411TR-4	T3	200°C	200°C	0-60	15-60	60-90
ECP4412T	T3	200°C	200°C	0-60	15-60	60-75
ECP4412T-4	T3	200°C	200°C	0-60	15-60	60-75
ECP4413T-4	T3	200°C	200°C	0-60	10-60	60-75
ECP44156T-4	T3	200°C	200°C	0-60	15-60	60-90
ECP44156TR-4	T3	200°C	200°C	0-60	15-60	60-90
ECP4416T-4	T3	200°C	200°C	0-60	30-60	60-75
ECP4417T-4	T3C	160°C	200°C	3-60	6-60	60-90
ECP4418T-4	T3A	180°C	180°C	0-60	6-60	60-90
ECP4419T-4	T3	200°C	200°C	0-60	10-60	60-90
ECP44206T-4	T3	200°C	200°C	0-60	30-60	60-90
ECP44206TR-4	T3	200°C	200°C	0-60	30-60	60-90
ECP4420T-4	T3	200°C	200°C	0-60	15-60	60-90
ECP4421T-4	T3	200°C	200°C	0-60	30-60	60-90
ECP4422T-4	T3	200°C	200°C	0-60	15-60	60-90
ECP4423T-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP44252T-4	T2C	230°C	230°C	0-60	30-60	60-75
ECP44256T-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP44256TR-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP44302T-4	T2C	230°C	230°C	0-60	30-60	60-75
ECP44304T-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP44304TR-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP44352T-4	T2C	230°C	230°C	0-60	30-60	60-75
ECP44402T-4	T2C	230°C	230°C	0-60	30-60	60-75
ECP49306T-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP49308T-4	T2A	280°C	280°C	6-60	30-60	60-75
ECP49258T-4	T2C	230°C	260°C	6-60	30-60	60-90
ECP49354T-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP49404T-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP62333TR-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP62334TR-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP63665T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP63770TR-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP63774TR-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP64103TR-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP64104TR-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP64110TR-4	T3	200°C	200°C	0-60	0-60	60-90
ECP64115TR-4	T3	200°C	200°C	0-60	0-60	60-90
ECP64314TR-4	T3	200°C	200°C	0-60	10-60	60-90
ECP64316TR-4	T3	200°C	200°C	0-60	15-60	60-90
ECP82276T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP82276T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP82332T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP82332T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP82333T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP82333T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP82334T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP82334T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP82394T-4	T3C	160°C	180°C	3-60	6-60	60-90
ECP82394T-5	T3C	160°C	180°C	3-60	6-60	60-90
ECP83580T-4	T4	135°C	135°C	3-60	6-60	60-90
ECP83580T-5	T4	135°C	135°C	3-60	6-60	60-90
ECP83581T-4	T4	135°C	135°C	0-60	0-60	60-90
ECP83581T-5	T4	135°C	135°C	0-60	0-60	60-90
ECP83582T-4	T4	135°C	135°C	0-60	0-60	60-90
ECP83582T-5	T4	135°C	135°C	0-60	0-60	60-90

Division 2 capabilities (continued)

Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.		
	Sine Wave	Equivalent Zone	Inverter Temp	V.T. Speed	C.T. Speed	CHP Speed
	Temp Code	Temp Code	Temp Code	Range (Hz)*	Range (Hz)*	Range (Hz)
ECP83583T-4	T4	135°C	135°C	3-60	6-60	60-90
ECP83583T-5	T4	135°C	135°C	3-60	6-60	60-90
ECP83584T-4	T4	135°C	135°C	0-60	0-60	60-90
ECP83584T-5	T4	135°C	135°C	0-60	0-60	60-90
ECP83586T-4	T4	135°C	135°C	3-60	6-60	60-90
ECP83586T-5	T4	135°C	135°C	3-60	6-60	60-90
ECP83587T-4	T4	135°C	135°C	0-60	0-60	60-90
ECP83587T-5	T4	135°C	135°C	0-60	0-60	60-90
ECP83660T-4	T3C	160°C	160°C	3-60	6-60	60-90
ECP83660T-5	T3C	160°C	160°C	3-60	6-60	60-90
ECP83661T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP83661T-5	T3C	160°C	160°C	0-60	0-60	60-90
ECP83663T-4	T3C	160°C	160°C	3-60	6-60	60-90
ECP83663T-5	T3C	160°C	160°C	3-60	6-60	60-90
ECP83664T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP83664T-5	T3C	160°C	160°C	0-60	0-60	60-90
ECP83665T-4	T3A	180°C	160°C	0-60	0-60	60-90
ECP83665T-5	T3A	180°C	160°C	0-60	0-60	60-90
ECP83667T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP83667T-5	T3C	160°C	160°C	0-60	0-60	60-90
ECP83764T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP83764T-5	T3C	160°C	160°C	0-60	0-60	60-90
ECP83768T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP83768T-5	T3C	160°C	160°C	0-60	0-60	60-90
ECP83769T-4	T3C	160°C	160°C	3-60	6-60	60-90
ECP83769T-5	T3C	160°C	160°C	3-60	6-60	60-90
ECP83770T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP83770T-5	T3C	160°C	160°C	0-60	0-60	60-90
ECP83771T-4	T3C	160°C	160°C	3-60	6-60	60-90
ECP83771T-5	T3C	160°C	160°C	3-60	6-60	60-90
ECP83774T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP83774T-5	T3C	160°C	160°C	0-60	0-60	60-90
ECP84100T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP84100T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP84102T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP84102T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP84103T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP84103T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP84104T-4	T3C	160°C	180°C	0-60	0-60	60-90
ECP84104T-5	T3C	160°C	180°C	0-60	0-60	60-90
ECP84106T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP84106T-5	T3	200°C	200°C	3-60	6-60	60-90
ECP84107T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP84107T-5	T3	200°C	200°C	3-60	6-60	60-90
ECP84108T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP84108T-5	T3	200°C	200°C	3-60	6-60	60-90
ECP84109T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP84109T-5	T3	200°C	200°C	3-60	6-60	60-90
ECP84110T-4	T3	200°C	200°C	0-60	0-60	60-90
ECP84110T-5	T3	200°C	200°C	0-60	0-60	60-90
ECP84111T-4	T3	200°C	200°C	0-60	0-60	60-90
ECP84111T-5	T3	200°C	200°C	0-60	0-60	60-90
ECP84114T-4	T3	200°C	200°C	3-60	6-60	60-90
ECP84114T-5	T3	200°C	200°C	3-60	6-60	60-90
ECP84115T-4	T3	200°C	200°C	0-60	0-60	60-90
ECP84115T-5	T3	200°C	200°C	0-60	0-60	60-90
ECP84117T-4	T3	200°C	200°C	0-60	0-60	60-90
ECP84117T-5	T3	200°C	200°C	0-60	0-60	60-90
ECP84308T-4	T3A	180°C	180°C	0-60	6-60	60-90
ECP84308T-5	T3A	180°C	180°C	0-60	6-60	60-90
ECP84310T-4	T3	200°C	200°C	0-60	6-60	60-75
ECP84310T-5	T3	200°C	200°C	0-60	6-60	60-75
ECP84312T-4	T3A	180°C	180°C	0-60	6-60	60-90
ECP84312T-5	T3A	180°C	180°C	0-60	6-60	60-90
ECP84313T-4	T3	200°C	200°C	0-60	15-60	60-75
ECP84313T-5	T3	200°C	200°C	0-60	15-60	60-75
ECP84314T-4	T3	200°C	200°C	0-60	10-60	60-90
ECP84314T-5	T3	200°C	200°C	0-60	10-60	60-90
ECP84316T-4	T3	200°C	200°C	0-60	15-60	60-90
ECP84316T-5	T3	200°C	200°C	0-60	15-60	60-90
ECP84400T-4	T2D	215°C	215°C	0-60	10-60	60-90

Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.		
	Sine Wave	Equivalent Zone	Inverter Temp	V.T. Speed	C.T. Speed	CHP Speed
	Temp Code	Temp Code	Temp Code	Range (Hz)*	Range (Hz)*	Range (Hz)
ECP84400T-5	T2D	215°C	215°C	0-60	10-60	60-90
ECP84400TR-4	T2D	215°C	215°C	0-60	10-60	60-90
ECP84402T-4	T3	200°C	200°C	0-60	10-60	60-75
ECP84402T-5	T3	200°C	200°C	0-60	10-60	60-75
ECP84403T-4	T3	200°C	200°C	0-60	10-60	60-90
ECP84403T-5	T3	200°C	200°C	0-60	10-60	60-90
ECP84404T-4	T3	200°C	200°C	0-60	10-60	60-90
ECP84404T-5	T3	200°C	200°C	0-60	10-60	60-90
ECP84406T-4	T3	200°C	200°C	0-60	15-60	60-90
ECP84406T-5	T3	200°C	200°C	0-60	15-60	60-90
ECP84407T-4	T3	200°C	200°C	0-60	30-60	60-90
ECP84407T-5	T3	200°C	200°C	0-60	30-60	60-90
ECP84407TR-4	T3	200°C	200°C	0-60	30-60	60-90
ECP84407TR-5	T3	200°C	200°C	0-60	30-60	60-90
ECP84408T-4	T3	200°C	200°C	0-60	30-60	60-90
ECP84408T-5	T3	200°C	200°C	0-60	30-60	60-90
ECP84408TR-4	T3	200°C	200°C	0-60	30-60	60-90
ECP84408TR-5	T3	200°C	200°C	0-60	30-60	60-90
ECP84409T-4	T3	200°C	200°C	0-60	15-60	60-90
ECP84409T-5	T3	200°C	200°C	0-60	15-60	60-90
ECP84409TR-4	T3	200°C	200°C	0-60	15-60	60-90
ECP84410T-4	T3	200°C	200°C	0-60	10-60	60-90
ECP84410T-5	T3	200°C	200°C	0-60	10-60	60-90
ECP84410TR-4	T3	200°C	200°C	0-60	10-60	60-90
ECP84411T-4	T3	200°C	200°C	0-60	15-60	60-90
ECP84411T-5	T3	200°C	200°C	0-60	15-60	60-90
ECP84411TR-4	T3	200°C	200°C	0-60	15-60	60-90
ECP84412T-4	T3	200°C	200°C	0-60	15-60	60-75
ECP84412T-5	T3	200°C	200°C	0-60	30-60	60-75
ECP84413T-4	T3	200°C	200°C	0-60	10-60	60-75
ECP84413T-5	T3	200°C	200°C	0-60	10-60	60-75
ECP844156T-4	T3	200°C	200°C	0-60	15-60	60-90
ECP844156TR-4	T3	200°C	200°C	0-60	15-60	60-90
ECP844156TR-5	T3	200°C	200°C	0-60	15-60	60-90
ECP84416T-4	T3	200°C	200°C	0-60	30-60	60-75
ECP84416T-5	T2C	230°C	230°C	0-60	30-60	60-75
ECP844206T-4	T3	200°C	200°C	0-60	30-60	60-90
ECP844206TR-4	T3	200°C	200°C	0-60	30-60	60-90
ECP844206TR-5	T3	200°C	200°C	0-60	30-60	60-90
ECP844252T-4	T2D	215°C	215°C	0-60	30-60	60-75
ECP844252T-5	T2C	230°C	230°C	0-60	30-60	60-75
ECP844256T-4	T2D	215°C	215°C	0-60	30-60	60-90
ECP844256TR-4	T2D	215°C	215°C	0-60	30-60	60-90
ECP844256TR-5	T2D	215°C	215°C	0-60	30-60	60-90
ECP844306T-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP844306TR-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP844306TR-5	T2C	230°C	230°C	0-60	30-60	60-90
ENCP3580T-4	T3C	160°C	160°C	3-60	6-60	60-90
ENCP3581T-4	T4	135°C	135°C	0-60	0-60	60-90
ENCP83580T-4	T3C	160°C	160°C	3-60	6-60	60-90
ENCP83581T-4	T4	135°C	135°C	0-60	0-60	60-90
VECP2276T	T3C	160°C	180°C	0-60	0-60	60-90
VECP2332T	T3C	160°C	180°C	0-60	0-60	60-90
VECP2333T	T3C	160°C	180°C	0-60	0-60	60-90
VECP2333T-4	T3C	160°C	180°C	0-60	0-60	60-90
VECP2334T	T3C	160°C	180°C	0-60	0-60	60-90
VECP2334T-4	T3C	160°C	180°C	0-60	0-60	60-90
VECP3580-4	T4	135°C	135°C	3-60	6-60	60-90
VECP3581	T4	135°C	135°C	0-60	0-60	60-90
VECP3581-4	T4	135°C	135°C	0-60	0-60	60-90
VECP3581T	T4	135°C	135°C	0-60	0-60	60-90
VECP3581T-4	T4	135°C	135°C	0-60	0-60	60-90
VECP3582T	T4	135°C	135°C	0-60	0-60	60-90
VECP3583T-4	T4	135°C	135°C	3-60	6-60	60-90
VECP3584T	T4	135°C	135°C	0-60	0-60	60-90
VECP3584T-4	T4	135°C	135°C	0-60	0-60	60-90
VECP3586T-4	T4	135°C	135°C	3-60	6-60	60-90
VECP3587T	T4	135°C	135°C	0-60	0-60	60-90
VECP3587T-4	T4	135°C	135°C	0-60	0-60	60-90
VECP3660T-4	T3C	160°C	160°C	0-60	6-60	60-90
VECP3661T	T3C	160°C	160°C	0-60	0-60	60-90

* 0 Hz = motor slip Hz

(1) Not suitable for Division 2 applications

Division 2 capabilities (continued)

Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.		
	Sine Wave	Equivalent Zone	Inverter	V.T.	C.T.	CHP
	Temp Code	Temp Code T = °C	Temp Code T = °C	Speed Range (Hz)*	Speed Range (Hz)*	Speed Range (Hz)
VECP3661T-4	T3C	160°C	160°C	0-60	0-60	60-90
VECP3663T-4	T3C	160°C	160°C	3-60	6-60	60-90
VECP3664T	T3C	160°C	160°C	0-60	0-60	60-90
VECP3665T	T3C	160°C	160°C	0-60	0-60	60-90
VECP3665T-4	T3C	160°C	160°C	0-60	0-60	60-90
VECP3667T	T3C	160°C	160°C	0-60	0-60	60-90
VECP3764T	T3C	160°C	160°C	0-60	0-60	60-90
VECP3768T	T3C	160°C	160°C	0-60	0-60	60-90
VECP3769T-4	T3C	160°C	160°C	3-60	6-60	60-90
VECP3770T	T3C	160°C	160°C	0-60	0-60	60-90
VECP3770T-4	T3C	160°C	160°C	0-60	0-60	60-90
VECP3771T-4	T3C	160°C	160°C	3-60	6-60	60-90
VECP3774T	T3C	160°C	160°C	0-60	0-60	60-90
VECP3774T-4	T3C	160°C	160°C	0-60	0-60	60-90
VECP4100T	T3C	160°C	180°C	0-60	0-60	60-90
VECP4102T	T3C	160°C	180°C	0-60	0-60	60-90
VECP4103T	T3C	160°C	180°C	0-60	0-60	60-90
VECP4111T	T3	200°C	200°C	0-60	0-60	60-90
VECP82333T-4	T3C	160°C	180°C	0-60	0-60	60-90
VECP82334T-4	T3C	160°C	180°C	0-60	0-60	60-90
VECP82394T-4	T3C	160°C	180°C	0-60	6-60	60-90
VECP83583T-4	T4	135°C	135°C	3-60	6-60	60-90
VECP83584T-4	T4	135°C	135°C	0-60	0-60	60-90
VECP83586T-4	T4	135°C	135°C	3-60	6-60	60-90
VECP83587T-4	T4	135°C	135°C	0-60	0-60	60-90
VECP83660T-4	T3C	160°C	160°C	3-60	6-60	60-90
VECP83661T-4	T3C	160°C	160°C	0-60	0-60	60-90
VECP83663T-4	T3C	160°C	160°C	3-60	6-60	60-90
VECP83665T-4	T3C	160°C	160°C	0-60	0-60	60-90
VECP83769T-4	T3C	160°C	160°C	3-60	6-60	60-90
VECP83770T-4	T3C	160°C	160°C	0-60	0-60	60-90
VECP83771T-4	T3C	160°C	160°C	3-60	6-60	60-90
VECP83774T-4	T3C	160°C	160°C	0-60	0-60	60-90
VECP84106T-4	T3	200°C	200°C	3-60	6-60	60-90
VENC83580T-4	T3C	160°C	160°C	3-60	6-60	60-90
VENC83581T-4	T4	135°C	135°C	0-60	0-60	60-90
VXT30152T	T4	135°C	135°C	6-60	6-60	60-90
VXT30154T	T4	135°C	135°C	3-60	3-60	60-90
VXT30156T	T3C	160°C	160°C	3-60	3-60	60-90
VXT3012T	T4	135°C	135°C	6-60	6-60	60-90
VXT3014T	T4	135°C	135°C	3-60	3-60	60-90
VXT3016T	T4	135°C	135°C	3-60	3-60	60-90
VXT3022T	T4	135°C	135°C	6-60	6-60	60-90
VXT3024T	T4	135°C	135°C	3-60	3-60	60-90
VXT3026T	T3C	160°C	160°C	3-60	3-60	60-90
VXT3032T	T3C	160°C	160°C	6-60	6-60	60-90
VXT3032T-140	(1)	(1)	(1)	6-60	6-60	60-90
VXT3034T	T3C	160°C	160°C	3-60	3-60	60-90
VXT3036T	T3C	160°C	160°C	3-60	3-60	60-90
VXT3052T	T3C	160°C	160°C	6-60	6-60	60-90
VXT3054T	T3C	160°C	160°C	6-60	6-60	60-90
VXT3056T	T3C	160°C	160°C	3-60	3-60	60-90
VXT3072T	T3C	160°C	160°C	6-60	6-60	60-90
VXT3072T-180	(1)	(1)	(1)	6-60	6-60	60-90
VXT3074T	T3C	160°C	180°C	3-60	3-60	60-90
VXT3076T	T3A	180°C	180°C	3-60	3-60	60-90
VXT3102T	T3C	160°C	160°C	3-60	3-60	60-90
VXT3104T	T3C	160°C	160°C	3-60	3-60	60-90
VXT3106T	T3A	180°C	180°C	3-60	3-60	60-90
VXT3152T	T3A	180°C	180°C	6-60	6-60	60-90
VXT3152T-210	(1)	(1)	(1)	15-60	15-60	60-90
VXT3154T	T3A	180°C	180°C	3-60	3-60	60-90
VXT3156T	T3A	180°C	180°C	3-60	3-60	60-90
VXT3202T	T3	200°C	200°C	6-60	6-60	60-90
VXT3204T	T3A	180°C	180°C	0-60	1-60	60-90
VXT3206T	T3	200°C	200°C	3-60	3-60	60-90
VXT3252T-250	(1)	(1)	(1)	6-60	6-60	60-90
VXT3252TS	T3	200°C	200°C	6-60	6-60	60-90
VXT3254T	T3A	180°C	180°C	3-60	3-60	60-90
VXT3256T	T3	200°C	200°C	0-60	1-60	60-90
VXT3302TS	T3	200°C	200°C	3-60	6-60	60-90

* 0 Hz = motor slip Hz

(1) Not suitable for Division 2 applications

For more information visit baldor.com or new.abb.com/motors-generators

Catalog Number	Sine Wave, 1.15 S.F.			Inverter Power, 1.0 S.F.		
	Sine Wave	Equivalent Zone	Inverter	V.T.	C.T.	CHP
	Temp Code	Temp Code T = °C	Temp Code T = °C	Speed Range (Hz)*	Speed Range (Hz)*	Speed Range (Hz)
VXT3304T	T3	200°C	200°C	3-60	3-60	60-90
XT30152T	T4	135°C	135°C	6-60	6-60	60-90
XT30154T	T4	135°C	135°C	3-60	3-60	60-90
XT30156T	T3C	160°C	160°C	3-60	3-60	60-90
XT3012T	T4	135°C	135°C	6-60	6-60	60-90
XT3014T	T4	135°C	135°C	3-60	3-60	60-90
XT3016T	T4	135°C	135°C	3-60	3-60	60-90
XT3022T	T4	135°C	135°C	6-60	6-60	60-90
XT3024T	T4	135°C	135°C	3-60	3-60	60-90
XT3026T	T3C	160°C	160°C	3-60	3-60	60-90
XT3032T	T3C	160°C	160°C	6-60	6-60	60-90
XT3032T-140	(1)	(1)	(1)	6-60	6-60	60-90
XT3034T	T3C	160°C	160°C	3-60	3-60	60-90
XT3036T	T3C	160°C	160°C	3-60	3-60	60-90
XT3052T	T3C	160°C	160°C	6-60	6-60	60-90
XT3054T	T3C	160°C	160°C	3-60	3-60	60-90
XT3056T	T3C	160°C	160°C	3-60	3-60	60-90
XT3072T	T3C	160°C	160°C	6-60	6-60	60-90
XT3072T-180	(1)	(1)	(1)	6-60	6-60	60-90
XT3074T	T3C	160°C	160°C	3-60	3-60	60-90
XT3076T	T3A	180°C	180°C	0-60	1-60	60-90
XT31002TS	T3	200°C	200°C	0-60	6-60	60-75
XT31004T	T2D	215°C	215°C	0-60	10-60	60-90
XT31006T-4	T3	200°C	200°C	0-60	15-60	60-90
XT3102T	T3C	160°C	160°C	6-60	6-60	60-90
XT3104T	T3C	160°C	160°C	3-60	3-60	60-90
XT3106T	T3A	180°C	180°C	3-60	3-60	60-90
XT31252TS	T3	200°C	200°C	0-60	15-60	60-75
XT31254T-4	T3	200°C	200°C	0-60	10-60	60-90
XT31256T-4	T3	200°C	200°C	0-60	15-60	60-90
XT31502TS-4	T3	200°C	200°C	0-60	10-60	60-75
XT31504T-4	T3	200°C	200°C	0-60	15-60	60-90
XT31506T-4	T3	200°C	200°C	0-60	15-60	60-90
XT3152T	T3A	180°C	180°C	6-60	6-60	60-90
XT3152T-210	(1)	(1)	(1)	15-60	15-60	60-90
XT3154T	T3A	180°C	180°C	3-60	3-60	60-90
XT3156T	T3A	180°C	180°C	3-60	3-60	60-90
XT32002TS-4	T3	200°C	200°C	0-60	30-60	60-75
XT32004T-4	T3	200°C	200°C	0-60	30-60	60-90
XT32006T-4	T3	200°C	200°C	0-60	30-60	60-90
XT3202T	T3	200°C	200°C	6-60	6-60	60-90
XT3204T	T3A	180°C	180°C	3-60	3-60	60-90
XT3206T	T3	200°C	200°C	3-60	3-60	60-90
XT32502TS-4	T2C	230°C	230°C	0-60	30-60	60-75
XT32504T-4	T3	200°C	200°C	0-60	30-60	60-90
XT32506T-4	T2C	230°C	230°C	0-60	30-60	60-90
XT3252T-250	(1)	(1)	(1)	6-60	6-60	60-90
XT3252TS	T3	200°C	200°C	6-60	6-60	60-90
XT3254T	T3A	180°C	180°C	3-60	3-60	60-90
XT3256T	T3	200°C	200°C	3-60	3-60	60-90
XT33002TS-4	T2C	230°C	230°C	0-60	30-60	60-75
XT33004T-4	T2C	230°C	230°C	0-60	30-60	60-90
XT3302TS	T3	200°C	200°C	6-60	6-60	60-90
XT3304T	T3	200°C	200°C	3-60	3-60	60-90
XT3306T	T3	200°C	200°C	3-60	3-60	60-90
XT3402TS	T3	200°C	200°C	6-60	6-60	60-90
XT3404T	T3	200°C	200°C	3-60	3-60	60-90
XT3406T	T3A	180°C	180°C	0-60	6-60	60-90
XT3502TS	T3	200°C	200°C	3-60	6-60	60-90
XT3504T	T3	200°C	200°C	3-60	3-60	60-90
XT3506T	T3	200°C	200°C	0-60	6-60	60-90
XT3602TS	T3	200°C	200°C	0-60	6-60	60-75
XT3604T	T3	200°C	200°C	0-60	10-60	60-90
XT3606T	T3A	180°C	180°C	0-60	6-60	60-90
XT3752TS	T3	200°C	200°C	0-60	10-60	60-75
XT3754T	T3	200°C	200°C	0-60	30-60	60-90
XT3756T	T3	200°C	200°C	0-60	10-60	60-90

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

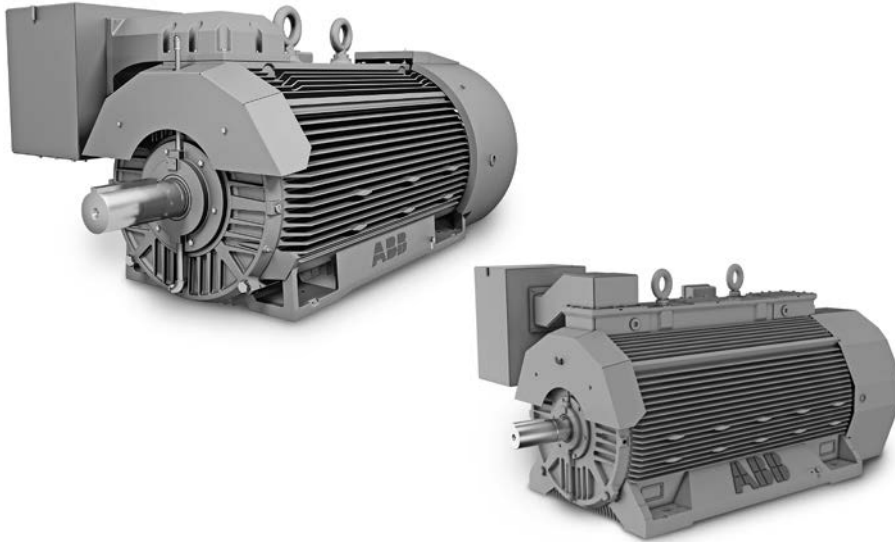
Pump

HVAC

Farm duty

Large AC motors

ABB Large AC (Above NEMA) motors are designed with higher than standard torques and low vibration levels which allows for a longer and safe operating life in applications requiring 250 Hp or greater, all while meeting the industry's reliability and efficiency standards. The ABB line of Large AC motors offer constructions which make them suitable for petro-chemical plants, mines, quarries, foundries, pulp and paper plants, waste management facilities, as well as many other processing industry applications.



Key features:

- Low vibration, cast iron frame construction.
- Minimum NEMA Design B torques except 2 pole is 1/2 NEMA, allowing for operation across a variety of applications
- 1.15 SF as standard
- Class F insulation with Class B (80°C) temperature rise at rated power
- V-Ring slinger for increased bearing protection
- Designed for longevity with a 3 year warranty
- ABB motors meet or exceed all efficiency requirements for US, Canada and Mexico regulations

250 - 1750 Horsepower

Product line		NXR
Frame size range for products		5008-7110 (1)
Electrical features		
Efficiency	Baldor-Reliance motors meet or exceed all efficiency requirements for US, Canada and Mexico regulations	S
Torque	Meet or exceed NEMA Design B torques (2)	S
Service factor	1.15 service factor – continuous	S
& temperature rise	Class F insulation with Class B rise @ 1.0 service factor	S
Inverter	Inverter ready - meets NEMA MG1 Part 31.4.4.2 (3)	S
Mechanical features		
IP code	IP54 enclosure ingress protection	S
	IP55 enclosure ingress protection	0
	Cast iron frame & endplates	S
Frame	Sealed joints between frame and endplates	0
	Epoxy coated internal surfaces, including endplates, rotor, and stator.	0
Fan covers	Fabricated steel fan covers	S
Shaft seals	Shaft seals: Neoprene V-ring slinger – DE & ODE	S
	Shaft seals – Labyrinth type	0
	Ball bearings designs	S
Bearings and lubrication	Roller bearing designs for belted applications	0
	Bearings: Regreasable with PLS lubrication system. Grease inlet & auto relief fittings on DE & ODE.	S
Paint	Paint: 2 part modified epoxy with enhanced UV protection topcoat	S
Conduit box	Conduit box: fabricated steel. Oversized and rotatable in 90 degree increments	S
Nameplate	Nameplate: Stainless steel with embossed raised letter	S
Other key features		
Accessories	Winding resistance temperature detectors (RTDs) - 100 Ohm platinum - 2 per phase	S
	Space heaters - 120/240 Volt	S
	Provisions for bearing resistance temperature detectors (RTDs)	S
Certifications	Nameplate marked Class I, Division 2, Groups C, D	S
Warranty	Warranty - in years from date of manufacture	3

S = Standard

0 = Optional

(1) Frame sizes range from 5008-7110 ANSI mounting.

Drawings will be referenced in inches and motors will meet NEMA.

(2) For medium voltage motors and motors with frames 5000 and larger standard torque values are represented in NEMA MG-1 2014 part 20.10.1. Motors will meet or exceed these values.

(3) For use on VFD, it is highly recommended to insulate the drive end bearing and add a shaft grounding system in order to address concerns regarding shaft currents that may be imposed upon the motor by a VFD as defined in NEMA MG1, Part 31.4.4.3. Motor is suitable for use on Inverter only in conjunction with an isolation transformer or other common mode voltage elimination. 1.0 service factor when used on VFD.

Above NEMA NXR rib cooled motors

250 thru 1750 Hp

Main specifications:	
Output power:	250 to 1750 HP
Frame size:	5008 - 7110
Number of poles:	2 to 8
Voltages:	460V, 2300/4000V
Frequency:	50 Hz Reratable, 60 Hz, VSD
Cooling:	IC411
Protection:	IP54 (optionally IP55)
Enclosed material:	Cast iron
Bearings:	Anti-friction
Motor types:	NXR
Mounting:	Horizontal
Ex protection types:	Hazardous area location Class I Div 2 area capable
Standards:	NEMA feature set and mounting dimensions

Features:

- High efficiency for lower total cost of ownership
- High power density for more Hp per pound
- Optional ingress protection level available up to IP55
- Compact size for smaller overall installations
- Rigid, weight-optimized frame is engineered to minimize vibration
- Fixing points make accessory fitting straight forward
- Flexible repositioning of main terminal box on site by ABB service personnel
- Designed for easy deployment of ABB condition monitoring systems
- Based on more than 125 years of experience manufacturing electric motor

Applications:

- Pumps
- Compressors
- Fans
- Conveyors

NEW! NXR motors can now be configured and ordered through the online tool, **MachSize**.

Your local Sales Channel can assist you with configuring and ordering your NXR motors.

Performance software and drawings can also be provided immediately using MachSize.

ABB's latest generation of industrial purpose rib cooled motors (NXR) for the above NEMA market offer high power density, customizable motors with built-in serviceability, allowing for a compact footprint and improved efficiencies.

Engineered motors

ABB's configurable design of the rib cooled motors are available as N-series config to order motors – NXR 5000 - NXR 5800 and NXR 7100.

N-series motors are engineered to meet demanding applications, while also being easy to configure, purchase, install and maintain.

The NXR series can be configured with different bearing configurations, various temperature monitoring devices and other equipment to meet the customer's specific needs.

NXR motors are available for both direct-on-line (DOL) and variable speed drive (VSD) operation.

High power density for compact installations

The NXR sets a benchmark for the industry, offering more HP per pound than has been achieved before with rib cooled motors. High power density means that for a given output you can often use a motor one frame size smaller than with conventional products. This helps to save space and enables more compact installations.

ABB's engineering team achieved high power density by leveraging the proven performance of the NXR frame rib cooled platform which has an internal cooling loop and maximized cooling fin coverage.

Internal air circulation has been increased throughout the motor, while the external cooling is maximized through

surface area optimization. Auxiliary wiring can be routed inside the motor as well as out side the motor, depending on the customers preference and requirements. The end shields have also been designed for optimized cooling.

Easy configurability

The NXR product family is designed for modifications to be quick and easy. This means you can reduce the number of spare units needed if your plant is running several motors with the terminal boxes on different sides.

- Ready-made fixing points on side of motor make mounting accessories straightforward
- End shields are pre-engineered for accessories such as instrumentation
- Auxiliary terminal box can be mounted on either side and positioned along the motor

Built-in serviceability cuts service downtime

Built-in serviceability makes maintenance straight-forward, and therefore reduces downtime.

- Cable routing ensures that the cables are clearly routed and always secured in the same position.
- Pre-designed fixing points enable easy mounting of condition monitoring systems. These systems collect and analyze operating data from the motors, providing early warnings of problems before failures can occur.

Optimized for variable speed drive use

By controlling the motor with a variable speed drive, you can optimize the motor's performance, minimize energy consumption and control your process more accurately. ABB's motor-drive packages are easy to install and operate.

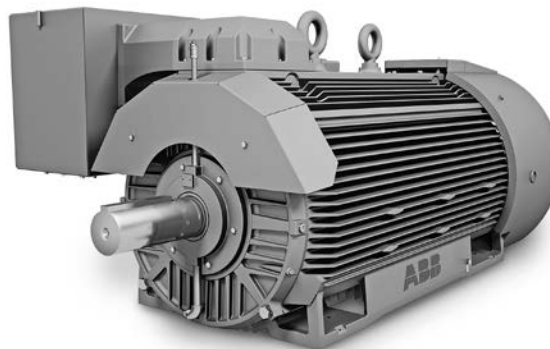
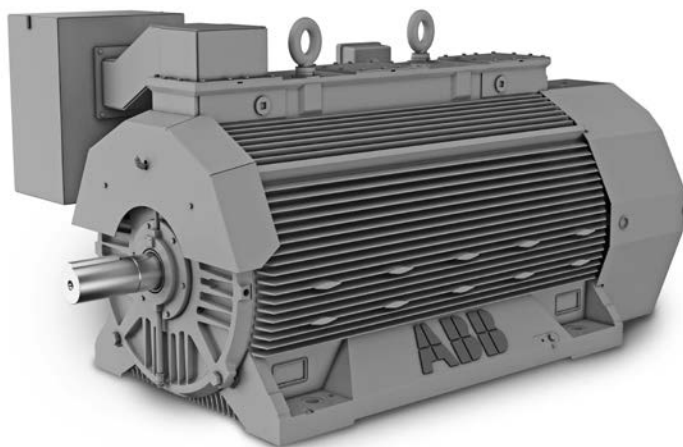
Configurable options available for Above NEMA NXR products in MachSize

Options listed below may not align with Motor Mod Express®.

Please use the online MachSize tool to properly configure and order the correct options.

- M1** – Balance
- M2B** – Ball to Roller Conversion
- M2D** – Bearing Temperature Detector (100 Ohm)
- M2F** – Insulated Bearing
- M7B** – Drains Choose requirement
- M12B** – Labyrinth seal (DE)
- M12C** – Labyrinth seal (ODE)
- M13F-2** – NEMA F2 Mounting
- M13F-3** – Top Mount
- M13M** – Low Noise Fan Cover
- M14A** – Open Crate NXR5000
- M14A** – Open Crate NXR5800
- M14A** – Open Crate NXR7100
- M14B** – Totally Enclosed Crate NXR5000
- M14B** – Totally Enclosed Crate NXR5800
- M14B** – Totally Enclosed Crate NXR7100
- M15A** – Auxiliary N/P
- M15B** – Auxiliary N/P
- M15D** – Provide Original N/P
- M15E** – Mail N/P (Excludes CSA nameplates)
- M15H** – CSA Ordinary Location Nameplate(Excludes CSA nameplates)
- M15I** – Non-CSA Nameplate
- M17** – Charcoal Gray Motor Paint
- M17** – Industrial Gray Motor Paint
- M17** – Black Motor Paint
- M17** – Blue Motor Paint
- M17** – Industrial Red Motor Paint
- M17** – White Motor Paint
- M17** – Traffic Yellow Motor Paint
- M26A** – Protection from Tropical Environment
- M26C** – Corrosion Treatment of Windings
- M27B** – Upgrade to IP55
- M29J** – Shaft Modification
- M31D** – Add Encoder
- M32A** – CSA C390 Method 1: (IEEE 112 Method B)
- M32B** – Witness CSA C390 Method 1: (IEEE 112 Method B)
- M39C** – Shaft Ground Brush (Non- Hazardous area only)
- M39E** – Division 2 Ground Probe
- M41A** – Provision for Vibration Detection (1/4-28)
- M41B** – Vibration Switch "Robert Shaw"
- M41C** – Velocity Transducer 1 each end B/N 9200
- M41C** – Velocity Transducer 2 each end B/N 9200
- M41C** – Velocity Transducer 3 each end B/N 9200
- M41D** – Accelerometer 1 each end B/N 33040
- M41D** – Accelerometer 2 each end B/N 33040
- M41D** – Accelerometer 3 each end B/N 33040
- M43A** – Smart Sensor
- NEW!** Shaft extension modifications

This new enhancement in MachSize will allow the user to select from predefined options to meet competitors shaft extension allowing drop in replacements.



NXR motors can now be configured online using ABB's MachSize tool.

The NXR product can be configured by using the modifications to meet the customers needs.

Your local Sales Channel can assist you with configuring and ordering your NXR motors.

Performance software and drawings can also be provided immediately using MachSize.

Short lead times for configured motors allow quick delivery to the customer

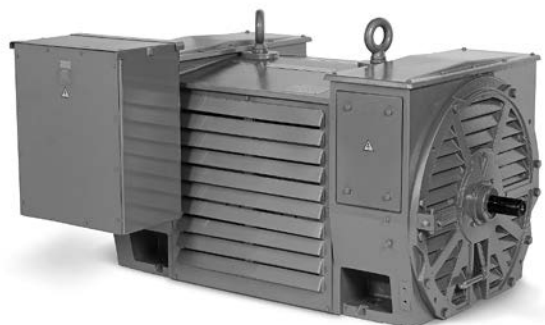
CSA certification – Class I Division 2 Hazardous area

Modifications are available for Above NEMA NXR 5000 – NXR 5800 – NXR 7100

Modification numbers are for reference only, features are selectable in the MachSize tool.

Ammonia refrigeration compressor motors, three phase, open drip proof, 460 and 2300/4160 volt, foot mounted

500 to 1000 Hp



Features:

- Low noise design
- 1.15 SF
- High efficiency designs
- Rated for across the line start
- Class F insulation with Class B temperature rise
- Cast iron frame for reduced vibration and increased strength

Applications:

- Ammonia refrigeration compressors
- Pumps

Standard 2300/4160 volt motor

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
2300/4160 volts											
500	3600	5008	M250502S-2341	65,645	LG	49.50	3200	94.8	2300/4160	62	1,10
600	3600	5010	M250602S-2341	76,834	LG	56.50	4200	95.2	2300/4160	73	1,10
700	3600	5010	M250702S-2341	77,258	LG	56.50	4200	95.2	2300/4160	85	1,10
800	3600	5810	M258802S-2341	103,721	LG	65.81	7000	95	2300/4160	99	1,10
900	3600	5810	M258902S-2341	107,321	LG	65.81	7000	95.2	2300/4160	111	1,10
1000	3600	5810	M2581002S-2341	112,193	LG	65.81	7000	95.2	2300/4160	141	1,10

(a) See notes on inside back flap.

■ Cast iron frame

Custom induction motors available up to 30,000 Hp, contact your sales representative for additional information. Conversion base kits are available in the Motor Accessories section.

Washdown duty motors



Baldor-Reliance® Washdown duty motors are designed to meet the demands of applications that require additional protection from contaminants, and the ability to operate in an environments exposed to washdown methods. As the broadest washdown product family in the marketplace, ABB offers motors from painted to stainless steel to meet the washdown needs of our customers.

Key features:

- Double sealed motor bearings
- Neoprene rubber gaskets ensure a tight, waterproof seal
- 300 series stainless steel shaft, hardware and nameplate
- Shaft seals on each end
- Sealed frame to endplate joints to prevent water entry
- Easily removable drain plugs for thorough drainage in any position

1/3 - 75 Horsepower

Product line		Food Safe Washdown	Stainless steel	Paint free	White Washdown	White WD features
NEMA Frames sizes		56-286TC	56C-256TC	56C-256TC	56-256TC	254-444TC
Electrical features						
Efficiency	Baldor-Reliance motors meet or exceed all efficiency requirements for US, Canada and Mexico regulations	S	S	S	S	S
Motor performance	1.15 Service Factor	S	S	S	S	S
	NEMA Design B (most designs)	S	S	S	S	S
	Class F insulation with Class B rise (most designs)	–	S	S	S	S
Windings	Class H insulation	S	A	A	A	A
	Dip & bake 100% varnish	S	S	S	S	S
	Epoxy encapsulated	S	A	A	A	–
	Single Phase	S	–	–	S	–
Connections	Washdown lead connection kit (heat shrink connectors)	S	A	A	A	A
Inverter	Inverter ready per NEMA MG-1 part 31.4.4.2	S	S	S	S	S
Mechanical features						
External parts	Steel frame and base, aluminum box and endplates	–	–	–	S	–
	300 series stainless steel shaft & hardware	S	S	S	S	S
	Polished head, 300 series stainless steel external hardware & drains	S	–	–	–	–
	Ball burnished aluminum endplates and conduit box	–	–	S	–	–
	300 series endplates and conduit box	S	S	–	–	–
Drains	300 series stainless stator frame, conduit box lid and fan cover	S	S	S	–	–
	3 removable plastic condensation drain plugs, each end	–	–	–	S	S
	3 removable stainless steel condensation drain plugs, each end	S	S	S	–	–
	1 extra plastic T-drain provided, each end (for 6:00 position)	S	S	S	S	S
Nameplate	Stainless steel T-drains installed at 6:00, 180 frame and larger	S	–	–	–	–
	Stainless steel nameplate affixed to band	–	–	S	S	S
Conduit box	Nameplate information laser etched directly onto band	S	S	–	–	–
	Neoprene, lipped box-to-stator gasket	–	S	S	S	S
	180° rotatable conduit box	–	S	S	S	S
	Lipped lid w/neoprene gasket	–	S	S	S	S
	Round conduit box, fully rotatable	S	–	–	–	–
	Epoxy encapsulated leads in box	S	–	–	–	–
	Fully welded conduit box	S	–	–	–	–
Rotor	Epoxy primed rotor	S	S	S	S	S
Lubrication	Mobil Polyrex™ EM moisture resistant grease	S	S	S	S	S
Cooling	Non-metallic external cooling fan	S	S	S	S	S
Base	Standard welded base	–	S	S	S	–
	Individual, fully welded feet for ease of cleanability	S	–	–	–	–
	Cast base	–	–	–	–	S
Sealing	Lip & V-Ring seal on drive end, V-Ring seal on opposite drive end (TEFC)	–	–	–	S	S
	Labyrinth seal on drive end, V-Ring seal on opposite drive end (TEFC)	–	–	S	A	A
	Labyrinth seal on each end (TEFC)	–	S	A	A	A
	2-part sealing system (internal & external seals) on each end (TEFC)	S	–	–	–	–
	Sealer on endplate-to-stator fits	–	S	S	S	S
	O-Rings on endplate-to-stator fits	S	–	–	–	–
Paint	White epoxy, corrosion resistant finish	–	–	–	S	S
IP code	Ingress protection code	IP69 for water	IP56	IP55	IP55	IP55

A = Available through Mod Express® or as custom
S = Standard

Food Safe stainless steel, single phase, C-Face

1/2 thru 1 Hp

**IP69
for Water**



Features:

- 300 series stainless steel
- Individually welded feet for ease of cleaning
- Welded & polished conduit box
- Smooth heads on external drains & hardware
- O-ring sealed endplates
- Laser etched nameplate
- Removable condensate drains in each endplate
- Internal & external shaft sealing
- No crevices for food to collect
- 3 year warranty

Applications:

- Food processing
- High pressure washdown
- Caustic environment
- Pumps and wastewater
- Outdoors
- Sanitary washdown

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted												
1/2	3600	56C	TEFC	CFSWDL3503	1,381	WDF	13.96	33	59.5	115/230	3.6	12
	1800	56C	TEFC	CFSWDL3504	1,480	WDF	13.96	41	70	115/230	3.5	
3/4	3600	56C	TEFC	CFSWDL3506	1,529	WDF	13.96	33	64	115/230	4.6	12
	1800	56C	TEFC	CFSWDL3507	1,619	WDF	14.83	47	70	115/230	4.6	
1	3600	56C	TEFC	CFSWDL3509	1,632	WDF	13.96	41	68	115/230	5.8	12
	1800	56C	TEFC	CFSWDL3510	1,741	WDF	16.26	63	72	115/230	5.8	
Footless												
1/2	3600	56C	TEFC	VFSWDL3503	1,305	WDF	13.96	33	59.5	115/230	3.6	12
	1800	56C	TEFC	VFSWDL3504	1,404	WDF	13.96	41	70	115/230	3.5	
3/4	3600	56C	TEFC	VFSWDL3506	1,453	WDF	13.96	33	64	115/230	4.6	12
	1800	56C	TEFC	VFSWDL3507	1,543	WDF	14.83	47	70	115/230	4.6	
1	3600	56C	TEFC	VFSWDL3509	1,556	WDF	13.96	41	68	115/230	5.8	12
	1800	56C	TEFC	VFSWDL3510	1,665	WDF	16.26	63	72	115/230	5.8	

(a) See notes on inside back flap.

Food Safe stainless steel, three phase, C-Face, foot mounted, encapsulated 1/2 thru 30 Hp

**IP69
for Water**



Features:

- Individually welded feet for ease of cleaning
- Rotatable, round conduit box
- Welded & polished conduit box
- Smooth heads on external drains & hardware
- O-ring sealed endplates & conduit box
- Encapsulated, color-coded leads
- No crevices for food to collect
- 300 series stainless steel
- Epoxy encapsulated windings
- Laser etched nameplate
- Removable condensate drains in each endplate
- Internal & external shaft sealing
- Class H insulation system, inverter ready
- 3 year warranty, NEMA Premium® efficiency

Applications:

- Food processing
- High pressure washdown
- Caustic environment
- Pumps and wastewater
- Outdoors
- Sanitary washdown

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volt												
1/2	3600	56C	TENV	CFSWDM3537-E	1,624	WDF	11.78	35	84	208-230/460	0.7	30
	1800	56C	TENV	CFSWDM3538-E	1,648	WDF	11.78	38	84	208-230/460	0.9	
	1200	56C	TENV	CFSWDM3539-E	1,980	WDF	12.78	37	77	208-230/460	0.9	
3/4	3600	56C	TENV	CFSWDM3541-E	1,678	WDF	11.78	41	86.5	208-230/460	1	30
	1800	56C	TENV	CFSWDM3542-E	1,704	WDF	12.78	37	84	208-230/460	1.3	
	1200	56C	TENV	CFSWDM3543-E	2,035	WDF	13.67	45	82.5	208-230/460	1.3	
1	3600	56C	TENV	CFSWDM3545-E	1,762	WDF	11.78	38	82.5	230/460	1.4	30
	1800	56C	TENV	CFSWDM3546-E	1,780	WDF	12.78	37	85.5	230/460	1.5	30
		143TC	TENV	CFSWDM3546T-E	1,794	WDF	12.84	37	85.5	230/460	1.5	30
	1200	56C	TENV	CFSWDM3556-E	2,041	WDF	15.08	64	84	230/460	1.7	
		56C	TEFC	CFSWDM3556-E	2,104	WDF	14.83	45	82.5	230/460	1.7	30
	1 1/2	3600	56C	TENV	CFSWDM3550-E	1,863	WDF	13.67	50	85.5	230/460	1.8
143TC		TENV	CFSWDM3550T-E	1,878	WDF	13.72	50	85.5	230/460	1.8	30	
		56C	TENV	CFSWDM3554-E	1,839	WDF	15.04	59	86.5	230/460	2.1	30
1800		56C	TEFC	CFSWDM3554-E	1,902	WDF	13.96	45	86.5	230/460	2.2	30
		145TC	TENV	CFSWDM3554T-E	1,890	WDF	15.09	59	86.5	230/460	2.1	30
145TC		TEFC	CFSWDM3554T-E	1,953	WDF	14.03	48	86.5	230/460	2.2	30	
2	1200	182TC	TEFC	CFSWDM3607T-E	2,332	WDF	18.89	90	87.5	230/460	2.6	
	3600	56C	TENV	CFSWDM3555-E	2,104	WDF	15.04	61	88.5	230/460	2.4	
		56C	TEFC	CFSWDM3555-E	2,199	WDF	14.90	50	86.5	230/460	2.5	30
		145TC	TENV	CFSWDM3555T-E	2,150	WDF	15.09	61	88.5	230/460	2.4	
		145TC	TEFC	CFSWDM3555T-E	2,213	WDF	14.90	50	86.5	230/460	2.5	30
	1800	56C	TENV	CFSWDM3558-E	2,135	WDF	15.09	59	88.5	230/460	2.8	
		56C	TEFC	CFSWDM3558-E	2,198	WDF	13.96	45	86.5	230/460	2.8	30
		145TC	TENV	CFSWDM3558T-E	2,176	WDF	15.09	63	88.5	230/460	2.8	
		145TC	TEFC	CFSWDM3558T-E	2,239	WDF	14.03	45	86.5	230/460	2.8	30
	1200	184TC	TEFC	CFSWDM3614T-E	2,589	WDF	18.89	101	88.5	230/460	3.5	
3	3600	56C	TEFC	CFSWDM3559-E	2,496	WDF	16.21	61	86.5	230/460	3.6	
		145TC	TEFC	CFSWDM3559T-E	2,608	WDF	16.28	61	86.5	230/460	3.7	30
	1800	182TC	TENV	CFSWDM3610T-E	2,699	WDF	18.89	96	89.5	230/460	3.5	
		182TC	TENV	CFSWDM3611T-E	2,607	WDF	18.89	101	89.5	230/460	4	30
	1200	182TC	TEFC	CFSWDM3611T-E	2,688	WDF	18.89	83	89.5	230/460	4.2	30
		213TC	TEFC	CFSWDM3704T-E	3,411	WDF	21.37	158	89.5	230/460	4.5	

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

Food Safe stainless steel, three phase, C-Face, foot mounted, encapsulated

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volt (continued)												
5	3600	184TC	TEFC	CFSWDM3613T-E	2,846	WDF	17.39	84	89.5	230/460	5.6	30
	1800	184TC	TEFC	CFSWDM3615T-E	2,867	WDF	18.89	101	89.5	230/460	6.5	30
	1200	215TC	TEFC	CFSWDM3708T-E	4,040	WDF	22.12	179	89.5	230/460	7.4	30
7 1/2	3600	213TC	TEFC	CFSWDM3709T-E	3,570	WDF	19.50	129	91	230/460	8.3	30
	1800	213TC	TEFC	CFSWDM3710T-E	3,644	WDF	20.68	136	91.7	230/460	9.5	
	1200	254TC	TEFC	CFSWDM22976T-E	6,936	WDF	24.18	255	91	230/460	10.7	30
10	3600	215TC	TEFC	CFSWDM3711T-E	4,048	WDF	20.68	149	91.7	230/460	10.6	30
	1800	215TC	TEFC	CFSWDM3714T-E	4,290	WDF	22.12	187	92.4	230/460	12.5	30
	1200	256TC	TEFC	CFSWDM23932T-E	7,885	WDF	25.18	290	91	230/460	15.1	
15	3600	215TC	TEFC	CFSWDM3713T-E	6,071	WDF	22.12	188	91.7	230/460	17	30
		254TC	TEFC	CFSWDM23994T-E	7,032	WDF	24.18	260	91	230/460	16.5	
	1800	254TC	TEFC	CFSWDM23933T-E	6,932	WDF	24.18	281	92.4	230/460	17.5	30
20	1200	284TC	TEFC	CFSWDM41900T	8,880	WDF	28.14	488	91.7	230/460	20	22
	3600	256TC	TEFC	CFSWDM41906T-E	7,970	WDF	25.18	295	91	230/460	21.5	
	1800	256TC	TEFC	CFSWDM23934T-E	7,929	WDF	25.18	290	93	230/460	23.4	
25	1200	286TC	TEFC	CFSWDM41902T	11,355	WDF	28.14	493	91.7	230/460	26	22
	3600	284TSC	TEFC	CFSWDM41907T	10,196	WDF	28.14	431	91.7	230/460	28	22
	1800	284TC	TEFC	CFSWDM41903T	10,139	WDF	28.14	471	93.6	230/460	31	22
30	3600	286TSC	TEFC	CFSWDM41908T	11,726	WDF	28.14	445	91.7	230/460	34	22
	1800	286TC	TEFC	CFSWDM41904T	11,660	WDF	28.14	485	93.6	230/460	36	22
575 volt												
1/2	3600	56C	TENV	CFSWDM3537-5E	1,649	WDF	11.78	35	84	575	0.6	
	1800	56C	TENV	CFSWDM3538-5E	1,673	WDF	11.78	35	84	575	0.7	
3/4	1800	56C	TENV	CFSWDM3542-5E	1,729	WDF	12.78	41	84	575	1	
1	1800	56C	TENV	CFSWDM3546-5E	1,805	WDF	12.78	41	85.5	575	1.2	
		143TC	TENV	CFSWDM3546T-5E	1,819	WDF	12.84	43	85.5	575	1.2	
1 1/2	1800	56C	TEFC	CFSWDM3554-5E	1,927	WDF	13.96	45	86.5	575	1.7	
		145TC	TEFC	CFSWDM3554T-5E	1,978	WDF	14.03	45	86.5	575	1.7	
2	1800	56C	TEFC	CFSWDM3558-5E	2,198	WDF	13.96	45	86.5	575	2.3	
		145TC	TEFC	CFSWDM3558T-5E	2,264	WDF	14.03	45	86.5	575	2.3	
3	3600	145TC	TEFC	CFSWDM3559T-5E	2,633	WDF	14.03	61	86.5	575	2.9	
	1800	182TC	TEFC	CFSWDM3611T-5E	2,752	WDF	18.89	86	89.5	575	3.3	
5	3600	184TC	TEFC	CFSWDM3613T-5E	2,910	WDF	17.39	84	89.5	575	4.5	
	1800	184TC	TEFC	CFSWDM3615T-5E	2,931	WDF	18.89	101	89.5	575	5.1	
7 1/2	3600	213TC	TEFC	CFSWDM3709T-5E	3,570	WDF	19.50	131	91	575	6.6	
	1800	213TC	TEFC	CFSWDM3710T-5E	3,644	WDF	20.68	139	91.7	575	7.6	
10	3600	215TC	TEFC	CFSWDM3711T-5E	4,048	WDF	20.68	154	90.2	575	9.1	
	1800	215TC	TEFC	CFSWDM3714T-5E	4,290	WDF	22.12	187	92.4	575	10.1	
15	1800	254TC	TEFC	CFSWDM23933T-5E	6,932	WDF	24.18	281	92.4	575	14.2	

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

Food Safe stainless steel, three phase, C-Face, footless, encapsulated

1/2 thru 15 Hp

IP69
for Water



Features:

- Rotatable, round conduit box
- Welded & polished conduit box
- Smooth heads on external drains & hardware
- O-ring sealed endplates & conduit box
- Encapsulated, color-coded leads
- No crevices for food to collect
- 300 series stainless steel
- Epoxy encapsulated windings
- Laser etched nameplate
- Removable condensate drains in each endplate
- Internal & external shaft sealing
- Class H insulation system, inverter ready
- 3 year warranty, NEMA Premium® efficiency

Applications:

- Food processing
- High pressure washdown
- Caustic environment
- Pumps and wastewater
- Outdoors
- Sanitary washdown

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volt												
1/2	3600	56C	TENV	VFSWDM3537-E	1,546	WDF	11.78	35	84	208-230/460	0.7	30
	1800	56C	TENV	VFSWDM3538-E	1,573	WDF	11.78	35	84	208-230/460	0.9	
		56C	TEFC	VFSFWM3538-E	1,636	WDF	12.96	35	84	208-230/460	0.9	
	1200	56C	TENV	VFSWDM3539-E	1,546	WDF	12.78	37	77	208-230/460	0.9	
3/4	3600	56C	TENV	VFSWDM3541-E	1,602	WDF	11.78	38	86.5	208-230/460	1	30
	1800	56C	TENV	VFSWDM3542-E	1,628	WDF	12.78	41	84	208-230/460	1.3	
		56C	TEFC	VFSFWM3542-E	1,691	WDF	13.96	37	84	208-230/460	1.3	
	1200	56C	TENV	VFSWDM3543-E	1,959	WDF	13.67	45	82.5	208-230/460	1.3	
1	3600	56C	TENV	VFSWDM3545-E	1,685	WDF	11.78	37	82.5	230/460	1.4	30
		56C	TENV	VFSWDM3546-E	1,702	WDF	12.78	37	85.5	230/460	1.5	30
	1800	56C	TEFC	VFSFWM3546-E	1,767	WDF	13.96	44	85.5	230/460	1.5	30
		143TC	TENV	VFSWDM3546T-E	1,719	WDF	12.78	37	85.5	230/460	1.5	30
		143TC	TEFC	VFSFWM3546T-E	1,782	WDF	13.96	37	85.5	230/460	1.5	30
	1200	56C	TEFC	VFSWDM3556-E	2,028	WDF	14.83	45	82.5	230/460	1.7	30
1 1/2	3600	56C	TENV	VFSWDM3550-E	1,786	WDF	13.67	53	85.5	230/460	1.8	30
		143TC	TENV	VFSWDM3550T-E	1,802	WDF	13.67	50	85.5	230/460	1.8	30
	1800	56C	TENV	VFSWDMN3554-E	1,763	WDF	15.04	59	86.5	230/460	2.1	30
		56C	TEFC	VFSWDM3554-E	1,826	WDF	13.96	45	86.5	230/460	2.2	30
		145TC	TENV	VFSWDMN3554T-E	1,814	WDF	15.04	59	86.5	230/460	2.1	30
	145TC	TEFC	VFSWDM3554T-E	1,877	WDF	13.96	45	86.5	230/460	2.2	30	
2	3600	56C	TENV	VFSWDMN3555-E	2,029	WDF	15.04	63	88.5	230/460	2.4	
		145TC	TENV	VFSWDMN3555T-E	2,074	WDF	15.04	63	88.5	230/460	2.4	
		145TC	TEFC	VFSWDM3555T-E	2,137	WDF	14.83	50	86.5	230/460	2.5	30
	1800	56C	TENV	VFSWDMN3558-E	2,059	WDF	15.04	63	88.5	230/460	2.8	
		56C	TEFC	VFSWDM3558-E	2,122	WDF	13.96	56	86.5	230/460	2.8	30
	145TC	TENV	VFSWDMN3558T-E	2,100	WDF	15.04	63	88.5	230/460	2.8		
3	3600	145TC	TEFC	VFSWDM3558T-E	2,164	WDF	13.96	63	86.5	230/460	2.8	30
		56C	TEFC	VFSWDM3559-E	2,519	WDF	16.21	61	86.5	230/460	3.7	30
		145TC	TEFC	VFSWDM3559T-E	2,529	WDF	16.21	63	86.5	230/460	3.7	30
	1800	182TC	TENV	VFSWDMN3610T-E	2,602	WDF	17.05	96	89.5	230/460	3.5	
		56C	TEFC	VFSWDM3651-E	2,577	WDF	17.53	83	89.5	230/460	4.2	
145TC		TEFC	VFSWDM3651T-E	2,582	WDF	17.60	83	89.5	230/460	4.2		
5	3600	184TC	TEFC	VFSWDM3613T-E	2,749	WDF	17.39	81	89.5	230/460	5.6	30
	1800	184TC	TEFC	VFSWDM3615T-E	2,771	WDF	18.89	101	89.5	230/460	6.5	30
7 1/2	3600	213TC	TEFC	VFSWDM3709T-E	3,438	WDF	19.49	131	91	230/460	8.3	30
	1800	213TC	TEFC	VFSWDM3710T-E	3,511	WDF	20.68	136	91.7	230/460	9.5	
10	3600	215TC	TEFC	VFSWDM3711T-E	3,916	WDF	20.68	149	91.7	230/460	10.6	30
	1800	215TC	TEFC	VFSWDM3714T-E	4,158	WDF	22.12	187	92.4	230/460	12.5	30
15	3600	215TC	TEFC	VFSWDM3713T-E	5,939	WDF	22.12	187	91.7	230/460	17	30

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

For more information visit baldor.com or new.abb.com/motors-generators

Food Safe stainless steel, three phase, C-Face, footless, encapsulated

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
575 volt												
1/2	1800	56C	TENV	VFSWDM3538-5E	1,573	WDF	11.78	35	84	575	0.7	
3/4	1800	56C	TENV	VFSWDM3542-5E	1,628	WDF	12.78	37	84	575	1	
1	1800	56C	TENV	VFSWDM3546-5E	1,702	WDF	12.78	39	87.5	575	1.2	
		143TC	TENV	VFSWDM3546T-5E	1,719	WDF	12.84	39	87.5	575	1.2	
1 1/2	1800	145TC	TEFC	VFSWDM3554T-5E	1,877	WDF	14.03	48	86.5	575	1.7	
2	1800	145TC	TEFC	VFSWDM3558T-5E	2,164	WDF	16.28	56	88.5	575	2.2	
10	1800	215TC	TEFC	VFSWDM3714T-5E	4,158	WDF	22.12	187	92.4	575	10.1	

(a) See notes on inside back flap.

Red catalog number indicates NEW product.

Food Safe stainless steel, three phase, foot mounted, encapsulated

1/2 thru 30 Hp

IP69
for Water

Features:

- Individually welded feet for ease of cleaning
- Rotatable, round conduit box
- Welded & polished conduit box
- Smooth heads on external drains & hardware
- O-ring sealed endplates & conduit box
- Encapsulated, color-coded leads
- No crevices for food to collect
- 300 series stainless steel
- Epoxy encapsulated windings
- Laser etched nameplate
- Removable condensate drains in each endplate
- Internal & external shaft sealing
- Class H insulation system, inverter ready
- 3 year warranty, NEMA Premium® efficiency

Applications:

- Food processing
- High pressure washdown
- Caustic environment
- Pumps and wastewater
- Outdoors
- Sanitary washdown

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/2	1800	56	TENV	FSWDM3538-E	1,613	WDF	11.78	35	84	208-230/460	0.9	
3/4	1800	56	TENV	FSWDM3542-E	1,669	WDF	12.78	37	84	208-230/460	1.3	
1	1800	56	TENV	FSWDM3546-E	1,745	WDF	12.78	41	85.5	230/460	1.5	30
		143T	TENV	FSWDM3546T-E	1,759	WDF	12.84	41	85.5	230/460	1.5	30
1 1/2	1800	145T	TEFC	FSWDM3554T-E	1,918	WDF	14.03	45	86.5	230/460	2.2	30
2	1800	145T	TEFC	FSWDM3558T-E	2,204	WDF	14.03	48	86.5	230/460	2.8	30
3	1800	182T	TEFC	FSWDM3611T-E	2,625	WDF	18.89	86	89.5	230/460	4.2	30
5	1800	184T	TEFC	FSWDM3615T-E	2,804	WDF	18.89	101	89.5	230/460	6.5	30
7 1/2	1800	213T	TEFC	FSWDM3710T-E	3,553	WDF	20.68	136	91.7	230/460	9.5	
10	1800	215T	TEFC	FSWDM3714T-E	4,199	WDF	22.12	187	92.4	230/460	12.5	30
15	1800	254T	TEFC	FSWDM23933T-E	6,815	WDF	24.18	283	92.4	230/460	17.5	30
20	1800	256T	TEFC	FSWDM23934T-E	7,812	WDF	25.18	287	93	230/460	23.4	
25	1800	284T	TEFC	FSWDM41903T	10,001	WDF	28.14	378	93.6	230/460	31	22
30	1800	286T	TEFC	FSWDM41904T	11,522	WDF	28.14	395	93.6	230/460	36	22

(a) See notes on inside back flap.

Food Safe stainless steel, three phase, foot mounted, close-coupled pump, encapsulated

1 thru 20 Hp

IP69
for Water



Features:

- Individually welded feet for ease of cleaning
- Rotatable, round conduit box
- Welded & polished conduit box
- Smooth heads on external drains & hardware
- O-ring sealed endplates & conduit box
- Encapsulated, color-coded leads
- No crevices for food to collect
- 300 series stainless steel
- Epoxy encapsulated windings
- Laser etched nameplate
- Removable condensate drains in each endplate
- Internal & external shaft sealing
- Class H insulation system, inverter ready
- 3 year warranty, NEMA Premium® efficiency

Applications:

- Food processing
- High pressure washdown
- Caustic environment
- Pumps and wastewater
- Outdoors
- Sanitary washdown

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	1800	143JM	TENV	JMFSWDM3546T-E	2,076	WDF	14.97	37	85.5	230/460	1.5	30
1 1/2	3600	143JM	TENV	JMFSWDM3550T-E	2,159	WDF	15.85	50	85.5	230/460	1.8	30
	1800	145JM	TEFC	JMFSWDM3554T-E	2,171	WDF	16.15	45	86.5	230/460	2.2	30
2	3600	145JM	TEFC	JMFSWDM3555T-E	2,459	WDF	17.03	50	86.5	230/460	2.5	30
	1800	145JM	TEFC	JMFSWDM3558T-E	2,494	WDF	18.40	56	88.5	230/460	2.7	30
3	3600	145JM	TEFC	JMFSWDM3559T-E	2,954	WDF	18.40	61	86.5	230/460	3.7	30
	1800	182JM	TEFC	JMFSWDM3611T-E	3,101	WDF	19.72	83	89.5	230/460	4.2	30
5	3600	184JM	TEFC	JMFSWDM3613T-E	3,340	WDF	18.22	81	89.5	230/460	5.6	30
	1800	184JM	TEFC	JMFSWDM3615T-E	3,363	WDF	19.72	101	89.5	230/460	6.5	30
7 1/2	3600	213JM	TEFC	JMFSWDM3709T-E	3,937	WDF	20.62	131	91	230/460	8.3	30
	1800	213JM	TEFC	JMFSWDM3710T-E	4,011	WDF	21.81	139	91.7	230/460	9.5	
10	3600	215JM	TEFC	JMFSWDM3711T-E	4,414	WDF	21.81	154	91.7	230/460	10.6	30
	1800	215JM	TEFC	JMFSWDM3714T-E	4,657	WDF	23.56	187	92.4	230/460	12.5	30
15	3600	215JM	TEFC	JMFSWDM3713T-E	6,389	WDF	23.56	187	91.7	230/460	17	30
	1800	254JM	TEFC	JMFSWDM23994T-E	7,439	WDF	25.67	265	91	230/460	16.5	
20	1800	254JM	TEFC	JMFSWDM23933T-E	7,339	WDF	25.67	286	92.4	230/460	17.5	30
	3600	256JM	TEFC	JMFSWDM41906T-E	8,377	WDF	26.67	300	91	230/460	21.5	
	1800	256JM	TEFC	JMFSWDM23934T-E	8,336	WDF	26.67	295	93	230/460	23.4	

(a) See notes on inside back flap.

Food Safe IEC stainless steel, three phase, totally enclosed, encapsulated 50/60Hz, 400/460VY

0.18 kW-7.5 kW (0.25-10 Hp)

**IP69
for Water**



Features:

- Stainless steel AISI 304
- Epoxy encapsulated windings
- IE3 efficiency per IEC 60034-30-1 (2014) (80 frame and above) All motors are compliant with DOE and NRCan
- Complies with EU MEPS/EcoDesign Regulation (EU) 2019/1781 effective July 2021
- Heat stabilized bearings with H1 food grade grease
- Laser engraved nameplate
- Inverter ready
- Rotatable terminal box cover with F3 mounting
- 3 year warranty

Applications:

- Food processing
- Pumps and Wastewater
- Outdoors
- High pressure washdown
- Caustic environment

kW // Hp*	RPM	IEC Frame	Enclosure	Catalog Number	ABB Product Code	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Notes (a)
IM B3 (1001), foot mounted											
0.18 // 0.24	1000/1200	71	IC410/TENV	SSEWDM07186-B	3GMA073310-ASB	M3MA 71MA 6	2,261	IFS	12.20	33	
0.25 // 0.33	1500/1800	71	IC410/TENV	SSEWDM07254-B	3GMA072320-ASB	M3MA 71MB 4	2,232	IFS	12.20	44	
	1000/1200	71	IC410/TENV	SSEWDM07256-B	3GMA073320-ASB	M3MA 71MB 6	2,364	IFS	12.20	35	
0.37 // 0.5	1500/1800	80	IC410/TENV	SSEWDM08374-B	3GMA082310-ASB	M3MA 80MA 4	2,261	IFS	13.94	51	
	1000/1200	80	IC410/TENV	SSEWDM08376-B	3GMA083310-ASB	M3MA 80MA 6	2,445	IFS	13.94	51	
0.55 // 0.73	3000/3600	80	IC410/TENV	SSEWDM08552-B	3GMA081310-ASB	M3MA 80MA 2	2,261	IFS	13.94	51	
	1500/1800	80	IC410/TENV	SSEWDM08554-B	3GMA082320-ASB	M3MA 80MB 4	2,364	IFS	13.94	51	
	1000/1200	90	IC410/TENV	SSEWDM09556-B	3GMA093310-ASB	M3MA 90MA 6	2,689	IFS	17.15	106	
	3000/3600	80	IC410/TENV	SSEWDM08752-B	3GMA081320-ASB	M3MA 80MB 2	2,364	IFS	13.94	51	
0.75 // 1	1500/1800	80	IC410/TENV	SSEWDM08754-B	3GMA082330-ASB	M3MA 80MC 4	2,445	IFS	13.94	51	
	1000/1200	90	IC410/TENV	SSEWDM09756-B	3GMA093320-ASB	M3MA 90MB 6	2,955	IFS	17.15	115	
1.1 // 1.5	3000/3600	80	IC410/TENV	SSEWDM08112-B	3GMA081330-ASB	M3MA 80MC 2	2,445	IFS	13.94	51	
	1500/1800	90	IC410/TENV	SSEWDM09114-B	3GMA092310-ASB	M3MA 90MA 4	2,689	IFS	17.15	106	
1.5 // 2	3000/3600	90	IC410/TENV	SSEWDM09152-B	3GMA091310-ASB	M3MA 90MA 2	2,984	IFS	17.15	115	
	1500/1800	90	IC410/TENV	SSEWDM09154-B	3GMA092320-ASB	M3MA 90MB 4	2,955	IFS	17.15	115	
	1000/1200	100	IC411/TEFC	SSEWDM10156-B	3GMA103510-ASB	M3MA 100LA 6	4,132	IFS	18.92	128	
	3000/3600	90	IC410/TENV	SSEWDM09222-B	3GMA091320-ASB	M3MA 90MA 2	3,128	IFS	17.15	115	
2.2 // 3	1500/1800	100	IC411/TEFC	SSEWDM10224-B	3GMA102510-ASB	M3MA 100LA 4	3,787	IFS	18.92	126	
	1000/1200	112	IC411/TEFC	SSEWDM11226-B	3GMA113510-ASB	M3MA 112LA 6	4,706	IFS	18.92	130	
3 // 4	3000/3600	100	IC411/TEFC	SSEWDM10032-B	3GMA101510-ASB	M3MA 100LA 2	4,132	IFS	18.92	133	
	1500/1800	100	IC411/TEFC	SSEWDM10034-B	3GMA102520-ASB	M3MA 100LB 4	4,132	IFS	18.92	126	
	1000/1200	132	IC411/TEFC	SSEWDM13036-B	3GMA133510-ASB	M3MA 132LA 6	5,509	IFS	22.81	148	
	3000/3600	112	IC411/TEFC	SSEWDM11042-B	3GMA111510-ASB	M3MA 112MA 2	4,706	IFS	18.92	134	
4 // 5	1500/1800	112	IC411/TEFC	SSEWDM11044-B	3GMA112510-ASB	M3MA 112LA 4	4,706	IFS	18.92	134	
	1000/1200	132	IC411/TEFC	SSEWDM13046-B	3GMA133520-ASB	M3MA 132LB 6	5,796	IFS	22.81	148	
5.5 // 7.3	3000/3600	132	IC411/TEFC	SSEWDM13552-B	3GMA131510-ASB	M3MA 132LA 2	5,509	IFS	22.81	152	
	1500/1800	132	IC411/TEFC	SSEWDM13554-B	3GMA132510-ASB	M3MA 132LA 4	5,509	IFS	22.81	161	
7.5 // 10	3000/3600	132	IC411/TEFC	SSEWDM13752-B	3GMA131520-ASB	M3MA 132LB 2	5,796	IFS	22.81	165	
	1500/1800	132	IC411/TEFC	SSEWDM13754-B	3GMA132520-ASB	M3MA 132LB 4	5,796	IFS	22.81	181	
IM B5 (3001), flange mounted, footless											
0.18 // 0.24	1000/1200	71	IC410/TENV	SSEWDM07186D-B	3GMA073310-BSB	M3MA 71MA 6	2,129	IFS	12.20	33	
0.25 // 0.33	1500/1800	71	IC410/TENV	SSEWDM07254D-B	3GMA072320-BSB	M3MA 71MB 4	2,097	IFS	12.20	44	
	1000/1200	71	IC410/TENV	SSEWDM07256D-B	3GMA073320-BSB	M3MA 71MB 6	2,235	IFS	12.20	35	
0.37 // 0.5	1500/1800	80	IC410/TENV	SSEWDM08374D-B	3GMA082310-BSB	M3MA 80MA 4	2,129	IFS	13.94	51	
	1000/1200	80	IC410/TENV	SSEWDM08376D-B	3GMA083310-BSB	M3MA 80MA 6	2,304	IFS	13.94	51	
0.55 // 0.73	3000/3600	80	IC410/TENV	SSEWDM08552D-B	3GMA081310-BSB	M3MA 80MA 2	2,129	IFS	13.94	51	
	1500/1800	80	IC410/TENV	SSEWDM08554D-B	3GMA082320-BSB	M3MA 80MB 4	2,235	IFS	13.94	51	
	1000/1200	90	IC410/TENV	SSEWDM09556D-B	3GMA093310-BSB	M3MA 90MA 6	2,531	IFS	17.15	106	

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

* Motors are stamped with kW only.

Motors are usable at 230VD, 60Hz

Food Safe IEC stainless steel, three phase, totally enclosed, encapsulated

kW // Hp*	RPM	IEC Frame	Enclosure	Catalog Number	ABB Product Code	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Notes (a)
IM B5 (3001), flange mounted, footless (continued)											
0.75 // 1	3000/3600	80	IC410/TENV	SSEWDM08752D-B	3GMA081320-BSB	M3MA 80MB 2	2,235	IFS	13.94	51	
	1500/1800	80	IC410/TENV	SSEWDM08754D-B	3GMA082330-BSB	M3MA 80MC 4	2,304	IFS	13.94	51	
	1000/1200	90	IC410/TENV	SSEWDM09756D-B	3GMA093320-BSB	M3MA 90MB 6	2,766	IFS	17.15	115	
1.1 // 1.5	3000/3600	80	IC410/TENV	SSEWDM08112D-B	3GMA081330-BSB	M3MA 80MC 2	2,304	IFS	13.94	51	
	1500/1800	90	IC410/TENV	SSEWDM09114D-B	3GMA092310-BSB	M3MA 90MA 4	2,531	IFS	17.15	106	
1.5 // 2	3000/3600	90	IC410/TENV	SSEWDM09152D-B	3GMA091310-BSB	M3MA 90MA 2	2,800	IFS	17.15	115	
	1500/1800	90	IC410/TENV	SSEWDM09154D-B	3GMA092320-BSB	M3MA 90MB 4	2,766	IFS	17.15	115	
	1000/1200	100	IC411/TEFC	SSEWDM10156D-B	3GMA103510-BSB	M3MA 100LA 6	3,902	IFS	18.92	128	
2.2 // 3	3000/3600	90	IC410/TENV	SSEWDM09222D-B	3GMA091320-BSB	M3MA 90MA 2	2,955	IFS	17.15	115	
	1500/1800	100	IC411/TEFC	SSEWDM10224D-B	3GMA102510-BSB	M3MA 100LA 4	3,558	IFS	18.92	126	
	1000/1200	112	IC411/TEFC	SSEWDM11226D-B	3GMA113510-BSB	M3MA 112LA 6	4,447	IFS	18.92	130	
3 // 4	3000/3600	100	IC411/TEFC	SSEWDM10032D-B	3GMA101510-BSB	M3MA 100LA 2	3,902	IFS	18.92	133	
	1500/1800	100	IC411/TEFC	SSEWDM10034D-B	3GMA102520-BSB	M3MA 100LB 4	3,902	IFS	18.92	126	
	1000/1200	132	IC411/TEFC	SSEWDM13036D-B	3GMA133510-BSB	M3MA 132LA 6	5,165	IFS	22.81	148	
4 // 5	3000/3600	112	IC411/TEFC	SSEWDM11042D-B	3GMA111510-BSB	M3MA 112MA 2	4,447	IFS	18.92	134	
	1500/1800	112	IC411/TEFC	SSEWDM11044D-B	3GMA112510-BSB	M3MA 112LA 4	4,447	IFS	18.92	134	
	1000/1200	132	IC411/TEFC	SSEWDM13046D-B	3GMA133520-BSB	M3MA 132LB 6	5,480	IFS	22.81	148	
5.5 // 7.3	3000/3600	132	IC411/TEFC	SSEWDM13552D-B	3GMA131510-BSB	M3MA 132LA 2	5,165	IFS	22.81	152	
	1500/1800	132	IC411/TEFC	SSEWDM13554D-B	3GMA132510-BSB	M3MA 132LA 4	5,165	IFS	22.81	161	
7.5 // 10	3000/3600	132	IC411/TEFC	SSEWDM13752D-B	3GMA131520-BSB	M3MA 132LB 2	5,480	IFS	22.81	165	
	1500/1800	132	IC411/TEFC	SSEWDM13754D-B	3GMA132520-BSB	M3MA 132LB 4	5,480	IFS	22.81	181	
IM B14 (3601), face mounted, footless											
0.18 // 0.24	1000/1200	71	IC410/TENV	SSEWDM07186C-B	3GMA073310-CSB	M3MA 71MA 6	2,129	IFS	12.20	33	
	1500/1800	71	IC410/TENV	SSEWDM07254C-B	3GMA072320-CSB	M3MA 71MB 4	2,097	IFS	12.20	44	
0.25 // 0.33	1000/1200	71	IC410/TENV	SSEWDM07256C-B	3GMA073320-CSB	M3MA 71MB 6	2,235	IFS	12.20	35	
	1500/1800	80	IC410/TENV	SSEWDM08374C-B	3GMA082310-CSB	M3MA 80MA 4	2,129	IFS	13.94	51	
0.37 // 0.5	1000/1200	80	IC410/TENV	SSEWDM08376C-B	3GMA083310-CSB	M3MA 80MA 6	2,304	IFS	13.94	51	
	3000/3600	80	IC410/TENV	SSEWDM08552C-B	3GMA081310-CSB	M3MA 80MA 2	2,129	IFS	13.94	51	
0.55 // 0.73	1500/1800	80	IC410/TENV	SSEWDM08554C-B	3GMA082320-CSB	M3MA 80MB 4	2,235	IFS	13.94	51	
	1000/1200	90	IC410/TENV	SSEWDM09556C-B	3GMA093310-CSB	M3MA 90MA 6	2,531	IFS	17.15	106	
	3000/3600	80	IC410/TENV	SSEWDM08752C-B	3GMA081320-CSB	M3MA 80MB 2	2,235	IFS	13.94	51	
0.75 // 1	1500/1800	80	IC410/TENV	SSEWDM08754C-B	3GMA082330-CSB	M3MA 80MC 4	2,304	IFS	13.94	51	
	1000/1200	90	IC410/TENV	SSEWDM09756C-B	3GMA093320-CSB	M3MA 90MB 6	2,766	IFS	17.15	115	
1.1 // 1.5	3000/3600	80	IC410/TENV	SSEWDM08112C-B	3GMA081330-CSB	M3MA 80MC 2	2,304	IFS	13.94	51	
	1500/1800	90	IC410/TENV	SSEWDM09114C-B	3GMA092310-CSB	M3MA 90MA 4	2,531	IFS	17.15	106	
1.5 // 2	3000/3600	90	IC410/TENV	SSEWDM09152C-B	3GMA091310-CSB	M3MA 90MA 2	2,800	IFS	17.15	115	
	1500/1800	90	IC410/TENV	SSEWDM09154C-B	3GMA092320-CSB	M3MA 90MB 4	2,766	IFS	17.15	115	
	1000/1200	100	IC411/TEFC	SSEWDM10156C-B	3GMA103510-CSB	M3MA 100LA 6	3,902	IFS	18.92	128	
2.2 // 3	3000/3600	90	IC410/TENV	SSEWDM09222C-B	3GMA091320-CSB	M3MA 90MA 2	2,955	IFS	17.15	115	
	1500/1800	100	IC411/TEFC	SSEWDM10224C-B	3GMA102510-CSB	M3MA 100LA 4	3,558	IFS	18.92	126	
	1000/1200	112	IC411/TEFC	SSEWDM11226C-B	3GMA113510-CSB	M3MA 112LA 6	4,447	IFS	18.92	130	
3 // 4	3000/3600	100	IC411/TEFC	SSEWDM10032C-B	3GMA101510-CSB	M3MA 100LA 2	3,902	IFS	18.92	133	
	1500/1800	100	IC411/TEFC	SSEWDM10034C-B	3GMA102520-CSB	M3MA 100LB 4	3,902	IFS	18.92	126	
	1000/1200	132	IC411/TEFC	SSEWDM13036C-B	3GMA133510-CSB	M3MA 132LA 6	5,165	IFS	22.81	148	
4 // 5	3000/3600	112	IC411/TEFC	SSEWDM11042C-B	3GMA111510-CSB	M3MA 112MA 2	4,447	IFS	18.92	134	
	1500/1800	112	IC411/TEFC	SSEWDM11044C-B	3GMA112510-CSB	M3MA 112LA 4	4,447	IFS	18.92	134	
	1000/1200	132	IC411/TEFC	SSEWDM13046C-B	3GMA133520-CSB	M3MA 132LB 6	5,480	IFS	22.81	148	
5.5 // 7.3	3000/3600	132	IC411/TEFC	SSEWDM13552C-B	3GMA131510-CSB	M3MA 132LA 2	5,165	IFS	22.81	152	
	1500/1800	132	IC411/TEFC	SSEWDM13554C-B	3GMA132510-CSB	M3MA 132LA 4	5,165	IFS	22.81	161	
7.5 // 10	3000/3600	132	IC411/TEFC	SSEWDM13752C-B	3GMA131520-CSB	M3MA 132LB 2	5,480	IFS	22.81	165	
	1500/1800	132	IC411/TEFC	SSEWDM13754C-B	3GMA132520-CSB	M3MA 132LB 4	5,480	IFS	22.81	181	

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

* Motors are stamped with kW only.

Motors are usable at 230VD, 60Hz

Stainless steel, three phase, totally enclosed, C-Face, foot mounted

1/3 thru 20 Hp

IP56



Features:

- 300 series stainless steel motor frame, endplates, conduit box, shaft, base, and hardware
- Four condensate drains in each endplate
- Endplate rabbets sealed
- Labyrinth seals on DE and ODE
- 3 year warranty

Applications:

- Food processing
- Packaging
- Pumps and wastewater
- Wet environment

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volt												
1/3	3600	56C	TENV	CSSWDM3457	1,054	WDS	11.09	33	74	208-230/460	0.6	1, 30
	1800	56C	TENV	CSSWDM3534	1,109	WDS	11.09	33	75.5	208-230/460	0.7	1, 12, 30
1/2	3600	56C	TENV	CSSWDM3537	1,245	WDS	11.09	36	70	208-230/460	0.9	1, 30
		56HC	TENV	CSSWDM3537-H	1,245	WDS	11.97	37	70	208-230/460	0.9	1
	1800	56C	TENV	CSSWDM3538	1,336	WDS	11.09	37	80	208-230/460	0.9	1, 12, 30
		56HC	TENV	CSSWDM3538-H	1,336	WDS	11.97	33	80	208-230/460	0.9	1
	1200	56HC	TENV	CSSWDM3539-H	1,441	WDS	11.97	37	77	208-230/460	0.9	1
	3/4	3600	56C	TENV	CSSWDM3541	1,287	WDS	11.09	43	80	230/460	1.1
56HC			TENV	CSSWDM3541-H	1,287	WDS	11.97	34	80	230/460	1.1	1,12
1800		56C	TENV	CSSWDM3542	1,383	WDS	11.09	42	82.5	208-230/460	1.1	1, 12, 30
		56HC	TENV	CSSWDM3542-H	1,383	WDS	11.97	34	82.5	208-230/460	1.1	1,12
1200		56HC	TENV	CSSWDM3543-H	1,564	WDS	11.97	51	82.5	230/460	1.3	1,12
1		3600	56C	TENV	CESSWDM3545	1,411	WDS	11.09	39	82.5	230/460	1.4
	56HC		TENV	CESSWDM3545-H	1,411	WDS	11.97	38	82.5	230/460	1.4	12
	1800	56C	TENV	CESSWDM3546	1,405	WDS	11.09	41	85.5	230/460	1.5	1, 30
		56HC	TENV	CESSWDM3546-H	1,405	WDS	11.97	41	85.5	230/460	1.5	
	143TC	TEFC	CESSWDM3546T	1,426	WDS	13.42	52	87.5	230/460	1.5	1, 30	
	1200	56HC	TENV	CESSWDNM3556-H	1,591	WDS	14.22	64	84	230/460	1.7	1,30
1 1/2	3600	56C	TENV	CESSWDM3550	1,419	WDS	12.97	56	85.5	230/460	1.8	1, 30
		56HC	TENV	CESSWDM3550-H	1,419	WDS	12.85	50	85.5	230/460	1.8	1,30
	143TC	TENV	CESSWDM3550T	1,431	WDS	13.23	60	85.5	230/460	1.8	1, 30	
	1800	56C	TEFC	CESSWDM3554	1,432	WDS	13.34	41	86.5	230/460	2.2	1, 30
		56HC	TEFC	CESSWDM3554-H	1,432	WDS	13.03	45	86.5	230/460	2.2	1,30
	145TC	TEFC	CESSWDM3554T	1,453	WDS	13.42	55	87.5	230/460	2.1	1, 30	
2	3600	56HC	TENV	CESSWDNM3555-H	1,891	WDS	12.85	61	88.5	230/460	2.4	
		145TC	TEFC	CESSWDM3555T	1,734	WDS	14.30	60	86.5	208-230/460	2.5	1, 30
	1800	56C	TEFC	CESSWDM3558	1,725	WDS	13.34	45	86.5	230/460	2.8	8, 30
		56HC	TEFC	CESSWDM3558-H	1,725	WDS	13.03	45	86.5	230/460	2.8	
	145TC	TEFC	CESSWDM3558T	1,746	WDS	13.42	45	86.5	230/460	2.8	8, 30	
	3600	145TC	TEFC	CESSWDM3559T	2,089	WDS	15.67	74	86.5	208-230/460	3.7	1, 30
182TC		TEFC	CESSWDM3610T	2,231	WDS	16.82	90	88.5	230/460	3.7	1, 30	
3	1800	182TC	TEFC	CESSWDM3611T	2,041	WDS	18.32	94	89.5	230/460	4.2	1, 30
	3600	184TC	TEFC	CESSWDM3613T	2,374	WDS	18.32	106	90.2	230/460	5.7	30
5	1800	184TC	TEFC	CESSWDM3615T	2,297	WDS	18.32	112	89.5	230/460	6.5	
	3600	213TC	TEFC	CESSWDM3709T	2,786	WDS	19.03	166	91	230/460	8.3	1, 30
7 1/2	1800	213TC	TEFC	CESSWDM3710T	2,873	WDS	20.16	137	91.7	230/460	9.5	1
	3600	215TC	TEFC	CESSWDM3711T	3,109	WDS	20.16	184	91.7	230/460	10.6	1, 30
10	1800	215TC	TEFC	CESSWDM3714T	3,169	WDS	21.66	190	92.4	230/460	12.5	1, 30
	3600	215TC	TEFC	CESSWDM3713T	4,665	WDS	21.66	187	91.7	230/460	17	8,30
254TC		TEFC	CESSWDM23994T	6,345	WDS	24.67	293	91	230/460	16.5	1, 30	
15	1800	254TC	TEFC	CESSWDM23933T	6,245	WDS	24.67	293	92.4	230/460	17.5	1, 30
	3600	256TC	TEFC	CESSWDM41906T	7,283	WDS	24.67	312	91	230/460	21.5	2
20	1800	256TC	TEFC	CESSWDM23934T	7,242	WDS	24.67	299	93	230/460	24	8

(a) See notes on inside back flap

Red catalog number indicates **NEW** product.

Stainless steel, three phase, totally phase, C-Face, foot mounted

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
575 volt												
1/2	1800	56C	TENV	CSSWDM3538-5	1,336	WDS	11.09	37	80	575	0.7	1, 12
3/4	1800	56C	TENV	CSSWDM3542-5	1,383	WDS	11.09	41	82.5	575	0.9	1, 12
1	1800	56C	TENV	CESSWDM3546-5	1,405	WDS	11.09	46	85.5	575	1.2	
	1800	143TC	TEFC	CESSWDM3546T-5	1,426	WDS	13.42	51	87.5	575	1.3	1
1 1/2	3600	56C	TENV	CESSWDM3550-5	1,419	WDS	12.96	50	85.5	575	1.5	
	1800	145TC	TEFC	CESSWDM3554T-5	1,453	WDS	13.42	56	87.5	575	1.7	1
2	3600	145TC	TENV	CESSWDNM3555T-5	1,734	WDS	14.60	61	88.5	575	1.9	8
	1800	56C	TENV	CESSWDNM3558-5	1,725	WDS	14.34	63	87.5	575	2.1	8
		145TC	TEFC	CESSWDM3558T-5	1,746	WDS	13.42	45	86.5	575	2.3	8
3	3600	145TC	TEFC	CESSWDM3559T-5	2,089	WDS	15.67	73	86.5	575	2.9	1
		182TC	TENV	CESSWDNM3610T-5	2,231	WDS	19.82	96	89.5	575	2.8	8
	1800	182TC	TENV	CESSWDNM3611T-5	2,041	WDS	19.82	101	89.5	575	3.2	8
		182TC	TEFC	CESSWDM3611T-5	2,041	WDS	16.82	92	89.5	575	3.3	1
5	3600	184TC	TEFC	CESSWDM3613T-5	2,374	WDS	18.32	106	90.2	575	4.6	
	1800	184TC	TEFC	CESSWDM3615T-5	2,297	WDS	18.32	112	89.5	575	5.2	
7 1/2	3600	213TC	TEFC	CESSWDM3709T-5	2,786	WDS	19.03	129	91	575	6.7	
	1800	213TC	TEFC	CESSWDM3710T-5	2,873	WDS	20.16	139	91.7	575	7.6	
10	3600	215TC	TEFC	CESSWDM3711T-5	3,109	WDS	20.16	154	91.7	575	8.5	1
	1800	215TC	TEFC	CESSWDM3714T-5	3,169	WDS	21.66	185	91.7	575	9.8	1
15	1800	254TC	TEFC	CESSWDM23933T-5	6,245	WDS	24.67	281	92.4	575	14.2	

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

Stainless steel, three phase, totally enclosed, C-Face, footless

1/3 thru 10 Hp

IP56



Features:

- 300 series stainless steel motor frame, endplates, conduit box, shaft, base, and hardware
- Four condensate drains in each endplate
- Endplate rabbets sealed
- Labyrinth seals on DE and ODE
- 3 year warranty

Applications:

- Food processing
- Packaging
- Pumps and wastewater
- Wet environment

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volt												
1/3	3600	56C	TENV	VSSWDM3457	1,023	WDS	11.09	33	74	208-230/460	0.6	1, 10, 30
	1800	56C	TENV	VSSWDM3534	1,078	WDS	11.09	35	75.5	208-230/460	0.7	1,10,12,30
1/2	3600	56C	TENV	VSSWDM3537	1,215	WDS	11.09	37	70	208-230/460	0.9	2, 10, 30
	1800	56C	TEFC	VSSFWDM3538	1,383	WDS	12.34	40	80	208-230/460	0.9	1,10,12,30
		56C	TENV	VSSWDM3538	1,308	WDS	11.09	40	84	230/460	0.9	1, 10, 12, 30
3/4	3600	56C	TENV	VSSWDM3541	1,262	WDS	11.09	41	80	230/460	1.1	1, 10, 12, 30
	1800	56C	TEFC	VSSFWDM3542	1,428	WDS	12.34	44	82.5	208-230/460	1.1	1, 10
		56C	TENV	VSSWDM3542	1,356	WDS	11.09	42	82.5	208-230/460	1.1	1, 10
		56C	TENV	VESSWDM3546	1,369	WDS	12.09	44	85.5	230/460	1.5	1,30
1	1800	56C	TEFC	VESSFWDM3546	1,509	WDS	13.34	39	85.5	230/460	1.5	
		143TC	TEFC	VESSWDM3546T	1,390	WDS	13.42	44	87.5	230/460	1.5	1,30
1 1/2	1800	56C	TEFC	VESSWDM3554	1,396	WDS	13.34	46	86.5	230/460	2.2	1,30
		145TC	TEFC	VESSWDM3554T	1,417	WDS	13.42	45	87.5	230/460	2.1	1,30
		56C	TEFC	VESSWDM3558	1,689	WDS	13.34	48	86.5	230/460	2.8	8, 30
2	1800	145TC	TEFC	VESSWDM3558T	1,710	WDS	13.42	45	86.5	230/460	2.8	8, 30
		3600	145TC	TEFC	VESSWDM3559T	2,032	WDS	15.67	64	86.5	208-230/460	3.7
3	1800	182TC	TEFC	VESSWDM3611T	1,951	WDS	18.32	60	89.5	230/460	4.2	1,30
	3600	184TC	TEFC	VESSWDM3613T	2,284	WDS	18.32	83	90.2	230/460	5.7	30
5	1800	184TC	TEFC	VESSWDM3615T	2,207	WDS	18.32	101	89.5	230/460	6.5	30
	7 1/2	1800	213TC	TEFC	VESSWDM3710T	2,794	WDS	20.16	139	91.7	230/460	9.5
10	1800	215TC	TEFC	VESSWDM3714T	3,090	WDS	21.66	188	92.4	230/460	12.5	1,30
575 volt												
1	1800	56C	TENV	VESSWDM3546-5	1,369	WDS	12.09	39	85.5	575	1.2	
1 1/2	1800	145TC	TEFC	VESSWDM3554T-5	1,417	WDS	13.42	45	87.5	575	1.7	1
2	3600	56C	TEFC	VESSWDM3555-5	1,655	WDS	14.22	41	86.5	575	2.0	1
	1800	145TC	TEFC	VESSWDM3558T-5	1,710	WDS	15.67	56	88.5	575	2.2	8
3	1800	182TC	TEFC	VESSWDM3611T-5	1,951	WDS	18.32	83	89.5	575	3.3	1
5	1800	184TC	TEFC	VESSWDM3615T-5	2,207	WDS	18.32	112	89.5	575	5.1	1
10	1800	215TC	TEFC	VESSWDM3714T-5	3,090	WDS	21.66	191	92.4	575	10.1	1

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

Paint free, three phase, totally enclosed, C-Face

1/2 thru 10 Hp

IP55



Features:

- Sealed ball bearings
- Neoprene gaskets
- Rotating non-contact labyrinth seal
- 300 series stainless steel motor frame, base, shaft and hardware
- No exterior paint
- 3 year warranty

Applications:

- Food processing
- Packaging
- Outdoor applications

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted												
1/2	3600	56C	TENV	CSWDM3537	731	WDP	11.06	29	70	208-230/460	0.9	2, 30
	1800	56C	TENV	CSWDM3538	715	WDP	11.06	27	80	230/460	0.8	1, 12, 30
	1200	56C	TENV	CSWDM3539	1,000	WDP	12.06	38	78.5	208-230/460	1	1, 12, 30
3/4	3600	56C	TENV	CSWDM3541	767	WDP	11.06	36	80	208-230/460	1.1	1, 12, 30
	1800	56C	TENV	CSWDM3542	825	WDP	11.06	30	78.5	230/460	1.4	1, 12, 30
	1200	56C	TENV	CSWDM3543	1,207	WDP	12.94	47	81.5	208-230/460	1.4	30
1	1800	56C	TENV	CESWDM3546	1,150	WDP	12.06	40	85.5	230/460	1.5	1, 30
		143TC	TENV	CESWDM3546T	1,125	WDP	12.12	39	87.5	230/460	1.5	1, 30
1 1/2	1800	56C	TENV	CESWDM3554	1,174	WDP	12.94	50	86.5	230/460	2.1	30
		145TC	TENV	CESWDM3554T	1,205	WDP	13.00	50	86.5	230/460	2.1	30
2	3600	145TC	TEFC	CESWDM3555T	1,427	WDP	14.16	52	86.5	208-230/460	2.5	1, 30
	1800	56C	TEFC	CESWDM3558	1,389	WDP	13.24	45	86.5	230/460	2.9	1, 30
3	3600	145TC	TEFC	CESWDM3558T	1,479	WDP	15.54	56	88.5	230/460	2.8	1, 30
		145TC	TEFC	CESWDM3559T	1,756	WDP	15.54	62	86.5	208-230/460	3.7	1, 30
	1800	182TC	TEFC	CESWDM3611T	1,809	WDP	16.56	79	89.5	230/460	4	1, 30
5	3600	184TC	TEFC	CESWDM3613T	2,227	WDP	18.06	88	90.2	230/460	5.7	30
	1800	184TC	TEFC	CESWDM3615T	2,105	WDP	18.06	92	89.5	230/460	6.7	1, 30
7 1/2	3600	213TC	TEFC	CESWDM3709T	2,811	WDP	18.68	134	91	230/460	8.3	1, 30
	1800	213TC	TEFC	CESWDM3710T	2,590	WDP	19.81	135	91.7	230/460	9.5	1
10	3600	215TC	TEFC	CESWDM3711T	3,116	WDP	19.81	154	91.7	230/460	10.6	1, 30
	1800	215TC	TEFC	CESWDM3714T	2,947	WDP	21.31	165	91.7	230/460	12	1
Footless												
1/2	1800	56C	TENV	VSWDM3538	707	WDP	11.06	28	80	230/460	0.8	1, 12, 30
3/4	1800	56C	TENV	VSWDM3542	818	WDP	11.06	31	78.5	230/460	1.4	1, 12, 30
1	1800	56C	TENV	VESWDM3546	1,095	WDP	12.06	39	85.5	230/460	1.5	1, 30
		143TC	TENV	VESWDM3546T	1,099	WDP	12.12	43	87.5	230/460	1.5	1, 30
1 1/2	1800	56C	TENV	VESWDM3554	1,192	WDP	12.95	47	86.5	230/460	2.1	30
		145TC	TENV	VESWDM3554T	1,192	WDP	13.00	49	86.5	230/460	2.1	30
2	1800	145TC	TEFC	VESWDM3558T	1,361	WDP	15.56	55	88.5	230/460	2.8	1, 30

(a) See notes on inside back flap.

NEW!**Paint free, three phase, totally enclosed, C-Face, 575 volt**

1/2 thru 2 Hp

IP55**Features:**

- Sealed ball bearings
- Neoprene gaskets
- Rotating non-contact labyrinth seal
- 300 series stainless steel motor frame, base, shaft and hardware
- No exterior paint
- 3 year warranty

Applications:

- Food processing
- Packaging
- Outdoor applications

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted												
1/2	3600	56C	TENV	CSWDM3537-5	731	WDP	11.06	37	70	575	0.65	2, 10
	1800	56C	TENV	CSWDM3538-5	715	WDP	11.06	33	80	575	0.7	1, 10, 12
3/4	3600	56C	TENV	CSWDM3541-5	767	WDP	11.06	39	80	575	0.9	10, 12
	1800	56C	TENV	CSWDM3542-5	825	WDP	11.06	30	78.5	575	1.1	1, 10, 12
1	1800	56C	TENV	CESWDM3546-5	1,150	WDP	12.06	39	85.5	575	1.2	10
		143TC	TENV	CESWDM3546T-5	1,125	WDP	12.12	39	85.5	575	1.2	10
1 1/2	1800	56C	TENV	CESWDM3554-5	1,174	WDP	12.93	47	86.5	575	1.7	10
		145TC	TENV	CESWDM3554T-5	1,205	WDP	12.99	47	86.5	575	1.7	10
2	1800	56C	TENV	CESWDM3558-5	1,389	WDP	14.31	56	88.5	575	2.1	10
Footless												
1/2	1800	56C	TENV	VSWDM3538-5	707	WDP	11.06	33	80	575	0.7	1, 10, 12
3/4	1800	56C	TENV	VSWDM3542-5	818	WDP	11.06	37	78.5	575	1.1	1, 10, 12
1	1800	56C	TENV	VESWDM3546-5	1,095	WDP	12.06	39	85.5	575	1.2	10
		143TC	TENV	VESWDM3546T-5	1,099	WDP	12.12	39	85.5	575	1.2	10
1 1/2	1800	56C	TENV	VESWDM3554-5	1,192	WDP	12.93	57	86.5	575	1.7	10
		145TC	TENV	VESWDM3554T-5	1,192	WDP	12.99	47	86.5	575	1.7	10
2	1800	145TC	TENV	VESWDM3558T-5	1,357	WDP	14.37	62	88.5	575	2.1	10

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.**NEW!**For more information visit baldor.com or new.abb.com/motors-generators

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

Inverter Duty motor, paint free, three phase, totally enclosed, C-Face

1/2 thru 10 Hp

IP55



Features:

- Sealed ball bearings
- Neoprene gaskets
- Rotating non-contact labyrinth seal
- 300 series stainless steel motor frame, base, shaft and hardware
- No exterior paint
- Class H insulation
- NEMA Premium® efficiency
- Not encoder adaptable
- 3 year warranty

Applications:

- Conveyors
- Food processing
- Pumps
- Packaging
- Outdoor applications

Hp	Base Speed RPM	Max. RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted													
1/2	1800	6000	56C	TENV	IDCSWDM3538	1,551	WDP	11.06	31	82.5	208-230/460	0.8	30
3/4	1800	6000	56C	TENV	IDCSWDM3542	1,756	WDP	11.06	32	82.5	208-230/460	1.1	30
1	1800	6000	56C	TENV	IDCSWDM3546	1,823	WDP	12.06	40	85.5	208-230/460	1.5	30
			143TC	TENV	IDCSWDM3546T	1,823	WDP	12.12	42	85.5	230/460	1.5	
1 1/2	1800	4000	56C	TEFC	IDCSWDM3554	1,950	WDP	14.12	51	88.5	230/460	2.1	
			145TC	TEFC	IDCSWDM3554T	1,950	WDP	14.17	49	88.5	230/460	2.1	
2	1800	4500	56C	TEFC	IDCSWDM3558	2,083	WDP	13.24	44	86.5	230/460	2.9	
			145TC	TEFC	IDCSWDM3558T	2,083	WDP	13.29	48	86.5	230/460	2.9	
3	1800	6000	182TC	TEFC	IDCSWDM3611T	2,284	WDP	18.06	85	89.5	230/460	4.2	
5	1800	6000	184TC	TEFC	IDCSWDM3615T	2,658	WDP	18.06	99	89.5	230/460	6.5	
7 1/2	1800	6000	213TC	TEFC	IDCSWDM3710T	4,024	WDP	19.81	136	91.7	230/460	9.5	
10	1800	6000	215TC	TEFC	IDCSWDM3714T	4,601	WDP	21.31	187	92.4	230/460	12.5	
Footless													
1/2	1800	6000	56C	TENV	IDVSWDM3538	1,538	WDP	11.06	32	84	230/460	0.9	
3/4	1800	6000	56C	TENV	IDVSWDM3542	1,748	WDP	11.06	35	82.5	230/460	1.1	
1	1800	6000	56C	TENV	IDVSWDM3546	1,814	WDP	12.06	40	85.5	230/460	1.5	
			143TC	TENV	IDVSWDM3546T	1,814	WDP	12.12	40	85.5	230/460	1.5	
1 1/2	1800	4000	56C	TEFC	IDVSWDM3554	1,940	WDP	14.12	50	88.5	230/460	2.1	
			145TC	TEFC	IDVSWDM3554T	1,940	WDP	14.17	50	88.5	230/460	2.1	
2	1800	4500	56C	TEFC	IDVSWDM3558	2,066	WDP	13.24	45	86.5	230/460	2.9	
			145TC	TEFC	IDVSWDM3558T	2,066	WDP	13.29	46	86.5	230/460	2.9	
3	1800	6000	182TC	TEFC	IDVSWDM3611T	2,172	WDP	18.06	80	89.5	230/460	4.2	
5	1800	6000	184TC	TEFC	IDVSWDM3615T	2,532	WDP	18.06	97	89.5	230/460	6.5	

(a) See notes on inside back flap.

Single phase, totally enclosed, foot mounted

1/2 thru 1 1/2 Hp

IP55



Features:

- 300 series stainless steel hardware
- Neoprene gaskets
- Double sealed ball bearings
- Lip and V-Ring seal on DE
- White epoxy, corrosion resistant finish
- Stainless steel shaft extension

Applications:

- Food processing
- Wet environment
- Packaging
- Pumps and wastewater

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/2	1800	56	TEFC	WDL3504	622	WDW	12.23	34	68	115/230	3.7	1, 12, 30
3/4	1800	56	TEFC	WDL3507	728	WDW	12.23	37	68	115/230	5.5	1, 12, 30
1	1800	56	TEFC	WDL3510	842	WDW	13.23	41	67	115/230	6.4	1, 30
1 1/2	1800	145T	TEFC	WDL3514T	1,037	WDW	14.18	50	80	115/230	6.2	1, 30

(a) See notes on inside back flap.

Single phase, totally enclosed, C-Face

1/2 thru 1 1/2 Hp

IP55



Features:

- 300 series stainless steel hardware
- Neoprene gaskets
- Double sealed ball bearings
- Lip and V-Ring seal on DE
- White epoxy, corrosion resistant finish
- Stainless steel shaft extension

Applications:

- Food processing
- Wet environment
- Packaging
- Pumps and wastewater

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted												
1/2	1800	56C	TEFC	CWDL3504	651	WDW	12.23	35	68	115/230	3.7	1, 12, 30
3/4	1800	56C	TEFC	CWDL3507	758	WDW	12.23	36	68	115/230	5.5	1, 12, 30
1	3600	56C	TEFC	CWDL3509	710	WDW	12.23	37	68	115/230	5.9	1, 12, 30
	1800	56C	TEFC	CWDL3510	871	WDW	13.23	41	67	115/230	6.4	1, 30
1 1/2	3600	56C	TEFC	CWDL3513	877	WDW	13.23	41	70	115/230	8	1, 30
	1800	56C	TEFC	CWDL3514	1,043	WDW	14.12	50	80	115/230	6.2	1, 30
Footless												
1/2	1800	56C	TEFC	VWDL3504	624	WDW	12.25	35	68	115/230	3.7	1, 12, 30
3/4	1800	56C	TEFC	VWDL3507	733	WDW	12.25	36	68	115/230	5.5	1, 12, 30
1	1800	56C	TEFC	VWDL3510	839	WDW	13.25	42	67	115/230	6.4	1, 30
1 1/2	1800	56C	TEFC	VWDL3514	1,007	WDW	14.10	48	80	115/230	6.2	1, 30

(a) See notes on inside back flap.

Three phase, totally enclosed, foot mounted

1/2 thru 20 Hp

IP55



Features:

- 300 series stainless steel hardware
- Neoprene gaskets
- Double sealed ball bearings
- Lip and V-Ring seal on DE
- White epoxy, corrosion resistant finish
- Stainless steel shaft extension
- 3 year warranty

Applications:

- Food processing
- Wet environment
- Conveyors
- Packaging
- Pumps and wastewater

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/2	1800	56	TENV	WDM3538	621	WDW	11.06	27	80	230/460	0.8	1, 12, 30
3/4	1800	56	TENV	WDM3542	664	WDW	11.06	30	78.5	230/460	1.4	1, 12, 30
	3600	143T	TENV	EWDM3545T	879	WDW	11.12	35	82.5	230/460	1.3	1
1	1800	56	TENV	EWDM3546	905	WDW	12.06	39	85.5	230/460	1.5	1, 30
		143T	TENV	EWDM3546T	927	WDW	12.12	39	85.5	230/460	1.5	1, 30
	1200	145T	TEFC	EWDM3556T	1,065	WDW	13.29	41	82.5	230/460	1.8	1
	900	182T	TEFC	EWDM3617T	1,755	WDW	16.54	65	75.5	230/460	2.3	1
1 1/2	3600	143T	TENV	EWDM3550T	908	WDW	12.12	48	85.5	230/460	2	
	1800	145T	TENV	EWDM3554T	1,019	WDW	13.00	49	86.5	230/460	2.1	30
	1200	182T	TEFC	EWDM3607T	1,178	WDW	16.54	91	87.5	230/460	2.4	1
	900	184T	TEFC	EWDM3618T	2,062	WDW	18.04	95	78.5	230/460	3	1
2	3600	145T	TEFC	EWDM3555T	1,145	WDW	14.17	50	86.5	230/460	2.5	1
	1800	145T	TEFC	EWDM3558T	1,196	WDW	13.29	46	86.5	230/460	2.9	1, 30
	1200	184T	TEFC	EWDM3614T	1,320	WDW	18.04	100	88.5	230/460	3.5	1
	900	213T	TEFC	EWDM3702T	2,882	WDW	19.04	111	85.5	230/460	3.5	1
3	3600	182T	TEFC	EWDM3610T	1,247	WDW	15.17	50	86.5	230/460	3.6	1
	1800	182T	TEFC	EWDM3611T	1,493	WDW	16.54	73	89.5	230/460	4.2	1, 30
	1200	213T	TEFC	EWDM3704T	1,712	WDW	19.04	139	89.5	230/460	4.6	1
	900	215T	TEFC	EWDM3705T	3,184	WDW	19.04	111	86.5	230/460	5.2	1
5	3600	184T	TEFC	EWDM3613T	1,799	WDW	16.54	74	88.5	230/460	5.9	1
	1800	184T	TEFC	EWDM3615T	1,699	WDW	18.04	90	89.5	230/460	6.7	1, 30
	1200	215T	TEFC	EWDM3708T	1,936	WDW	20.54	185	89.5	230/460	7.2	1
7 1/2	3600	213T	TEFC	EWDM3709T	2,518	WDW	19.04	129	91.7	230/460	9.5	1
	1800	213T	TEFC	EWDM3710T	2,127	WDW	19.04	151	91.7	230/460	9.5	1, 30
	1200	254T	TEFC	EWDM22976T	3,674	WDW	23.57	265	91	230/460	10.7	1
10	3600	215T	TEFC	EWDM3711T	2,664	WDW	17.89	123	90.2	230/460	11.6	1
	1800	215T	TEFC	EWDM3714T	2,317	WDW	20.54	165	91.7	230/460	12	1
	1200	256T	TEFC	EWDM23932T	4,214	WDW	24.57	276	91	230/460	14.7	30
15	3600	254T	TEFC	EWDM23994T	5,080	WDW	22.32	169	91	230/460	15.3	1
	1800	254T	TEFC	EWDM23933T	4,997	WDW	23.57	248	92.4	230/460	18	1, 30
20	3600	256T	TEFC	EWDM41906T	5,856	WDW	23.57	242	91	230/460	23	
	1800	256T	TEFC	EWDM23934T	5,823	WDW	23.57	269	93	230/460	24	1, 30

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

Three phase, totally enclosed, C-Face, foot mounted

1/3 thru 20 Hp

IP55



Features:

- 300 series stainless steel hardware
- Neoprene gaskets
- Double sealed ball bearings
- Lip and V-Ring seal on DE
- White epoxy, corrosion resistant finish
- Stainless steel shaft extension
- 3 year warranty

Applications:

- Food processing
- Wet environment
- Conveyors
- Packaging
- Pumps and wastewater

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	
1/3	1800	56C	TENV	CWDM3534	541	WDW	11.06	33	75.5	208-230/460	0.7	1	
		56C	TENV	CWDM3537	604	WDW	11.06	29	70	208-230/460	0.9	1, 12	
1/2	3600	56HC	TENV	CWDM3537-H	604	WDW	11.91	37	70	208-230/460	0.9	1, 12	
		56C	TENV	CWDM3538	654	WDW	11.06	28	80	230/460	0.8	1, 12, 30	
	1800	56HC	TENV	CWDM3538-H	654	WDW	11.91	33	80	230/460	0.8	1, 12	
		56C	TENV	CWDM3539	826	WDW	12.06	37	78.5	208-230/460	1	1, 12	
	1200	56HC	TENV	CWDM3539-H	826	WDW	11.91	37	78.5	208-230/460	1	1, 12	
		56C	TENV	CWDM3541	633	WDW	11.07	35	80	230/460	1.1	1, 12, 30	
3/4	3600	56HC	TENV	CWDM3541-H	633	WDW	11.91	34	80	230/460	1.1	1, 12	
		56C	TENV	CWDM3542	709	WDW	11.07	29	78.5	230/460	1.4	1, 12, 30	
	1800	56HC	TENV	CWDM3542-H	709	WDW	11.91	30	78.5	230/460	1.4	1, 12, 30	
		56C	TENV	CWDM3543	997	WDW	12.94	46	80	208-230/460	1.4	1	
	1200	56HC	TENV	CWDM3543-H	997	WDW	12.78	45	81.5	208-230/460	1.4		
		56C	TEFC	CEWDM3545	1,039	WDW	12.24	33	77	230/460	1.4	1, 12	
	3600	56C	TENV	CEWDM3545	981	WDW	11.06	35	82.5	230/460	1.3		
		56HC	TENV	CEWDM3545-H	981	WDW	11.91	35	82.5	230/460	1.3	1, 12, 30	
		143TC	TENV	CEWDM3545T	1,017	WDW	12.12	35	82.5	230/460	1.3	1	
		56C	TENV	CEWDM3546	1,044	WDW	12.06	41	85.5	230/460	1.5	30	
1	1800	56HC	TENV	CEWDM3546-H	1,044	WDW	11.91	39	85.5	230/460	1.5	1, 30	
		143TC	TENV	CEWDM3546T	1,065	WDW	12.13	37	85.5	230/460	1.5	30	
	1200	56C	TEFC	CEWDM3556	1,172	WDW	13.24	43	82.5	230/460	1.8	1, 30	
		56HC	TEFC	CEWDM3556-H	1,172	WDW	13.08	41	82.5	230/460	1.8	1	
		145TC	TEFC	CEWDM3556T	1,203	WDW	13.28	41	82.5	230/460	1.8	1	
		900	182TC	TEFC	CEWDM3617T	1,876	WDW	16.54	65	75.5	230/460	2.3	1, 30
1 1/2	3600	56C	TENV	CEWDM3550	1,068	WDW	12.07	46	85.5	230/460	2	1, 30	
		56HC	TENV	CEWDM3550-H	1,068	WDW	11.91	48	85.5	230/460	2	1	
		143TC	TENV	CEWDM3550T	1,091	WDW	12.12	48	85.5	230/460	2	1	
		56C	TENV	CEWDM3554	1,092	WDW	12.94	50	86.5	230/460	2.1	30	
	1800	56HC	TENV	CEWDM3554-H	1,092	WDW	12.78	56	86.5	230/460	2.1		
		145TC	TENV	CEWDM3554T	1,115	WDW	13.00	48	86.5	230/460	2.1	30	
	1200	182TC	TEFC	CEWDM3607T	1,299	WDW	16.54	72	87.5	230/460	2.4	1, 30	
		900	184TC	TEFC	CEWDM3618T	2,183	WDW	18.04	101	78.5	230/460	3	1
	2	3600	56HCY	TEFC	CEWDM3555	1,155	WDW	13.24	35	85.5	230/460	2.5	1, 30
			56HC	TEFC	CEWDM3555-H	1,155	WDW	13.08	41	85.5	230/460	2.5	1
		145TC	TEFC	CEWDM3555T	1,178	WDW	13.28	45	85.5	230/460	2.5	1, 30	
		56C	TEFC	CEWDM3558	1,191	WDW	14.12	48	86.5	230/460	2.9	1, 30	
1800		56HC	TEFC	CEWDM3558-H	1,191	WDW	13.96	48	86.5	230/460	2.9	1, 30	
		145TC	TEFC	CEWDM3558T	1,229	WDW	13.28	46	86.5	230/460	2.9	1, 30	
		145TC	TENV	CEWDM3558T	1,200	WDW	14.37	54	88.5	230/460	2.7	1, 30	
		1200	184TC	TEFC	CEWDM3614T	1,441	WDW	18.04	93	88.5	230/460	3.5	1, 30
900		213TC	TEFC	CEWDM3702T	3,069	WDW	19.78	111	85.5	230/460	3.5	1	

(a) See notes on inside back flap.

Red catalog number indicates NEW product.

Three phase, totally enclosed, C-Face, foot mounted

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
3	3600	145TC	TEFC	CEWDM3559T	1,451	WDW	14.17	60	86.5	230/460	3.6	1, 30
		182TC	TEFC	CEWDM3610T	1,368	WDW	15.18	57	86.5	230/460	3.6	1, 30
	1800	182TC	TEFC	CEWDM3611T	1,614	WDW	16.54	78	89.5	230/460	4.2	1, 30
	1200	213TC	TEFC	CEWDM3704T	1,899	WDW	19.78	136	89.5	230/460	4.6	1, 30
	900	215TC	TEFC	CEWDM3705T	3,497	WDW	19.78	111	86.5	230/460	5.2	1
5	3600	184TC	TEFC	CEWDM3613T	1,920	WDW	16.54	80	88.5	230/460	5.9	1, 30
	1800	184TC	TEFC	CEWDM3615T	1,829	WDW	18.04	96	89.5	230/460	6.7	1, 30
	1200	215TC	TEFC	CEWDM3708T	2,249	WDW	21.27	185	89.5	230/460	7.2	1, 30
7 1/2	3600	184TC	TEFC	CEWDM3616T	2,282	WDW	18.04	101	89.5	230/460	8.4	1, 30
		213TC	TEFC	CEWDM3709T	2,705	WDW	18.64	143	89.5	230/460	9	1, 30
	1800	213TC	TEFC	CEWDM3710T	2,314	WDW	19.78	151	91.7	230/460	9.5	1, 30
	1200	254TC	TEFC	CEWDM22976T	3,861	WDW	23.57	280	91	230/460	11	1, 30
10	3600	215TC	TEFC	CEWDM3711T	2,977	WDW	18.64	122	90.2	230/460	11.8	1, 30
	1800	215TC	TEFC	CEWDM3714T	2,630	WDW	21.27	165	91.7	230/460	12	1
	1200	256TC	TEFC	CEWDM23932T	4,389	WDW	23.57	289	91	230/460	15.1	30
15	3600	215TC	TEFC	CEWDM3713T	3,741	WDW	21.26	174	91	230/460	17	1, 30
		254TC	TEFC	CEWDM23994T	5,255	WDW	21.89	188	91	230/460	16.6	1, 30
	1800	254TC	TEFC	CEWDM23933T	5,172	WDW	23.57	256	92.4	230/460	18	1, 30
20	3600	256TC	TEFC	CEWDM41906T	6,031	WDW	23.57	274	91	230/460	23	1
	1800	256TC	TEFC	CEWDM23934T	5,998	WDW	23.57	283	93	230/460	24	1, 30

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

Three phase, totally enclosed, C-Face, footless

1/3 thru 10 Hp

IP55



Features:

- 300 series stainless steel hardware
- Neoprene gaskets
- Double sealed ball bearings
- Lip and V-Ring seal on DE
- White epoxy, corrosion resistant finish
- Stainless steel shaft extension
- 3 year warranty

Applications:

- Food processing
- Wet environment
- Conveyors
- Packaging
- Pumps and wastewater

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/3	1800	56C	TENV	VWDM3534	519	WDW	11.06	33	75.5	208-230/460	0.7	1, 12
		56C	TENV	VEWDM3538	868	WDW	11.06	32	84	230/460	0.9	1, 30
1/2	1800	56C	TEFC	VFWD3538	678	WDW	12.24	29	80	230/460	0.8	1, 12, 30
		56C	TENV	VWDM3538	649	WDW	11.06	29	80	230/460	0.8	1, 12, 30
		56C	TENV	VEWDM3542	955	WDW	11.06	32	84	230/460	1.1	1, 12, 30
3/4	1800	56C	TEFC	VFWD3542	733	WDW	12.24	31	78.5	230/460	1.4	1, 12, 30
		56C	TENV	VWDM3542	705	WDW	11.06	33	80	230/460	1.2	1, 12
		56C	TEFC	VEFWD3546	1,062	WDW	12.22	38	85.5	230/460	1.5	1, 30
1	1800	56C	TENV	VEWDM3546	1,034	WDW	12.06	40	85.5	230/460	1.5	1, 30
		143TC	TEFC	VEFWD3546T	1,070	WDW	12.30	36	85.5	230/460	1.5	1, 30
		143TC	TENV	VEWDM3546T	1,042	WDW	12.12	40	85.5	230/460	1.5	1, 30
		56C	TENV	VEWDM3554	1,110	WDW	12.94	48	86.5	230/460	2.1	30
1 1/2	1800	145TC	TEFC	VEFWD3554T	1,148	WDW	13.28	43	86.5	230/460	2.2	1, 30
		145TC	TENV	VEWDM3554T	1,119	WDW	13.00	48	86.5	230/460	2.1	30
2	1800	56C	TEFC	VEWDM3558	1,181	WDW	13.22	46	86.5	230/460	2.9	1, 30
		145TC	TEFC	VEWDM3558T	1,204	WDW	13.28	47	86.5	230/460	2.9	1, 30
	3600	56C	TEFC	VEWDM3559	1,368	WDW	14.12	50	86.5	230/460	3.6	1, 30
		145TC	TEFC	VEWDM3559T	1,381	WDW	14.17	50	86.5	230/460	3.6	1, 30
		56C	TEFC	VEWDM3561	1,319	WDW	15.61	73	89.5	230/460	4.2	1, 30
3	1800	145TC	TEFC	VEWDM3561T	1,334	WDW	15.68	73	89.5	230/460	4.2	1, 30
		145TC	TENV	VEWDM3651T	1,524	WDW	15.63	91	89.5	230/460	4.1	1, 30
		182TC	TEFC	VEWDM3611T	1,513	WDW	16.54	73	89.5	230/460	4.2	1, 30
5	1800	184TC	TEFC	VEWDM3615T	1,715	WDW	18.05	89	89.5	230/460	6.7	1, 30
7 1/2	1800	213TC	TEFC	VEWDM3710T	2,294	WDW	19.78	151	91.7	230/460	9.5	1, 30
10	1800	215TC	TEFC	VEWDM3714T	2,465	WDW	21.27	165	91.7	230/460	12	1, 30

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

Three phase, totally enclosed, C-Face, 575 volt 1/2 thru 20 Hp

IP55



Features:

- 300 series stainless steel hardware
- Neoprene gaskets
- Double sealed ball bearings
- Lip and V-Ring seal on DE
- White epoxy, corrosion resistant finish
- Stainless steel shaft extension
- 3 year warranty

Applications:

- Food processing
- Wet environment
- Conveyors
- Packaging
- Pumps and wastewater

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted												
1/2	1800	56C	TENV	CWDM3538-5	654	WDW	11.07	26	80	575	0.7	1, 12
3/4	1800	56C	TENV	CWDM3542-5	709	WDW	11.06	35	78.5	575	1.1	1, 12
1	1800	56C	TENV	CEWDM3546-5	1,044	WDW	12.06	39	85.5	575	1.2	
		143TC	TENV	CEWDM3546T-5	1,065	WDW	12.12	38	85.5	575	1.2	
1 1/2	1800	145TC	TENV	CEWDM3554T-5	1,115	WDW	13.00	46	86.5	575	1.7	1
2	1800	145TC	TEFC	CEWDM3558T-5	1,229	WDW	13.28	46	86.5	575	2.3	1
		3600	145TC	CEWDM3559T-5	1,451	WDW	14.17	52	86.5	575	2.9	1
3	1800	182TC	TEFC	CEWDM3611T-5	1,614	WDW	16.54	77	89.5	575	3.3	1
		3600	184TC	CEWDM3613T-5	1,920	WDW	16.54	70	88.5	575	4.7	1
5	1800	184TC	TEFC	CEWDM3615T-5	1,829	WDW	18.04	94	89.5	575	5.3	1
		3600	213TC	CEWDM3709T-5	2,705	WDW	19.78	143	91	575	7	10
7 1/2	1800	213TC	TEFC	CEWDM3710T-5	2,314	WDW	19.78	130	91.7	575	7.6	1
		3600	215TC	CEWDM3711T-5	2,977	WDW	18.64	122	90.2	575	9.5	10
10	1800	215TC	TEFC	CEWDM3714T-5	2,630	WDW	21.27	165	91.7	575	9.6	1
		1800	254TC	CEWDM23933T-5	5,172	WDW	23.57	258	92.4	575	14.5	1
20	1800	256TC	TEFC	CEWDM23934T-5	5,998	WDW	23.57	289	93	575	19	1
Footless												
1/2	1800	56C	TENV	VWDM3538-5	649	WDW	11.06	28	80	575	0.7	1, 12
3/4	1800	56C	TENV	VWDM3542-5	705	WDW	11.06	32	80	575	0.9	1, 12

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

Feather Picker motor, three phase, TEFC, encapsulated, foot mounted

2 thru 3 Hp

IP56



Features:

- Labyrinth seal on DE and ODE
- Epoxy encapsulated windings
- Stainless steel hardware, shaft extension, nameplate
- Neoprene gaskets
- Double sealed ball bearings
- White epoxy, corrosion resistant finish

Applications:

- Feather picker
- Food processing
- Wet environment

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
2	1800	145T	WDM3558TP	1,185	WDW	14.24	39	81.5	230/460	2.9	30, 31
3	1800	145T	WDM3561TP	1,455	WDW	15.63	59	81	230/460	4	2, 8, 31

(a) See notes on inside back flap.

Feather Picker motor, three phase, TEFC, encapsulated, C-Face, foot mounted

3 Hp

IP56



Features:

- Labyrinth seal on DE and ODE
- Epoxy encapsulated windings
- Stainless steel hardware, shaft extension, nameplate
- Neoprene gaskets
- Double sealed ball bearings
- White epoxy, corrosion resistant finish

Applications:

- Feather picker
- Food processing
- Wet environment

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volt											
3	1800	145TC	CWDM3561TP	1,493	WDW	15.62	59	81	230/460	4	2, 8, 31
575 volt											
3	1800	145TC	CWDM3561TP-5	1,493	WDW	15.54	59	81	575	3.2	2, 8, 31

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

Cut Saw motor, three phase, TENV, foot mounted

1 Hp

IP56



Features:

- Labyrinth seal
- Fully potted leads inside conduit box
- Stainless steel hardware, shaft extension, nameplate
- Neoprene gaskets
- Double sealed ball bearings
- White epoxy, corrosion resistant finish

Applications:

- Poultry cut saw
- Food processing
- Wet environment

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	1800	D80	WDNMM3546-4	925	WDW	12.00	39	75.5	460	1.5	2, 31

(a) See notes on inside back flap.

Brake motor, three phase, totally enclosed, C-Face, foot mounted

1/2 thru 5 Hp

IP55



Features:

- 300 series stainless steel hardware
- Neoprene gaskets
- Double sealed ball bearings
- Power off manual release brake with automatic reset
- Lip and V-Ring seal on DE
- NEMA Premium® efficiency
- White epoxy, corrosion resistant finish
- Stainless steel shaft extension
- Standard NEMA BA dimension

Applications:

- Food processing
- Wet environment
- Conveyors
- Packaging
- Pumps and wastewater

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating (b)	Notes (a)
1/2	1800	56C	TENV	CEWDBM3538	2,086	WDW	15.31	42	84	208-230/460	0.9	3	1, 12, 41
3/4	1800	56C	TENV	CEWDBM3542	2,254	WDW	15.31	42	84	230/460	1.1	6	1, 12, 30, 41
1	1800	56C	TENV	CEWDBM3546	2,314	WDW	16.31	50	85.5	230/460	1.5	6	1, 30, 41
		143TC	TENV	CEWDBM3546T	2,338	WDW	16.81	51	85.5	230/460	1.5	6	1, 30, 41
1 1/2	1800	145TC	TENV	CEWDBM3554T	2,518	WDW	18.14	61	86.5	230/460	2.1	10	30, 41
2	1800	145TC	TEFC	CEWDBM3558T	2,562	WDW	18.56	60	86.5	230/460	2.9	10	1, 30, 41
3	1800	182TC	TEFC	CEWDBM3611T	3,100	WDW	21.80	93	89.5	230/460	4.2	15	1, 30, 41
5	1800	184TC	TEFC	CEWDBM3615T	3,745	WDW	23.30	110	89.5	230/460	6.7	25	1, 30, 42

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft.

Jet pump, three phase, TEFC, C-Face

3/4 thru 3 Hp

IP55



Features:

- 300 series stainless steel hardware and shaft extension
- Neoprene gaskets
- Double sealed ball bearings
- Lip and V-Ring seal on DE
- White epoxy, corrosion resistant finish
- Easy removable drain plugs

Applications:

- Food processing
- Wet environment
- Pumps and wastewater

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Footless											
3/4	3600	56J	JWDM3463	666	WDW	12.72	33	68	208-230/460	1.4	1, 30
1	3600	56J	JEWDM3545	1,052	WDW	12.72	38	78.5	208-230/460	1.6	1, 30
1 1/2	3600	56J	JEWDM3550	1,111	WDW	13.72	41	84	208-230/460	2	1, 30
2	3600	56J	JEWDM3555	1,234	WDW	13.72	41	85.5	230/460	2.5	1, 30
3	3600	56J	JEWDM3559	1,463	WDW	15.97	64	87.5	208-230/460	3.5	1, 30
Foot mounted											
3/4	3600	56J	CJWDM3463	671	WDW	12.72	33	68	208-230/460	1.4	1, 30
1	3600	56J	CJEWDM3545	1,057	WDW	12.72	38	78.5	208-230/460	1.6	1, 30
1 1/2	3600	56J	CJEWDM3550	1,117	WDW	13.72	41	84	208-230/460	2	1, 30
2	3600	56J	CJEWDM3555	1,239	WDW	13.72	41	85.5	230/460	2.5	1, 30
3	3600	56J	CJEWDM3559	1,468	WDW	15.98	64	87.5	208-230/460	3.5	1, 30

(a) See notes on inside back flap.

Close-coupled pump, three phase, totally enclosed, foot mounted

1 thru 20 Hp

IP55



Features:

- Oversized, double sealed ball bearings
- Locked DE bearing
- Neoprene gaskets
- Lip and V-Ring seal on DE
- NEMA Premium® efficiency
- White epoxy, corrosion resistant finish
- 300 series stainless steel hardware and shaft extension

Applications:

- Water pumps commercial and industrial
- Food processing
- Wet environment

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	3600	143JM	TENV	JMEWDM3545T	1,093	WDW	15.41	35	84	230/460	1.4	1
	1800	143JM	TENV	JMEWDM3546T	1,141	WDW	14.25	39	85.5	230/460	1.5	1, 30
1 1/2	3600	143JM	TENV	JMEWDM3550T	1,147	WDW	14.28	48	85.5	208-230/460	2	1, 30
	1800	145JM	TENV	JMEWDM3554T	1,192	WDW	15.16	50	86.5	230/460	2.1	30
2	3600	145JM	TEFC	JMEWDM3555T	1,252	WDW	15.43	47	85.5	208-230/460	2.5	1, 30
	1800	145JM	TEFC	JMEWDM3558T	1,305	WDW	16.34	48	86.5	230/460	2.9	1, 30
3	3600	145JM	TEFC	JMEWDM3559T	1,529	WDW	16.31	50	86.5	230/460	3.6	1, 30
	1800	182JM	TEFC	JMEWDM3611T	1,712	WDW	18.05	70	89.5	230/460	4.2	1, 30
5	3600	184JM	TEFC	JMEWDM3613T	2,018	WDW	18.05	81	88.5	230/460	5.6	1, 30
		184JM	TEFC	JMEWDM3613T-5	2,018	WDW	18.05	74	88.5	575	4.7	10
	1800	184JM	TEFC	JMEWDM3615T	1,928	WDW	19.55	93	89.5	230/460	6.7	1, 30
		184JM	TEFC	JMEWDM3616T	2,391	WDW	19.55	96	89.5	230/460	8.4	1, 30
7 1/2	3600	213JM	TEFC	JMEWDM3710T	2,423	WDW	20.91	151	91.7	230/460	9.5	1, 30
	1800	215JM	TEFC	JMEWDM3711T	3,087	WDW	20.91	130	90.2	208-230/460	10.8	1, 30
10	3600	215JM	TEFC	JMEWDM3714T	2,576	WDW	22.41	165	91.7	230/460	12	1, 30
	1800	215JM	TEFC	JMEWDM3713T	3,851	WDW	21.64	169	91	230/460	17	1, 30
15	3600	254JM	TEFC	JMEWDM23933T	5,323	WDW	25.06	252	92.4	230/460	18	1, 30
	1800	256JM	TEFC	JMEWDM41906T	6,180	WDW	25.06	255	91	230/460	23	2
20	1800	256JM	TEFC	JMEWDM23934T	6,151	WDW	25.06	275	93	230/460	24	1, 30

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

Inverter Duty motor, three phase, TENV, C-Face, foot mounted

1 thru 10 Hp

IP55



Features:

- Inverter Duty 1000:1 CT
- Encoder mounting provisions
- Class H insulation
- Thermostats
- 300 series stainless steel hardware
- Neoprene gaskets
- Double sealed ball bearings
- Lip and V-Ring seal on DE
- NEMA Premium® efficiency
- White epoxy, corrosion resistant finish
- Stainless steel shaft extension
- 3 year warranty

Applications:

- Food processing
- Wet environment
- Conveyors
- Packaging
- Pumps and wastewater

Hp	Base Speed RPM	Max. RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	1800	6000	143TC	IDWNM3546T	1,551	WDW	14.90	41	85.5	230/460	1.5	
1 1/2	1800	4500	145TC	IDWNM3554T	1,708	WDW	15.78	52	86.5	230/460	2.1	
2	1800	6000	182TC	IDWNM3609T	2,014	WDW	17.77	77	88.5	230/460	2.9	
3	1800	6000	184TC	IDWNM3611T	2,050	WDW	19.27	90	89.5	230/460	4.1	
5	1800	4000	213TC	IDWNM3707T	2,320	WDW	19.84	122	89.5	230/460	6.7	
7 1/2	1800	5000	254TC	IDWNM22937T	4,132	WDW	23.92	283	91.7	230/460	8.9	
10	1800	5000	254TC	IDWNM22938T	4,208	WDW	23.92	287	91.7	230/460	12	

(a) See notes on inside back flap.

1000:1 Constant torque speed range

Vector Duty motor, three phase, TENV, C-Face, foot mounted

1 thru 10 Hp

IP55



Features:

- Inverter Duty 1000:1 CT
- HS25 Encoder mounted
- Class H insulation
- Thermostats
- 300 series stainless steel hardware
- Neoprene gaskets
- Double sealed ball bearings
- Lip and V-Ring seal on DE
- NEMA Premium® efficiency
- White epoxy, corrosion resistant finish
- Stainless steel shaft extension
- 3 year warranty

Applications:

- Material handling
- Food processing
- Wet environment
- Conveyors
- Packaging

Hp	Base Speed RPM	Max. RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	1800	6000	143TC	ZDWNM3546T	3,107	WDW	14.90	44	85.5	230/460	1.5	
1 1/2	1800	4500	145TC	ZDWNM3554T	3,264	WDW	15.78	56	86.5	230/460	2.1	
2	1800	6000	182TC	ZDWNM3609T	3,576	WDW	17.77	71	88.5	230/460	2.9	
3	1800	6000	184TC	ZDWNM3611T	3,609	WDW	19.27	90	89.5	230/460	4.1	
5	1800	6000	213TC	ZDWNM3707T	3,878	WDW	19.84	126	89.5	230/460	6.7	
7 1/2	1800	5000	254TC	ZDWNM22937T	5,667	WDW	23.92	250	91.7	230/460	8.9	
10	1800	5000	254TC	ZDWNM22938T	5,767	WDW	23.92	286	91.7	230/460	12	

(a) See notes on inside back flap.

1000:1 Constant torque speed range

NEW!

Three phase, totally enclosed, foot mounted, washdown features

5 thru 75 Hp

IP55**Features:**

- 300 series stainless steel hardware
- Neoprene gaskets
- Double sealed ball bearings
- Lip and V-Ring seal on DE
- White epoxy, corrosion resistant finish
- Stainless steel shaft extension
- Rugged cast iron construction
- 3 year warranty

Applications:

- Food processing
- Wet environment
- Conveyors
- Packaging
- Pumps and wastewater

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
5	900	254T	TEFC	EWDM2280T	5,086	WDW	23.07	320	86.5	230/460	12.1	1, 30
7 1/2	900	256T	TEFC	EWDM2401T	5,514	WDW	23.07	320	86.5	230/460	12.1	1
10	900	284T	TEFC	EWDM2402T	6,141	WDW	27.56	391	89.5	230/460	14.6	1, 30
	1200	284T	TEFC	EWDM4100T	4,470	WDW	27.56	391	91.7	230/460	21	1
15	900	286T	TEFC	EWDM2395T	8,197	WDW	27.56	469	89.5	230/460	23	1
	1200	286T	TEFC	EWDM4102T	6,073	WDW	27.56	429	91.7	230/460	26	1
20	900	324T	TEFC	EWDM4112T	9,345	WDW	30.28	578	90.2	230/460	30	1
	3600	284TS	TEFC	EWDM4107T	4,301	WDW	24.47	265	91.7	230/460	29	1
	1800	284T	TEFC	EWDM4103T	4,122	WDW	27.56	437	93.6	230/460	31	1
25	1200	324T	TEFC	EWDM4111T	6,346	WDW	30.28	605	93	230/460	32	1
	900	326T	TEFC	EWDM4116T	11,670	WDW	30.28	578	90.2	230/460	37	1, 30
	3600	286TS	TEFC	EWDM4108T	5,243	WDW	24.47	299	91.7	230/460	34	1
30	1800	286T	TEFC	EWDM4104T	4,803	WDW	27.56	437	93.6	230/460	38	1
	1200	326T	TEFC	EWDM4117T	8,181	WDW	30.28	649	93	230/460	39	1
	900	364T	TEFC	EWDM4338T	12,340	WDW	33.48	806	91.7	230/460	40	
	3600	324TS	TEFC	EWDM4109T	7,202	WDW	28.89	470	92.4	230/460	45	1
40	1800	324T	TEFC	EWDM4110T	6,283	WDW	30.28	601	94.1	230/460	48	1
	1200	364T	TEFC	EWDM4308T	10,681	WDW	33.48	910	94.1	230/460	49.8	
	900	365T	TEFC	EWDM4348T	14,189	WDW	33.48	910	91.7	230/460	52.9	
	3600	326TS	TEFC	EWDM4114T	7,547	WDW	28.77	575	93	230/460	56	1
50	1800	326T	TEFC	EWDM4115T	7,375	WDW	30.28	700	87	230/460	57	1
	1200	365T	TEFC	EWDM4312T	11,377	WDW	33.48	910	94.1	230/460	61.7	
	900	405T	TEFC	EWDM4458T	19,150	WDW	38.19	1216	92.4	230/460	64.3	
	3600	364TS	TEFC	EWDM4310T	11,474	WDW	31.35	999	93.6	230/460	66.1	
60	1800	364T	TEFC	EWDM4314T	10,826	WDW	33.48	961	95	230/460	70	
	1200	404T	TEFC	EWDM4403T	15,541	WDW	38.19	1322	94.5	230/460	69.3	
	900	405T	TEFC	EWDM4468T	20,505	WDW	38.19	1216	92.4	230/460	78.4	
	3600	365TS	TEFC	EWDM4313T	12,361	WDW	31.35	1005	94.5	230/460	80.7	
75	1800	365T	TEFC	EWDM4316T	11,770	WDW	33.48	965	95.4	230/460	86	
	1200	405T	TEFC	EWDM4404T	18,913	WDW	38.19	1322	94.5	230/460	87	
	900	444T	TEFC	EWDM4419T	25,317	WDW	44.97	1815	93.6	230/460	89.3	

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates **NEW** product.**NEW!**

NEW!

Three phase, totally enclosed, C-Face, foot mounted, washdown features

5 thru 75 Hp

IP55**Features:**

- 300 series stainless steel hardware
- Neoprene gaskets
- Double sealed ball bearings
- Lip and V-Ring seal on DE
- White epoxy, corrosion resistant finish
- Stainless steel shaft extension
- Rugged cast iron construction
- 3 year warranty

Applications:

- Food processing
- Wet environment
- Conveyors
- Packaging
- Pumps and wastewater

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
5	900	254TC	TEFC	CEWDM2280T	5,669	WDW	23.57	256	86.5	230/460	7.9	1, 30
7 1/2	900	256TC	TEFC	CEWDM2401T	6,097	WDW	23.57	320	86.5	230/460	12.1	1
10	900	284TC	TEFC	CEWDM2402T	6,915	WDW	27.56	391	89.5	230/460	14.6	1, 30
15	1200	284TC	TEFC	CEWDM4100T	5,244	WDW	27.56	447	91.7	230/460	19.4	1
	900	286TC	TEFC	CEWDM2395T	8,971	WDW	27.56	455	89.5	230/460	23	1
20	1200	286TC	TEFC	CEWDM4102T	6,847	WDW	27.56	429	91.7	230/460	26	1
	900	324TC	TEFC	CEWDM4112T	10,238	WDW	30.28	606	90.2	230/460	30	1
	3600	284TSC	TEFC	CEWDM4107T	5,075	WDW	24.57	307	91.7	230/460	29	1
25	1800	284TC	TEFC	CEWDM4103T	4,896	WDW	27.56	437	93.6	230/460	31	1
	1200	324TC	TEFC	CEWDM4111T	7,239	WDW	30.28	605	93	230/460	32	1
	900	326TC	TEFC	CEWDM4116T	12,563	WDW	30.28	606	90.2	230/460	37	1, 30
	3600	286TSC	TEFC	CEWDM4108T	6,017	WDW	24.57	299	91.7	230/460	34	1
30	1800	286TC	TEFC	CEWDM4104T	5,577	WDW	27.56	437	93.6	230/460	38	1
	1200	326TC	TEFC	CEWDM4117T	9,074	WDW	30.28	640	93	230/460	39	1
	900	364TC	TEFC	CEWDM4338T	13,311	WDW	33.48	813	91.7	230/460	40	
	3600	324TSC	TEFC	CEWDM4109T	8,095	WDW	28.89	470	92.4	230/460	45	1
40	1800	324TC	TEFC	CEWDM4110T	7,176	WDW	30.28	578	94.1	230/460	48	1
	1200	364TC	TEFC	CEWDM4308T	11,652	WDW	33.48	908	94.1	230/460	49.8	
	900	365TC	TEFC	CEWDM4348T	15,160	WDW	33.48	875	91.7	230/460	53	
	3600	326TSC	TEFC	CEWDM4114T	8,440	WDW	28.77	575	93	230/460	56	1
50	1800	326TC	TEFC	CEWDM4115T	8,268	WDW	30.28	700	94.5	230/460	58	1, 30
	1200	365TC	TEFC	CEWDM4312T	12,348	WDW	33.48	908	94.1	230/460	61.7	
	900	405TC	TEFC	CEWDM4458T	20,364	WDW	38.20	1216	92.4	230/460	64.3	
	3600	364TSC	TEFC	CEWDM4310T	12,445	WDW	31.35	999	93.6	230/460	66.1	
60	1800	364TC	TEFC	CEWDM4314T	11,797	WDW	33.48	961	95	230/460	70	
	1200	404TC	TEFC	CEWDM4403T	16,755	WDW	38.20	1322	94.5	230/460	69.3	
	900	405TC	TEFC	CEWDM4468T	21,719	WDW	38.20	1216	92.4	230/460	78.4	
	3600	365TSC	TEFC	CEWDM4313T	13,332	WDW	31.35	1005	94.5	230/460	80.7	
75	1800	365TC	TEFC	CEWDM4316T	12,741	WDW	33.48	965	95.4	230/460	86	
	1200	405TC	TEFC	CEWDM4404T	20,127	WDW	38.20	1322	94.5	230/460	87	
	900	444TC	TEFC	CEWDM4419T	26,919	WDW	44.96	1815	93.6	230/460	89.3	

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates **NEW** product.**NEW!**For more information visit baldor.com or new.abb.com/motors-generators

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

NEW!

Close-coupled pump, three phase, totally enclosed, foot mounted, washdown features

25 thru 75 Hp

IP55

Features:

- Oversized, double sealed ball bearings
- Locked DE bearing
- Neoprene gaskets
- Lip and V-Ring seal on DE
- NEMA Premium® efficiency
- White epoxy, corrosion resistant finish
- 300 series stainless steel hardware and shaft extension
- Rugged cast iron construction

Applications:

- Water pumps commercial and industrial
- Food processing
- Wet environment

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
25	3600	284JM	TEFC	JMEWDM4107T	5,157	WDW	28.44	446	91.7	230/460	30	1
	1800	284JM	TEFC	JMEWDM4103T	4,978	WDW	28.44	437	93.6	230/460	30	1
30	3600	286JM	TEFC	JMEWDM4108T	6,099	WDW	28.44	459	91.7	230/460	34	1, 30
	1800	286JM	TEFC	JMEWDM4104T	5,659	WDW	28.44	460	93.6	230/460	36	1
40	3600	324JM	TEFC	JMEWDM4109T	8,254	WDW	30.53	587	92.4	230/460	47	1
	1800	324JM	TEFC	JMEWDM4110T	7,335	WDW	30.53	600	94.1	230/460	46	1, 30
50	3600	326JM	TEFC	JMEWDM4114T	8,599	WDW	30.53	635	93	230/460	55	1
	1800	326JM	TEFC	JMEWDM4115T	8,427	WDW	30.53	700	94.5	230/460	57	1
60	3600	364TCZ	TEFC	JMEWDM4310T	12,851	WDW	33.11	999	93.6	230/460	66.1	
	1800	364TCZ	TEFC	JMEWDM4314T	12,203	WDW	33.11	961	95	230/460	70	
75	3600	365TCZ	TEFC	JMEWDM4313T	13,738	WDW	33.11	1005	94.5	230/460	80.7	
	1800	365TCZ	TEFC	JMEWDM4316T	13,147	WDW	33.11	965	95.4	230/460	86	

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates **NEW** product.

Washdown lead connection kits

Heat shrink connector kit
WD5603A01SP*Wirenut Kit
WD5600A01SP

Features:

- Heat shrink sealed closed-end connector kit (WD5603A01SP)
- Heat shrink connector kit bulk quantity (WD5603A05SP)
- Wirenut kit (WD5600A01SP)
- Provides extra protections against moisture ingress

Applications:

- Food processing
- Wet environment
- Conveyors
- Packaging
- Pumps and wastewater

Catalog Number	Description	List Price	Disc. Sym.	Wire Range	Aprx. Wt. (lb)
WD5603A01SP	Includes 6 connectors	15	SVC	#18 - #10 AWG	1
WD5603A05SP	Includes 50 connectors	60	SVC	#18 - #10 AWG	3
WD5600A01SP	Includes 6 wirenuts	35	SVC	#22 - #8 AWG	1

*WD5603A01SP is provided as standard for Food Safe stainless encapsulated motors

For more information visit baldor.com or new.abb.com/motors-generators

Explosion proof motors

Baldor-Reliance® explosion proof motors are certified for use in hazardous locations or potentially hazardous environments where concentrations of combustible gases, vapors and or dust may be present. These motors meet UL and CSA standards for use in Division based hazardous locations per NFPA70 National Electric Code and C22.1, the Canadian Electric Code.



Key features:

- Uncompromised safety
- UL Certification markings
- Premium efficient electrical designs

1/4 - 250 Horsepower

Product line		Explosion Proof	Severe Duty XP	Drill Rig Motors
Division 1 Certifications				
Class & Group	Class I, Group C & D & Class II, Group F & G	S	–	–
	Class I, Group D & Class II, Group F & G	S	–	–
	Class I, Group C & D & Class II, Group E, F & G	–	S	–
	Class I, Group C & D	–	–	S
Electrical features				
Efficiency	Baldor-Reliance® motors meet or exceed all efficiency requirements for US, Canada and Mexico regulations	S	S	S
Service factor	1.15 service factor continuous (1 Hp and larger)	S	S	S
Ambient	40°C ambient	S	–	–
	40°C ambient, suitable for 55°C ambient at 1.0 service factor	–	S	S
Inverter	Motor nameplate includes variable torque and constant torque speed ranges (1 Hp and larger)	S	S	S
Mechanical features				
Frame	Steel band frame – cast iron endplates	S	–	S
	Cast iron frame – cast iron endplates	S	S	S
Fan cover	Steel fan cover	S	–	S
	Cast iron fan cover	S	S	S
UL drains	UL listed breather drain	–	S	S

S = Standard

NEW!

Explosion proof, single phase

1/4 thru 5 Hp

**Features:**

- Robust steel and cast iron frame designs
- IP54 ingress protection
- 1.15 service factor on 143T frame and larger
- Auto thermal overload (<1 Hp), normally closed thermostats (>1 Hp)
- Threaded lead inlet
- Low noise vibration dampening bases

Applications:

- Customer specified Division 1 hazardous areas
- Pumps, fans and conveyors
- Fixed speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted													
1/4	1800	48	XL040242A	②	T3C	553	XP1	12.85	26	55	115/208-230	2.5	2
		56	XL050242A	②	T3C	528	XP1	13.22	29	62	115/208-230	2.1	2
		56	XL050245A	⑤	T3C	657	XP1	13.22	35	62	115/208-230	2.1	2
1/3	3600	48	XL040322A	②	T3C	490	XP1	12.85	32	55	115/230	3	2
		48	XL040342A	②	T3C	713	XP1	12.85	29	60	115/208-230	3	2
	1800	56	XL050342A	②	T3C	679	XP1	13.22	29	60	115/208-230	3	2
		1200	56	XL050362A	②	T4	961	XP1	14.30	41	54	115/230	3.4
1/2	3600	56	XL050522A	②	T3C	644	XP1	13.22	29	57	115/230	3.7	2
		48	XL040542A	②	T3C	784	XP1	13.85	35	64	115/208-230	3.7	2
	1800	56	XL050542A	②	T3C	748	XP1	14.22	35	64	115/208-230	3.7	2
		56	XL050545A	⑤	T3C	877	XP1	14.22	40	64	115/208-230	3.7	2
		1200	56	XL050562A	②	T4	1,107	XP1	15.17	50	59	115/230	4
	3600	56	XL050722A	②	T4	726	XP1	14.30	40	62	115/230	4.9	2
3/4	1800	56	XL050742A	②	T4	879	XP1	15.17	47	66	115/230	5.3	2
		56	XL050745A	⑤	T4	1,008	XP1	15.17	53	66	115/230	5.3	2
	1200	56	XL050762	②	T2C	1,280	XP1	17.42	57	68	115/208-230	5.4	2
		3600	56	XL05122A	②	T4	784	XP1	15.17	48	66	115/230	6
1	1800	56	XL05142A	②	T2C	1,001	XP1	15.17	48	67	115/230	6.5	2
		143T	XL14142T	②	T2C	980	XP1	15.23	46	72	115/208-230	5.9	
	1200	184	XL18162	②	T3C	2,193	XP1	16.92	83	67	115/208-230	7	
1 1/2	3600	143T	XL141522T	②	T3C	1,136	XP1	15.23	54	70	115/208-230	7.5	
	1800	184	XL181542	②	T3C	2,036	XP1	16.92	77	70	115/230	9.5	
2	3600	145T	XL14222T	②	T3C	1,404	XP1	16.11	57	74	115/208-230	11.5	
	1800	182T	XL18242T	②	T2C	2,063	XP1	17.42	84	75	115/230	11	
3	3600	184T	XL18322T	②	T2C	2,144	XP1	17.42	84	76	115/230	14.5	
	1800	215	XL21342	②	T3C	3,257	XP1	19.49	152	79	115/230	15	
5	1800	215	XL21542	②	T2C	4,143	XP1	19.90	166	84	230	21	
C-Face, foot mounted													
1/3	1800	56C	CXL050342A	②	T3C	827	XP1	13.22	30	60	115/208-230	3	2
1/2	3600	56C	CXL050522A	②	T3C	726	XP1	13.22	35	57	115/230	3.7	2
	1800	56C	CXL050542A	②	T3C	828	XP1	14.22	36	64	115/208-230	3.7	2
3/4	1800	56C	CXL050742A	②	T4	924	XP1	15.17	49	66	115/230	5.3	2
1	3600	56C	CXL05122A	②	T4	824	XP1	15.17	50	66	115/230	6	2
	1800	56C	CXL05142A	②	T2C	1,049	XP1	15.17	49	67	115/230	6.5	2
1 1/2	3600	143TC	CXL141522T	②	T3C	1,291	XP1	15.23	53	70	115/208-230	7.5	
	1800	184C	CXL181542	②	T3C	2,095	XP1	16.93	83	70	115/230	9.5	
2	3600	143TC	CXL14222T	②	T3C	1,476	XP1	16.10	60	74	115/208-230	11.5	
	1800	182TC	CXL18242T	②	T2C	2,162	XP1	18.86	99	75	115/230	11	

(a) See notes on inside back flap. **Red** catalog number indicates **NEW** product.

② = Class I, Group D, Class II, Group F & G

⑤ = Class I, Group C & D, Class II, Group F & G

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter Duty explosion-proof motors must be used.

NEW!For more information visit baldor.com or new.abb.com/motors-generators

NEW!**Explosion proof, single phase**

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face, foot mounted (continued)													
3	3600	184TC	CXL18322T	②	T2C	2,187	XP1	18.86	100	76	115/230	14.5	
	1800	215C	CXL21342	②	T2C	3,355	XP1	19.56	154	79	115/230	15	
5	1800	215C	CXL21542	②	T2C	4,271	XP1	20.69	170	84	230	21	
C-Face, footless													
1/4	1800	56C	VXL050242A	②	T3C	732	XP1	13.22	29	62	115/208-230	2.1	2
	3600	56C	VXL050322A	②	T3C	557	XP1	13.22	34	57	115/230	3.5	2
1/3	1800	56C	VXL050342A	②	T3C	748	XP1	13.22	34	60	115/208-230	3	2
	1200	56C	VXL050362A	②	T4	1,002	XP1	14.30	42	54	115/230	3.4	2
1/2	3600	56C	VXL050522A	②	T3C	721	XP1	13.22	28	57	115/230	3.7	2
	1800	56C	VXL050542A	②	T3C	826	XP1	14.22	37	64	115/208-230	3.7	2
	1200	56C	VXL050562A	②	T4	1,149	XP1	15.17	51	59	115/230	4	2
	3600	56C	VXL050722A	②	T4	771	XP1	14.30	40	62	115/230	4.9	2
3/4	1800	56C	VXL050742A	②	T4	920	XP1	15.17	48	66	115/230	5.3	2
	3600	56C	VXL05122A	②	T4	826	XP1	15.17	48	66	115/230	6	2
1	1800	56C	VXL05142A	②	T2C	1,045	XP1	15.17	52	67	115/230	6.5	2
	3600	56C	VXL051522	②	T3C	1,189	XP1	15.17	51	70	115/208-230	7.5	2
1 1/2	1800	56C	VXL051542A	②	T2C	1,379	XP1	17.42	76	75	115/230	8	2
	2	1800	184C	VXL18242	②	T2C	2,194	XP1	18.43	90	115/208-230	11	

(a) See notes on inside back flap.

② = Class I, Group D, Class II, Group F & G

⑤ = Class I, Group C & D, Class II, Group F & G

Red catalog number indicates **NEW** product.

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter Duty explosion-proof motors must be used.

NEW!

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

NEW!

Explosion proof, foot mounted, three phase, 230/460 and 575 volts 1/4 thru 60 Hp

**Features:**

- Robust steel and cast iron frame designs
- IP54 ingress protection
- 1.15 service factor on 1 Hp and larger
- Inverter Duty on 1 Hp and larger
- Auto thermal overload (<1 Hp), normally closed thermostats (>1 Hp)
- Threaded lead inlet
- Low noise vibration dampening bases

Applications:

- Customer specified Division 1 hazardous areas
- Pumps, fans and conveyors
- Fixed and variable speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460V													
1/4	1800	48	XM040242A	②	T3C	575	XPM	12.85	25	63	208-230/460	0.7	2, 38
1/3	1800	56	XM050342A	②	T3C	691	XPM	13.22	27	67	208-230/460	0.8	2, 38
	1200	56	XM050362A	②	T4	992	XPM	14.30	34	70	208-230/460	0.8	2, 38
	3600	56	XM050522A	②	T3C	792	XPM	13.22	27	68	208-230/460	1.1	2, 38
1/2	1800	48	XM040542A	②	T3C	719	XPM	12.85	30	74	208-230/460	1	2, 38
		56	XM050542A	②	T3C	719	XPM	13.22	29	74	208-230/460	1	2, 38
	1200	56	XM050562A	②	T4	1,047	XPM	14.30	39	70	208-230/460	1.2	2, 38
3/4	3600	56	XM050722A	②	T3C	825	XPM	13.22	29	75	208-230/460	1.3	2, 38
	1800	56	XM050742A	②	T3C	828	XPM	14.22	33	73	208-230/460	1.5	2, 38
		56	XM050762A	②	T4	1,112	XPM	15.17	43	77	208-230/460	1.4	2, 38
	1200	143T	XM140762TA	②	T4	1,112	XPM	15.23	47	77	208-230/460	1.4	2, 38
	3600	56	XM05122	②	T3C	1,337	XPM	14.22	32	77	230/460	1.4	
1		56	XM05142	②	T3C	1,439	XPM	14.30	50	85.5	230/460	1.5	
	1800	143T	XM14142T	②	T3C	1,439	XPM	14.34	50	85.5	230/460	1.5	
		182	XM18142	②	T3C	1,519	XPM	15.23	51	85.5	230/460	1.5	
		56	XM05162	②	T3C	1,804	XPM	15.17	49	82.5	230/460	1.8	
	1200	145T	XM14162T	②	T3C	1,804	XPM	15.21	46	82.5	230/460	1.8	
1 1/2	3600	143T	XM141522T	②	T3C	1,414	XPM	14.34	47	84	230/460	1.9	
		56	XM051542	②	T3C	1,461	XPM	15.17	46	86.5	230/460	2.2	
	1800	145T	XM141542T	②	T3C	1,461	XPM	15.21	46	86.5	230/460	2.2	
	1200	182T	XM181562T	②	T3C	2,167	XPM	18.93	102	87.5	230/460	2.4	
	3600	143T	XM14222T	②	T3C	1,652	XPM	15.21	46	85.5	230/460	2.5	
2		56	XM05242	②	T3C	1,499	XPM	16.04	53	86.5	230/460	2.7	
	1800	145T	XM14242T	②	T3C	1,499	XPM	16.09	59	86.5	230/460	2.7	
	1200	184T	XM18262T	②	T3C	2,350	XPM	19.74	100	88.5	230/460	3.5	
	3600	182T	XM18322T	②	T3C	1,995	XPM	17.42	80	86.5	230/460	3.7	
3	1800	182T	XM18342T	②	T3C	1,597	XPM	18.93	102	89.5	230/460	4.2	
	1200	213T	XM21362T	②	T3C	2,656	XPM	19.32	139	89.5	230/460	4.6	
	3600	184T	XM18522T	②	T3C	2,339	XPM	18.93	91	89.5	230/460	5.6	
5	1800	184T	XM18542T	②	T3C	1,896	XPM	19.74	118	89.5	230/460	6.7	
	1200	215T	XM21562T	②	T3C	2,948	XPM	20.82	184	89.5	230/460	7.2	
	3600	213T	XM21722T	②	T3C	2,698	XPM	18.19	125	89.5	230/460	8.7	
7 1/2	1800	213T	XM21742T	②	T3C	2,404	XPM	19.32	161	91.7	230/460	9.4	
	1200	254T	XM25762T	②	T3C	3,396	XPM	25.50	374	91	230/460	11	
	3600	215T	XM21122T	②	T3C	2,831	XPM	18.19	122	90.2	230/460	11.6	
10	1800	215T	XM21142T	②	T3C	3,308	XPM	20.82	189	91.7	230/460	12	
	1200	256T	XM25162T	②	T3C	4,083	XPM	25.50	400	91	230/460	15	

(a) See notes on inside back flap.

■ Cast iron frame

Red catalog number indicates **NEW** product.

② = Class I, Group D, Class II, Group F & G

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain.

NEW!

NEW!**Explosion proof, foot mounted, three phase, 230/460 and 575 volts**

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460V (continued)													
15	3600	254T	XM251522T	②	T3C	3,201	XPM	25.50	349	91	230/460	17	
	1800	254T	XM251542T	②	T3C	3,751	XPM	25.50	373	92.4	230/460	18	
	1200	284T	XM281562T	②	T3C	6,581	XPM	28.61	478	91.7	230/460	21	
20	3600	256T	XM25222T	②	T3C	4,105	XPM	25.50	390	91	230/460	22	
	1800	256T	XM25242T	②	T3C	4,860	XPM	25.50	335	93	230/460	24	
	1200	286T	XM28262T	②	T3C	6,757	XPM	28.61	539	91.7	230/460	27	
25	3600	284TS	XM282522T	②	T3C	5,463	XPM	27.24	507	91.7	230/460	28.5	
	1800	284T	XM282542T	②	T3C	5,896	XPM	28.61	537	93.6	230/460	31	
	1200	324T	XM322562T	②	T3C	8,449	XPM	32.00	737	93	230/460	32	
30	3600	286TS	XM28322T	②	T3C	6,421	XPM	27.24	528	91.7	230/460	33	
	1800	286T	XM28342T	②	T3C	7,188	XPM	28.61	554	93.6	230/460	36	
	1200	326T	XM32362T	②	T3C	9,321	XPM	32.00	766	93	230/460	39	
40	3600	324TS	XM32422T	②	T3C	8,565	XPM	30.50	630	92.4	230/460	46	
	1800	324T	XM32442T	②	T3C	9,633	XPM	32.00	713	94.1	230/460	48	
	1200	364T	XM36462T	②	T3C	10,803	XPM	33.44	915	94.1	230/460	47.2	
50	3600	326TS	XM32522T	②	T3C	10,967	XPM	30.50	745	93	230/460	56	
	1800	326T	XM32542T	②	T3C	11,182	XPM	32.00	764	94.5	230/460	58	
	1200	365T	XM36562T	②	T4	12,193	XPM	33.44	918	94.1	230/460	60.1	
60	1800	364T	XM36642T	②	T4	12,508	XPM	33.44	972	95	230/460	68	
575V													
1/2	1800	56	XM050542-5	②	T3C	719	XPM	14.30	34	78.5	575	0.7	
3/4	1800	56	XM050742-5	②	T3C	828	XPM	14.30	37	76	575	1.2	
1	3600	56	XM05122-5	②	T3C	1,337	XPM	14.22	33	77	575	1.2	
	1800	56	XM05142-5	②	T3C	1,439	XPM	14.30	50	85.5	575	1.2	
		143T	XM14142T-5	②	T3C	1,439	XPM	14.34	50	85.5	575	1.2	
1 1/2	3600	143T	XM141522T-5	②	T3C	1,414	XPM	14.36	45	84	575	1.5	
	1800	145T	XM141542T-5	②	T3C	1,461	XPM	15.21	46	86.5	575	1.8	
2	3600	145T	XM14222T-5	②	T3C	1,652	XPM	15.21	55	85.5	575	2	
	1800	145T	XM14242T-5	②	T3C	1,499	XPM	15.21	48	86.5	575	2.3	
3	1800	182T	XM18342T-5	②	T3C	1,597	XPM	18.93	102	89.5	575	3.3	
5	3600	184T	XM18522T-5	②	T3C	2,339	XPM	18.12	85	88.5	575	4.7	
	1800	184T	XM18542T-5	②	T3C	1,896	XPM	19.74	97	89.5	575	5.3	
7 1/2	1800	213T	XM21742T-5	②	T3C	2,404	XPM	19.32	161	91.7	575	7.6	

(a) See notes on inside back flap.

② = Class I, Group D, Class II, Group F & G

■ Cast iron frame

Red catalog number indicates **NEW** product.

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain.

NEW!

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

NEW!

Explosion proof, C-Face, three phase, 230/460 and 575 volts 1/4 thru 40 Hp

**Features:**

- Robust steel and cast iron frame designs
- IP54 ingress protection
- 1.15 service factor on 1 Hp and larger
- Inverter Duty on 1 Hp and larger
- Auto thermal overload (<1 Hp), normally closed thermostats (>1 Hp)
- Threaded lead inlet

Applications:

- Customer specified Division 1 hazardous areas
- Pumps, blowers, valves, gearboxes
- Fixed and variable speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460V, C-Face, foot mounted													
1/3	1800	56C	CXM050342	②	T3C	747	XPM	14.3	43	80	230/460	0.55	
	3600	56C	CXM050522A	②	T3C	848	XPM	13.22	27	68	208-230/460	1.1	2, 38
1/2	1800	56C	CXM050542A	②	T3C	775	XPM	13.22	30	74	208-230/460	1	2, 38
	3600	56C	CXM050542	②	T3C	775	XPM	14.3	39	82.5	230/460	0.8	
3/4	3600	56C	CXM050722A	②	T3C	881	XPM	13.22	29	75	208-230/460	1.3	2, 38
	1800	56C	CXM050742A	②	T3C	884	XPM	14.22	34	73	208-230/460	1.5	2, 38
1	3600	56C	CXM050742	②	T3C	884	XPM	14.3	43	84	230/460	1.1	
	3600	56C	CXM05122	②	T3C	1,393	XPM	14.22	32	77	230/460	1.4	
1	1800	56C	CXM05142	②	T3C	1,495	XPM	14.3	42	85.5	230/460	1.5	
	3600	143TC	CXM14142T	②	T3C	1,503	XPM	14.36	45	85.5	230/460	1.5	
1 1/2	3600	143TC	CXM141522T	②	T3C	1,478	XPM	14.36	45	84	230/460	1.9	
	1800	56C	CXM051542	②	T3C	1,517	XPM	15.17	50	86.5	230/460	2.2	
2	3600	145TC	CXM141542T	②	T3C	1,525	XPM	15.23	52	86.5	230/460	2.2	
	3600	143TC	CXM14222T	②	T3C	1,716	XPM	15.23	53	85.5	230/460	2.4	
2	1800	56C	CXM05242	②	T3C	1,555	XPM	15.17	55	86.5	230/460	2.9	
	3600	145TC	CXM14242T	②	T3C	1,563	XPM	16.1	56	86.5	230/460	2.9	
3	3600	182TC	CXM18322T	②	T3C	2,059	XPM	18.86	94	86.5	230/460	3.7	
	1800	182TC	CXM18342T	②	T3C	1,912	XPM	18.86	97	89.5	230/460	4.2	
5	3600	184TC	CXM18522T	②	T3C	2,654	XPM	18.86	101	88.5	230/460	5.9	
	1800	184TC	CXM18542T	②	T3C	2,211	XPM	19.55	119	89.5	230/460	6.7	
7 1/2	3600	213TC	CXM21722T	②	T3C	3,039	XPM	20.33	166	89.5	230/460	9	
	1800	213TC	CXM21742T	②	T3C	2,745	XPM	21.08	161	91.7	230/460	9.5	
10	3600	215TC	CXM21122T	②	T3C	3,172	XPM	20.65	235	90.2	230/460	11.8	
	1800	215TC	CXM21142T	②	T3C	3,649	XPM	20.65	249	91.7	230/460	12.2	
15	3600	254TC	CXM251522T	②	T3C	3,839	XPM	26	357	91	230/460	17.5	
	1800	254TC	CXM251542T	②	T3C	4,389	XPM	26	376	92.4	230/460	18	
20	3600	256TC	CXM25222T	②	T3C	4,743	XPM	26	369	91	230/460	23	
	1800	256TC	CXM25242T	②	T3C	5,498	XPM	26	376	93	230/460	24	
25	1800	284TC	CXM282542T	②	T3C	6,719	XPM	28.61	647	93.6	230/460	31	
30	1800	286TC	CXM28342T	②	T3C	8,011	XPM	28.61	552	93.6	230/460	36	
40	1800	324TC	CXM32442T	②	T3C	10,606	XPM	32	699	94.1	230/460	48	
230/460V, C-Face, footless													
1/4	1800	56C	VXM050242A	②	T3C	631	XPM	13.22	25	63	208-230/460	0.7	2, 38
1/3	1800	56C	VXM050342A	②	T3C	747	XPM	13.22	27	67	208-230/460	0.8	2, 38
	3600	56C	VXM050522A	②	T3C	848	XPM	13.22	26	68	208-230/460	1.1	2, 38
1/2	1800	56C	VXM050542A	②	T3C	775	XPM	13.22	29	74	208-230/460	1	2, 38
	1200	56C	VXM050562A	②	T4	1,103	XPM	14.30	39	70	208-230/460	1.2	2, 38

(a) See notes on inside back flap.  Cast iron frame **Red** catalog number indicates **NEW** product.

② = Class I, Group D, Class II, Group F & G

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain.

NEW!

For more information visit baldor.com or new.abb.com/motors-generators

NEW!**Explosion proof, C-Face, three phase, 230/460 and 575 volts**

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460V, C-Face, footless (continued)													
3/4	3600	56C	VXM050722A	②	T3C	881	XPM	13.22	28	75	208-230/460	1.3	2, 38
	1800	56C	VXM050742A	②	T3C	884	XPM	14.22	33	73	208-230/460	1.5	2, 38
	1200	56C	VXM050762A	②	T4	1,168	XPM	15.17	47	77	208-230/460	1.4	2, 38
1	3600	56C	VXM05122	②	T3C	1,393	XPM	14.22	32	77	230/460	1.4	
	1800	56C	VXM05142	②	T3C	1,495	XPM	14.30	51	85.5	230/460	1.5	
		143TC	VXM14142T	②	T3C	1,503	XPM	14.33	51	85.5	230/460	1.5	
	1200	56C	VXM05162	②	T3C	1,860	XPM	15.17	49	82.5	230/460	1.8	
1 1/2	3600	143TC	VXM141522T	②	T3C	1,478	XPM	14.33	47	84	230/460	1.9	
	1800	56C	VXM051542	②	T3C	1,517	XPM	15.17	50	86.5	230/460	2.2	
		145TC	VXM141542T	②	T3C	1,525	XPM	15.21	50	86.5	230/460	2.2	
	1200	145TC	VXM141562T	②	T2C	2,482	XPM	18.42	102	87.5	230/460	2.4	
2	3600	143TC	VXM14222T	②	T3C	1,716	XPM	15.21	55	85.5	230/460	2.5	
	1800	56C	VXM05242	②	T3C	1,555	XPM	15.17	59	86.5	230/460	2.9	
		145TC	VXM14242T	②	T3C	1,563	XPM	15.21	59	86.5	230/460	2.9	
3	3600	182TC	VXM18322T	②	T3C	2,310	XPM	17.49	80	86.5	230/460	3.7	
	1800	182TC	VXM18342T	②	T3C	1,912	XPM	18.86	108	89.5	230/460	4.2	
5	3600	184TC	VXM18522T	②	T3C	2,654	XPM	18.06	93	88.5	230/460	5.9	
	1800	184TC	VXM18542T	②	T3C	2,211	XPM	19.56	118	89.5	230/460	6.7	
7 1/2	3600	213TC	VXM21722T	②	T3C	3,039	XPM	19.19	149	89.5	230/460	9	
	1800	213TC	VXM21742T	②	T3C	2,745	XPM	20.32	161	91.7	230/460	9.5	
10	1800	215TC	VXM21142T	②	T3C	3,649	XPM	20.65	249	91.7	230/460	12.2	
575V, C-Face, footless													
1/2	1800	56C	VXM050542-5	②	T3C	775	XPM	14.30	37	78.5	575	0.7	
3/4	1800	56C	VXM050742-5	②	T3C	884	XPM	14.30	38	76	575	1.2	
1	1800	56C	VXM05142-5	②	T3C	1,495	XPM	14.30	42	85.5	575	1.2	
		143TC	VXM14142T-5	②	T3C	1,503	XPM	14.33	44	85.5	575	1.2	
1 1/2	1800	145TC	VXM141542T-5	②	T3C	1,525	XPM	15.21	50	86.5	575	1.8	
2	1800	145TC	VXM14242T-5	②	T3C	1,563	XPM	15.21	54	86.5	575	2.3	
3	1800	182TC	VXM18342T-5	②	T3C	1,912	XPM	18.86	95	89.5	575	3.3	
5	1800	184TC	VXM18542T-5	②	T3C	2,211	XPM	20.36	110	89.5	575	5.3	
7 1/2	1800	213TC	VXM21742T-5	②	T3C	2,745	XPM	20.32	161	91.7	575	7.6	

(a) See notes on inside back flap.

② = Class I, Group D, Class II, Group F & G

Red catalog number indicates **NEW** product.

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain.

NEW!For more information visit baldor.com or new.abb.com/motors-generators

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

NEW!**Explosion proof, brake, three phase**

1/2 thru 5 Hp

**Features:**

- Robust steel and cast iron frame designs
- 1.15 service factor
- Inverter Duty
- C-Face, foot mounted as standard
- Spring set brake, power off operation manual brake release
- Brake resets automatically
- External, separately wired brake
- Normally closed thermostats
- Threaded lead inlet

Applications:

- Customer specified Division 1 hazardous areas
- Stopping and holding brake motor
- Fixed and variable speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating lb.-ft.	Notes (a)
1/2	1800	56C	CBXMN050542	②	T3C	3,306	XPB	19.44	95	80	208-230/460	0.8	3	60
3/4	1800	56C	CBXMN050742	②	T2C	3,682	XPB	19.13	93	78.5	208-230/460	1.4	6	60
1	1800	143TC	CBXMN14142T	②	T3C	4,881	XPB	20.37	99	87.5	230/460	1.5	6	60
2	1800	182TC	CBXMN18242T	②	T3C	5,908	XPB	23.24	145	86.5	230/460	3	10	60
3	1800	182TC	CBXM18342T	②	T3C	6,217	XPB	27.20	240	89.5	230/460	12	15	
5	1800	184TC	CBXM18542T	②	T3C	7,489	XPB	30.83	289	89.5	230/460	13	25	

(a) See notes on inside back flap.  Cast iron frame **Red** catalog number indicates **NEW** product.

② = Class I, Group D, Class II, Group F & G Ingress protection of IP55 is available as custom

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain.

Please note that only the motor can be connected to adjustable speed drive. Brake is to be supplied with sinusoidal power only.

Explosion proof, close coupled pump, three phase

3 thru 10 Hp

**Features:**

- NEMA JM pump mounting
- IP54 ingress protection
- 1.15 service factor
- Inverter Duty
- Steel band frame, cast iron endplates
- Oversized ball bearings, locked DE
- Normally closed thermostats
- Threaded lead inlet

Applications:

- Customer specified Division 1 hazardous areas
- Wastewater
- Industrial pumps
- Fixed and variable speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
3	3600	143JM	JMXM14321T	①	T3C	2,260	XPP	18.67	72	86.5	230/460	3.6	2, 38
		182JM	JMXM18322T	②	T3C	2,443	XPP	18.98	90	86.5	230/460	3.7	
5	3600	184JM	JMXM18522T	②	T3C	2,787	XPP	20.36	112	88.5	230/460	5.9	
7 1/2	3600	184JM	JMXM18721T	①	T2C	3,146	XPP	21.86	120	89.5	230/460	8.4	2, 38
		213JM	JMXM21722T	②	T3C	3,283	XPP	20.05	170	89.5	230/460	9	
10	3600	215JM	JMXM21122T	②	T3C	3,416	XPP	20.05	175	90.2	230/460	11.8	

(a) See notes on inside back flap. **Red** catalog number indicates **NEW** product.

① = Class I, Group D ② = Class I, Group D, Class II, Group F & G

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain.

NEW!

NEW!**Explosion proof, jet pump, single and three phase**

1/2 thru 2 Hp

**Features:**

- NEMA 56J jet pump mounting
- IP54 ingress protection
- 1.15 service factor (1 Hp and larger)
- Three phase Inverter Duty
- Steel band frame, cast iron endplates
- Oversized ball bearings, locked DE
- Auto thermal overload (< 1 Hp), normally closed thermostats (>1 Hp)
- Threaded lead inlet

Applications:

- Customer specified Division 1 hazardous areas
- Wastewater
- Industrial pumps
- Fixed and variable speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Single Phase													
1/2	3600	56J	JXL050522A	②	T4	843	XPP	14.79	37	55	115/230	3.9	2, 38
3/4	3600	56J	JXL050722A	②	T4	925	XPP	15.68	37	62	115/230	4.9	2, 38
1	3600	56J	JXL05122A	②	T4	983	XPP	15.68	49	66	115/230	6	2, 38
1 1/2	3600	56J	JXL051522	②	T3C	1,335	XPP	15.68	52	70	115/208-230	7.5	38
2	3600	56J	JXL05222	②	T3C	1,603	XPP	16.56	60	74	115/208-230	11.5	38
Three Phase													
1	3600	56J	JXM05122	②	T3C	1,536	XPP	14.72	32	77	230/460	1.4	
1 1/2	3600	56J	JXM051522	②	T3C	1,613	XPP	14.79	47	84	230/460	1.9	
2	3600	56J	JXM05222	②	T3C	1,851	XPP	15.67	55	85.5	230/460	2.5	

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

② = Class I, Group D, Class II, Group F & G

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain.

NEW!For more information visit baldor.com or new.abb.com/motors-generators

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

NEW!**Explosion proof, 50 Hz, single and three phase**

1/3 thru 1 Hp

**Features:**

- Steel band frame, cast iron endplates
- IP54 ingress protection
- 1.15 service factor on three phase
- Auto thermal overload (<1 Hp), normally closed thermostats (>1 Hp)
- Threaded lead inlet

Applications:

- Customer specified Division 1 hazardous areas
- Pumps, blowers, valves, gearboxes
- Fixed speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Single Phase													
1/3	1800	56C	CXL050342A-50	②	T3C	952	XP1	14.22	35	59.5	110/220	2.6	2, 38
1/2	1800	56C	CXL050542A-50	②	T3C	953	XP1	15.22	45	62	110/220	3.6	2, 38
3/4	1800	56C	CXL050742A-50	②	T4	1,063	XP1	15.17	52	70	110/220	4.8	2, 38
1	1800	56C	CXL05142-50	②	T3C	1,207	XP1	16.05	56	68	110/220	6.2	38
Three Phase													
1/2	1800	56C	CXM050542-57	②	T3C	892	XPM	14.22	36	73	230/400	1	38
3/4	1800	56C	CXM050742-57	②	T3C	1,017	XPM	15.22	42	75.5	230/400	1.7	38
1	1800	56C	CXM05142-57	②	T3C	1,720	XPM	15.22	45	74	230/400	2	38

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

② = Class I, Group D, Class II, Group F & G

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter Duty explosion-proof motors must be used.

NEW!For more information visit baldor.com or new.abb.com/motors-generators

NEW!**Explosion proof, severe duty, three phase**

1 thru 250 Hp

**Features:**

- All cast iron construction
- IP55 thru 320 frame, IP66 360 frame and larger.
- Inverter Duty
- 1.15 SF, Class F insulation, 40°C ambient
- Suitable for 55°C ambient at 1.0 SF
- Group E, brass labyrinth shaft slingers
- Normally closed thermostats
- Threaded lead inlet
- UL breather drains

Applications:

- Customer specified Division 1 hazardous areas
- Chemical, oil & gas
- Pulp & paper
- Wastewater
- Fixed and variable speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted													
1	1800	143T	CPX14146T	Ⓔ	T3C	1,583	XSM	16.66	80	85.5	230/460	1.5	10, 19
1 1/2	1800	145T	CPX141546T	Ⓔ	T3C	1,608	XSM	16.66	62	86.5	230/460	2.3	19
2	1800	145T	CPX14246T	Ⓔ	T3C	1,649	XSM	16.66	120	86.5	230/460	2.9	19
3	3600	182T	CPX18326T	Ⓔ	T3C	2,195	XSM	17.59	127	89.5	230/460	4.1	10, 19
	1800	182T	CPX18346T	Ⓔ	T3C	1,757	XSM	17.59	127	89.5	230/460	4.1	19
	1200	213T	CPX21366T	Ⓔ	T3C	2,951	XSM	20.02	221	89.5	230/460	4.5	10, 19
5	3600	184T	CPX18526T	Ⓔ	T3C	2,573	XSM	17.59	150	88.5	230/460	5.5	19, 35
	1800	184T	CPX18546T	Ⓔ	T3C	2,086	XSM	17.59	125	89.5	230/460	6.6	19
	1200	215T	CPX21566T	Ⓔ	T3C	3,275	XSM	20.02	245	89.8	230/460	7.1	10, 19
7 1/2	3600	213T	CPX21726T	Ⓔ	T3C	2,968	XSM	20.02	171	91.7	230/460	8.6	10, 19
	1800	213T	CPX21746T	Ⓔ	T3C	2,645	XSM	20.02	228	91.7	230/460	10	19, 35
	1200	254T	CPX25766T	Ⓔ	T3C	3,736	XSM	25.75	374	91	230/460	11	10, 19, 35, 47
10	3600	215T	CPX21126T	Ⓔ	T3C	3,115	XSM	20.02	174	90.2	230/460	11	19
	1800	215T	CPX21146T	Ⓔ	T3C	3,639	XSM	20.02	252	91.7	230/460	13	19, 35
	1200	256T	CPX25166T	Ⓔ	T3C	4,492	XSM	25.75	400	91	230/460	15	10, 19, 35, 47
15	3600	254T	CPX251526T	Ⓔ	T3C	3,522	XSM	25.75	349	91	230/460	17	10, 19, 35, 47
	1800	254T	CPX251546T	Ⓔ	T3C	4,127	XSM	25.75	373	92.4	230/460	18	19, 35, 47
	1200	284T	CPX281566T	Ⓔ	T3C	7,240	XSM	28.74	478	91.7	230/460	21	10, 19, 35, 47
20	3600	256T	CPX25226T	Ⓔ	T3C	4,816	XSM	25.75	390	91	230/460	22	19, 35, 47
	1800	256T	CPX25246T	Ⓔ	T3C	5,346	XSM	25.75	336	93	230/460	24	19, 35, 47
	1200	286T	CPX28266T	Ⓔ	T3C	7,433	XSM	28.74	475	91.7	230/460	25	10, 19, 47
25	3600	284TS	CPX282526T	Ⓔ	T3C	6,210	XSM	27.24	445	91.7	230/460	29	10, 19, 47
	1800	284T	CPX282546T	Ⓔ	T3C	6,486	XSM	28.67	506	93.6	230/460	31	19, 35
	1200	324T	CPX322566T	Ⓔ	T3C	9,294	XSM	32.24	619	93	230/460	32	10, 19, 35, 47
30	3600	286TS	CPX28326T	Ⓔ	T3C	7,564	XSM	27.24	495	91.7	230/460	33	10, 19, 47
	1800	286T	CPX28346T	Ⓔ	T3C	7,907	XSM	28.67	461	93.6	230/460	36	19, 35
	1200	326T	CPX32366T	Ⓔ	T3C	10,254	XSM	32.24	647	93	230/460	39	10, 19, 35, 47
40	3600	324TS	CPX32426T	Ⓔ	T3C	9,422	XSM	30.50	593	92.4	230/460	45	10, 19, 35, 47
	1800	324T	CPX32446T	Ⓔ	T3C	10,597	XSM	32.24	605	94.1	230/460	48	10, 19, 35, 47
	1200	364T	CPX36466T	Ⓔ	T3C	11,884	XSM	33.48	908	94.1	230/460	51	10, 35
50	3600	326TS	CPX32526T	Ⓔ	T3C	12,064	XSM	30.50	648	93	230/460	56	10, 19, 35, 47
	1800	326T	CPX32546T	Ⓔ	T3C	12,301	XSM	32.24	790	94.5	230/460	59	19, 35, 47
	1200	365T	CPX36566T	Ⓔ	T3C	13,413	XSM	33.48	908	94.1	230/460	62	10

(a) See notes on inside back flap.

Ⓔ = Class I, Group C & D, Class II, Group E, F & G

Cast iron frame

Red catalog number indicates **NEW** product.

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain.

NEW!For more information visit baldor.com or new.abb.com/motors-generators

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

NEW!**Explosion proof, severe duty, three phase**

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted (continued)													
60	3600	364TS	CPX36626T	⑥	T3C	13,695	XSM	31.35	999	93.6	230/460	65	10
	1800	364T	CPX36646T	⑥	T3C	13,759	XSM	33.48	910	95	230/460	68	
	1200	404T	CPX40666T	⑥	T3C	16,964	XSM	38.22	1322	94.5	230/460	69	10
75	3600	365TS	CPX36726T	⑥	T3C	14,283	XSM	31.35	1005	93.6	230/460	82	10
	1800	365T	CPX36746T	⑥	T3C	15,134	XSM	33.48	965	95.4	230/460	86	
	1200	405T	CPX40766T	⑥	T3C	17,570	XSM	38.22	1375	94.5	230/460	84	10
100	1800	405T	CPX40146T	⑥	T3C	17,576	XSM	38.22	1326	95.4	230/460	112	
	1200	444T	CPX44166T	⑥	T3C	20,869	XSM	44.97	1800	95	230/460	116	10
	125	1800	444T	⑥	T3C	21,217	XSM	44.97	1669	95.4	460	144	10
150	1800	445T	CPX441546T	⑥	T3C	23,711	XSM	44.97	1826	95.8	460	169	10
200	1800	447T	CPX44246T	⑥	T3C	32,808	XSM	48.47	2676	96.2	460	222	10
250	1800	449T	CPX442546T	⑥	T3C	39,370	XSM	53.47	3027	96.2	460	271	10
C-Face, foot mounted													
3	3600	182TC	CCPX18326T	⑥	T3C	2,510	XSM	18.33	127	86.5	230/460	3.8	10, 19
	1800	182TC	CCPX18346T	⑥	T3C	2,072	XSM	18.33	111	89.5	230/460	4.1	19
	1200	213TC	CCPX21366T	⑥	T3C	3,292	XSM	20.77	221	89.5	230/460	4.5	10, 19, 47
5	3600	184TC	CCPX18526T	⑥	T3C	2,888	XSM	18.33	122	88.5	230/460	5.5	10, 19, 35
	1800	184TC	CCPX18546T	⑥	T3C	2,401	XSM	18.33	123	89.5	230/460	6.6	19
	3600	213TC	CCPX21726T	⑥	T3C	3,309	XSM	20.77	169	90.7	230/460	9	10, 19, 47
7 1/2	1800	213TC	CCPX21746T	⑥	T3C	2,986	XSM	20.77	228	91.7	230/460	10	19, 35, 47
	1200	254TC	CCPX25766T	⑥	T3C	4,374	XSM	25.94	322	91	230/460	11	10, 19, 35
	3600	215TC	CCPX21126T	⑥	T3C	3,456	XSM	20.77	174	90.2	230/460	12	10, 19, 47
10	1800	215TC	CCPX21146T	⑥	T3C	3,980	XSM	20.77	252	91.7	230/460	13	19, 35, 47
	1200	256TC	CCPX25166T	⑥	T3C	5,130	XSM	25.94	335	91	230/460	14	10, 19, 35
	3600	254TC	CCPX251526T	⑥	T3C	4,160	XSM	25.94	270	91	230/460	17	10, 19, 35
15	1800	254TC	CCPX251546T	⑥	T3C	4,765	XSM	25.94	302	92.4	230/460	18	19, 35
	1200	284TC	CCPX281566T	⑥	T3C	8,063	XSM	28.61	438	91.7	230/460	21	10, 19, 35, 47
	3600	256TC	CCPX25226T	⑥	T3C	5,454	XSM	25.94	314	91	230/460	22	10, 19, 35
20	1800	256TC	CCPX25246T	⑥	T3C	5,984	XSM	25.94	335	93	230/460	24	10, 19, 35
	1200	286TC	CCPX28266T	⑥	T3C	8,256	XSM	28.61	459	91.7	230/460	25	10, 19, 47
	3600	284TSC	CCPX282526T	⑥	T3C	7,033	XSM	27.24	525	91.7	230/460	28	10, 19, 47
25	1800	284TC	CCPX282546T	⑥	T3C	7,309	XSM	28.61	447	93.6	230/460	31	10, 19, 35, 47
	1200	324TC	CCPX322566T	⑥	T3C	10,267	XSM	32.00	741	93	230/460	32	10, 19, 35, 47
	3600	286TSC	CCPX28326T	⑥	T3C	8,387	XSM	27.24	495	91.7	230/460	33	10, 19, 47
30	1800	286TC	CCPX28346T	⑥	T3C	8,730	XSM	28.61	459	93.6	230/460	36	10, 19, 35, 47
	1200	326TC	CCPX32366T	⑥	T3C	11,227	XSM	32.00	766	93	230/460	39	10, 19, 35, 47
	3600	324TSC	CCPX32426T	⑥	T3C	10,395	XSM	30.50	745	92.4	230/460	45	10, 19, 35, 47
40	1800	324TC	CCPX32446T	⑥	T3C	11,570	XSM	32.00	720	94.1	230/460	48	10, 19, 35, 47
	1200	364TC	CCPX36466T	⑥	T3C	13,038	XSM	33.48	908	94.1	230/460	51	10, 35
	3600	326TSC	CCPX32526T	⑥	T3C	13,037	XSM	30.50	766	93	230/460	56	10, 19, 35, 47
50	1800	326TC	CCPX32546T	⑥	T3C	13,274	XSM	32.00	782	94.5	230/460	59	10, 19, 35, 47
	1200	365TC	CCPX36566T	⑥	T3C	14,567	XSM	33.48	982	94.1	230/460	62	10, 35
	3600	364TSC	CCPX36626T	⑥	T3C	14,849	XSM	31.36	999	93.6	230/460	65	10
60	1800	364TC	CCPX36646T	⑥	T3C	14,913	XSM	33.48	910	95	230/460	68	10
	1200	404TC	CCPX40666T	⑥	T3C	18,384	XSM	38.22	1322	94.5	230/460	69	10
	3600	365TSC	CCPX36726T	⑥	T3C	15,437	XSM	31.36	1005	93.6	230/460	82	10
75	1800	365TC	CCPX36746T	⑥	T3C	16,288	XSM	33.48	965	95.4	230/460	86	10
	1200	405TC	CCPX40766T	⑥	T3C	18,990	XSM	38.22	1322	94.5	230/460	87	10

(a) See notes on inside back flap.

⑥ = Class I, Group C & D, Class II, Group E, F & G

Cast iron frame

Red catalog number indicates NEW product.

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain.

NEW!

NEW!**Explosion proof, drill rig duty, 230/460 and 460 volt**

1/2 thru 200 Hp

**Features:**

- Robust steel and cast iron frame designs
- 1.15 SF, Class F insulation, 40°C ambient
- Suitable for 55°C ambient at 1.0 SF
- Inverter Duty, 1 Hp and larger
- DE shaft slinger, UL breather drains
- Normally closed thermostats
- Threaded lead inlet
- IP55 enclosure, marked on nameplate

Applications:

- Customer specified Division 1 hazardous Areas
- On and off shore drill rig service
- Bulk fuel terminals
- Transfer stations
- Fixed and variable speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted													
1	3600	143T	DRX14124T	④	T3C	1,397	XDM	14.22	41	84	230/460	1.4	10, 19
	1800	143T	DRX14144T	④	T3C	1,497	XDM	14.22	50	85.5	230/460	1.5	10, 19
	1200	145T	DRX14164T	④	T3C	1,884	XDM	15.09	49	82.5	230/460	1.8	10, 19
1 1/2	3600	143T	DRX141524T	④	T3C	1,477	XDM	14.22	47	84	230/460	1.9	10, 19
	1800	145T	DRX141544T	④	T3C	1,520	XDM	15.09	50	86.5	230/460	2.2	10, 19
	1200	182T	DRX181564T	④	T3C	2,254	XDM	17.56	149	87.5	230/460	2.5	19
2	3600	145T	DRX14224T	④	T3C	1,726	XDM	15.09	55	85.5	230/460	2.5	19
	1800	145T	DRX14244T	④	T3C	1,559	XDM	15.09	59	86.5	230/460	2.9	19
	1200	184T	DRX18264T	④	T3C	2,455	XDM	17.56	152	88.5	230/460	3.15	19
3	3600	182T	DRX18324T	④	T3C	2,075	XDM	17.56	150	86.5	230/460	3.8	19
	1800	182T	DRX18344T	④	T3C	1,661	XDM	17.56	111	89.5	230/460	4.1	19
	1200	213T	DRX21364T	④	T3C	2,774	XDM	20.03	200	89.6	230/460	4.5	19
5	3600	184T	DRX18524T	④	T3C	2,433	XDM	17.56	122	88.5	230/460	5.5	19, 35
	1800	184T	DRX18544T	④	T3C	1,972	XDM	17.56	152	89.5	230/460	6.6	19
	1200	215T	DRX21564T	④	T3C	3,079	XDM	20.03	245	89.8	230/460	7.1	19
7 1/2	3600	213T	DRX21724T	④	T3C	2,806	XDM	20.03	184	90.7	230/460	9	19
	1800	213T	DRX21744T	④	T3C	2,501	XDM	20.03	193	91.7	230/460	10.1	19, 35
	1200	254T	DRX25764T	④	T3C	3,532	XDM	25.50	374	91	230/460	11	10, 19, 35
10	3600	215T	DRX21124T	④	T3C	2,945	XDM	20.03	174	90.2	230/460	11.8	19
	1800	215T	DRX21144T	④	T3C	3,441	XDM	20.03	252	91.7	230/460	12.5	19, 35
	1200	256T	DRX25164T	④	T3C	4,247	XDM	25.50	400	91	230/460	15	10, 19, 35
15	3600	254T	DRX251524T	④	T3C	3,330	XDM	25.50	349	91	230/460	17.2	19, 35
	1800	254T	DRX251544T	④	T3C	3,902	XDM	25.50	373	92.4	230/460	18.1	19, 35
	1200	284T	DRX281564T	④	T3C	6,845	XDM	28.61	478	91.7	230/460	21	10, 19, 35
20	3600	256T	DRX25224T	④	T3C	4,390	XDM	25.50	317	91	230/460	22	19, 35
	1800	256T	DRX25244T	④	T3C	5,055	XDM	25.50	336	93	230/460	24	19, 35
	1200	286T	DRX28264T	④	T3C	7,028	XDM	28.61	475	91.7	230/460	25	10, 19
25	3600	284TS	DRX282524T	④	T3C	5,762	XDM	27.23	445	91.7	230/460	28.5	10, 19
	1800	284T	DRX282544T	④	T3C	6,132	XDM	28.61	448	93.6	230/460	31	19, 35
	1200	324T	DRX322564T	④	T3C	8,787	XDM	32.00	741	93	230/460	32	10, 19, 35
30	3600	286TS	DRX28324T	④	T3C	6,879	XDM	27.23	495	91.7	230/460	33	10, 19
	1800	286T	DRX28344T	④	T3C	7,476	XDM	28.61	461	93.6	230/460	36	19, 35
	1200	326T	DRX32364T	④	T3C	9,695	XDM	32.00	766	93	230/460	39	10, 19, 35
40	3600	324TS	DRX32424T	④	T3C	8,908	XDM	30.50	745	92.4	230/460	45	10, 19, 35
	1800	324T	DRX32444T	④	T3C	10,019	XDM	32.00	720	94.1	230/460	48	19, 35
	1200	364T	DRX36464T	④	T3C	11,668	XDM	33.48	908	94.1	230/460	49.8	10
50	3600	326TS	DRX32524T	④	T3C	11,406	XDM	30.50	766	93	230/460	56	10, 19, 35
	1800	326T	DRX32544T	④	T3C	11,630	XDM	32.00	790	94.5	230/460	59	19, 35
	1200	365T	DRX36564T	④	T3C	13,169	XDM	33.48	908	94.1	230/460	61.7	10

(a) See notes on inside back flap.  Cast iron frameRed catalog number indicates **NEW** product.

④ = Class I, Group C & D

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Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

NEW!**Explosion proof, drill rig duty, 230/460 and 460 volt**

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted (continued)													
60	3600	364TS	DRX36624T	④	T3C	13,422	XDM	31.35	999	93.6	230/460	65.1	10
	1800	364T	DRX36644T	④	T3C	13,509	XDM	33.48	910	95	230/460	67.8	
	1200	404T	DRX40664T	④	T3C	16,625	XDM	38.22	1322	94.5	230/460	69	10
75	3600	365TS	DRX36724T	④	T3C	13,998	XDM	31.35	1005	93.6	230/460	81.8	10
	1800	365T	DRX36744T	④	T3C	14,832	XDM	33.48	966	95.4	230/460	86	
	1200	405T	DRX40764T	④	T3C	17,219	XDM	38.22	1322	94.5	230/460	87	10
100	1800	405T	DRX40144T	④	T3C	17,225	XDM	38.22	1326	95.4	230/460	112	
	1200	444T	DRX44164T	④	T3C	20,452	XDM	44.97	1800	95	230/460	116	10
125	1800	444T	DRX441244T	④	T3C	20,793	XDM	44.97	1669	95.4	460	144	
	1200	445T	DRX441264T	④	T3C	22,359	XDM	44.97	1913	95	460	144	10
150	1800	445T	DRX441544T	④	T3C	23,237	XDM	44.97	1826	95.8	460	169	10
200	1800	447T	DRX44244T	④	T3C	32,152	XDM	48.47	2676	96.2	460	222	10
C-Face, foot mounted													
1/2	1800	56C	CDRX050544	④	T3C	1,071	XDM	13.14	37	80	230/460	0.8	19, 60
3/4	1800	56C	CDRX050744	④	T3C	1,171	XDM	14.28	33	78.5	230/460	1.4	19
1	3600	143TC	CDRX14124T	④	T3C	1,461	XDM	14.36	41	84	230/460	1.4	10, 19
	1800	143TC	CDRX14144T	④	T3C	1,561	XDM	14.36	50	85.5	230/460	1.5	19
		56C	CDRX05144	④	T3C	1,553	XDM	14.28	50	85.5	230/460	1.5	19
	1200	145TC	CDRX14164T	④	T3C	1,948	XDM	15.23	49	82.5	230/460	1.8	19
1 1/2	3600	143TC	CDRX141524T	④	T3C	1,541	XDM	14.36	47	84	230/460	1.9	10, 19
	1800	145TC	CDRX141544T	④	T3C	1,584	XDM	15.23	50	86.5	230/460	2.2	19
	1200	182TC	CDRX181564T	④	T3C	2,569	XDM	18.31	149	87.5	230/460	2.5	10, 19
2	3600	145TC	CDRX14224T	④	T3C	1,790	XDM	15.23	46	85.5	230/460	2.5	10, 19
	1800	145TC	CDRX14244T	④	T3C	1,623	XDM	15.23	48	86.5	230/460	2.9	19
	1200	184TC	CDRX18264T	④	T3C	2,770	XDM	18.31	152	88.5	230/460	3.15	19
3	3600	182TC	CDRX18324T	④	T3C	2,390	XDM	18.31	127	86.5	230/460	3.8	19
	1800	182TC	CDRX18344T	④	T3C	1,976	XDM	18.31	111	89.5	230/460	4.1	19
	1200	213TC	CDRX21364T	④	T3C	3,115	XDM	20.78	221	89.5	230/460	4.5	10, 19
5	3600	184TC	CDRX18524T	④	T3C	2,748	XDM	18.31	150	88.5	230/460	5.5	19, 35
	1800	184TC	CDRX18544T	④	T3C	2,287	XDM	18.31	123	89.5	230/460	6.6	19
	1200	215TC	CDRX21564T	④	T3C	3,420	XDM	20.78	245	89.8	230/460	7.1	10, 19
7 1/2	3600	213TC	CDRX21724T	④	T3C	3,147	XDM	20.78	184	90.7	230/460	9	10, 19
	1800	213TC	CDRX21744T	④	T3C	2,842	XDM	20.78	154	91.7	230/460	10.1	19, 35
	1200	254TC	CDRX25764T	④	T3C	4,170	XDM	26.00	374	91	230/460	11	10, 19, 35
10	3600	215TC	CDRX21124T	④	T3C	3,286	XDM	20.78	174	90.2	230/460	11.8	19
	1800	215TC	CDRX21144T	④	T3C	3,782	XDM	20.78	252	91.7	230/460	12.5	19, 35
	1200	256TC	CDRX25164T	④	T3C	4,885	XDM	26.00	327	91	230/460	15	10, 19, 35
15	3600	254TC	CDRX251524T	④	T3C	3,968	XDM	26.00	349	91	230/460	17.2	10, 19, 35
	1800	254TC	CDRX251544T	④	T3C	4,540	XDM	26.00	302	92.4	230/460	18.1	19, 35
	1200	284TC	CDRX281564T	④	T3C	7,668	XDM	28.61	478	91.7	230/460	21	10, 19, 35
20	3600	256TC	CDRX25224T	④	T3C	5,028	XDM	26.00	390	91	230/460	22	10, 19, 35
	1800	256TC	CDRX25244T	④	T3C	5,693	XDM	26.00	335	93	230/460	24	19, 35
	1200	286TC	CDRX28264T	④	T3C	7,851	XDM	28.61	459	91.7	230/460	25	10, 19
25	3600	284TSC	CDRX282524T	④	T3C	6,585	XDM	27.23	408	91.7	230/460	28.5	19
	1800	284TC	CDRX282544T	④	T3C	6,955	XDM	28.61	447	93.6	230/460	31	19, 35
	1200	324TC	CDRX322564T	④	T3C	9,760	XDM	32.00	741	93	230/460	32	10, 19, 35
30	3600	286TSC	CDRX28324T	④	T3C	7,702	XDM	27.23	438	91.7	230/460	33	10, 19
	1800	286TC	CDRX28344T	④	T3C	8,299	XDM	28.61	518	93.6	230/460	36	10, 19, 35
	1200	326TC	CDRX32364T	④	T3C	10,668	XDM	32.00	766	93	230/460	39	10, 19, 35
40	3600	324TSC	CDRX32424T	④	T3C	9,881	XDM	30.50	593	92.4	230/460	45	10, 19, 35
	1800	324TC	CDRX32444T	④	T3C	10,992	XDM	32.00	720	94.1	230/460	48	10, 19, 35
	1200	364TC	CDRX36464T	④	T3C	12,822	XDM	33.45	908	94.1	230/460	49.8	10

(a) See notes on inside back flap.  Cast iron frameRed catalog number indicates **NEW** product.

④ = Class I, Group C & D

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain.

NEW!For more information visit baldor.com or new.abb.com/motors-generators

NEW!**Explosion proof, drill rig duty, 230/460 and 460 volt**

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face, foot mounted (continued)													
50	3600	326TSC	CDRX32524T	④	T3C	12,379	XDM	30.50	648	93	230/460	56	10, 19, 35
	1800	326TC	CDRX32544T	④	T3C	12,603	XDM	32.00	782	94.5	230/460	59	10, 19, 35
60	1800	364TC	CDRX36644T	④	T3C	14,663	XDM	33.45	910	95	230/460	68	10
75	1800	365TC	CDRX36744T	④	T3C	15,986	XDM	33.45	965	95.4	230/460	85.9	
100	1800	405TC	CDRX40144T	④	T3C	18,645	XDM	38.22	1326	95.4	230/460	112	10
C-Face, footless													
1/2	1800	56C	VDRX050544	④	T3C	1,071	XDM	13.14	37	80	230/460	0.8	19, 60
3/4	1800	56C	VDRX050744	④	T3C	1,171	XDM	14.31	37	78.5	230/460	1.4	19
1	1800	143TC	VDRX14144T	④	T3C	1,561	XDM	14.36	50	85.5	230/460	1.5	19
		56C	VDRX05144	④	T3C	1,553	XDM	14.31	41	85.5	230/460	1.5	19
1 1/2	1800	145TC	VDRX141544T	④	T3C	1,584	XDM	15.23	46	86.5	230/460	2.2	19
		56C	VDRX051544	④	T3C	1,576	XDM	15.17	46	86.5	230/460	2.2	19
2	1800	145TC	VDRX14244T	④	T3C	1,623	XDM	15.23	59	86.5	230/460	2.9	19
3	1800	182TC	VDRX18344T	④	T3C	1,976	XDM	18.31	127	89.5	230/460	4.1	19
5	1800	184TC	VDRX18544T	④	T3C	2,287	XDM	18.31	123	89.5	230/460	6.6	19
7 1/2	1800	213TC	VDRX21744T	④	T3C	2,842	XDM	20.77	228	91.7	230/460	10.1	19, 35
10	1800	215TC	VDRX21144T	④	T3C	3,782	XDM	20.77	252	91.7	230/460	12.5	19, 35
15	1800	254TC	VDRX251544T	④	T3C	4,540	XDM	26.00	373	92.4	230/460	18.1	10, 19, 35
20	1800	256TC	VDRX25244T	④	T3C	5,693	XDM	26.00	335	93	230/460	24	10, 19, 35
25	1800	284TC	VDRX282544T	④	T3C	6,955	XDM	28.67	506	93.6	230/460	31	10, 19, 35
30	1800	286TC	VDRX28344T	④	T3C	8,299	XDM	28.67	518	93.6	230/460	36	10, 19, 35
40	1800	324TC	VDRX32444T	④	T3C	10,992	XDM	32.00	720	94.1	230/460	48	10, 19, 35
50	1800	326TC	VDRX32544T	④	T3C	12,603	XDM	32.00	782	94.5	230/460	59	10, 19, 35

(a) See notes on inside back flap.

④ = Class I, Group C & D

■ Cast iron frame

Red catalog number indicates **NEW** product.

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain.

NEW!

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

NEW!**Explosion proof, drill rig duty, 575 volt**

1 thru 100 Hp

**Features:**

- Cast iron frame, endplates, conduit box and fan cover
- 1.15 SF, Class F insulation, 40°C ambient
- Suitable for 55°C ambient at 1.0 SF
- Inverter Duty
- DE shaft slinger, UL breather drains
- Normally closed thermostats
- Threaded lead inlet
- IP55 enclosure, marked on nameplate

Applications:

- Customer specified Division 1 hazardous areas
- Chemical, oil & gas industrial pumps
- Fixed and variable speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted													
1	3600	143T	DRX14124T-5	④	T3C	1,397	XDM	14.22	38	84	575	1.1	10
	1800	143T	DRX14144T-5	④	T3C	1,497	XDM	14.22	50	85.5	575	1.2	10
2	3600	145T	DRX14224T-5	④	T3C	1,726	XDM	15.09	55	85.5	575	2	10
	1800	145T	DRX14244T-5	④	T3C	1,559	XDM	15.09	59	86.5	575	2.3	10
3	3600	182T	DRX18324T-5	④	T3C	2,075	XDM	17.56	127	86.5	575	3	10
	1800	182T	DRX18344T-5	④	T3C	1,661	XDM	17.56	111	89.5	575	3.3	10
5	3600	184T	DRX18524T-5	④	T3C	2,433	XDM	17.56	122	88.5	575	4.5	10, 35
	1800	184T	DRX18544T-5	④	T3C	1,972	XDM	17.56	123	89.5	575	5.3	10
7 1/2	3600	213T	DRX21724T-5	④	T3C	2,806	XDM	20.03	184	89.5	575	7.2	10
	1800	213T	DRX21744T-5	④	T3C	2,501	XDM	20.03	228	91.7	575	7.5	10, 35
10	3600	215T	DRX21124T-5	④	T3C	2,945	XDM	20.03	235	90.2	575	9	10
	1800	215T	DRX21144T-5	④	T3C	3,441	XDM	20.03	252	92.4	575	10.1	10, 35
15	3600	254T	DRX25124T-5	④	T3C	3,330	XDM	25.50	349	91	575	13.7	10, 35
	1800	254T	DRX251544T-5	④	T3C	3,902	XDM	25.50	302	92.4	575	14.6	10, 35
20	3600	256T	DRX25224T-5	④	T3C	4,390	XDM	25.50	315	91	575	17.5	10, 35
	1800	256T	DRX25244T-5	④	T3C	5,055	XDM	25.50	335	93	575	19.2	10, 35
25	3600	284TS	DRX282524T-5	④	T3C	5,762	XDM	27.23	525	91.7	575	23	10
	1800	284T	DRX282544T-5	④	T3C	6,132	XDM	28.61	506	93.6	575	25	10, 35
30	3600	286TS	DRX28324T-5	④	T3C	6,879	XDM	27.23	495	91.7	575	26	10
	1800	286T	DRX28344T-5	④	T3C	7,476	XDM	28.61	518	93.6	575	29	10, 35
40	3600	324TS	DRX32424T-5	④	T3C	8,908	XDM	30.50	593	92.4	575	36	10, 35
	1800	324T	DRX32444T-5	④	T3C	10,019	XDM	32.00	601	94.1	575	39	10, 35
50	3600	326TS	DRX32524T-5	④	T3C	11,406	XDM	30.50	649	93	575	45	10, 35
	1800	326T	DRX32544T-5	④	T3C	11,630	XDM	32.00	782	94.5	575	47	35
60	1800	364T	DRX36644T-5	④	T3C	13,509	XDM	33.48	965	95	575	54.7	10
75	1800	365T	DRX36744T-5	④	T3C	14,832	XDM	33.48	965	95.4	575	68.5	10
100	1800	405T	DRX40144T-5	④	T3C	17,225	XDM	38.22	1326	95.4	575	89.6	10
C-Face, foot mounted													
1	3600	143TC	CDRX14124T-5	④	T3C	1,461	XDM	14.36	41	84	575	1.1	10
	1800	143TC	CDRX14144T-5	④	T3C	1,561	XDM	14.36	50	85.5	575	1.2	10
2	3600	145TC	CDRX14224T-5	④	T3C	1,790	XDM	15.23	55	85.5	575	2	10
	1800	145TC	CDRX14244T-5	④	T3C	1,623	XDM	15.23	59	86.5	575	2.3	10
3	3600	182TC	CDRX18324T-5	④	T3C	2,390	XDM	18.31	127	86.5	575	3	10
	1800	182TC	CDRX18344T-5	④	T3C	1,976	XDM	18.31	127	89.5	575	3.3	10
5	3600	184TC	CDRX18524T-5	④	T3C	2,748	XDM	18.31	150	88.5	575	4.5	10, 35
	1800	184TC	CDRX18544T-5	④	T3C	2,287	XDM	18.31	152	89.5	575	5.3	10
7 1/2	3600	213TC	CDRX21724T-5	④	T3C	3,147	XDM	20.78	169	89.5	575	7.2	10
	1800	213TC	CDRX21744T-5	④	T3C	2,842	XDM	20.78	193	91.7	575	7.5	10, 35

(a) See notes on inside back flap.  Cast iron frame

④ = Class I, Group C & D

Red catalog number indicates **NEW** product.

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain.

NEW!For more information visit baldor.com or new.abb.com/motors-generators

NEW!**Explosion proof, drill rig duty, 575 volt**

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
C-Face, foot mounted (continued)													
10	3600	215TC	CDRX21124T-5	④	T3C	3,286	XDM	20.78	235	90.2	575	9	
	1800	215TC	CDRX21144T-5	④	T3C	3,782	XDM	20.78	252	92.4	575	10.1	35
15	3600	254TC	CDRX251524T-5	④	T3C	3,968	XDM	26.00	349	91	575	13.7	10, 35
	1800	254TC	CDRX251544T-5	④	T3C	4,540	XDM	26.00	373	92.4	575	14.6	35
20	3600	256TC	CDRX25224T-5	④	T3C	5,028	XDM	26.00	390	91	575	17.5	10, 35
	1800	256TC	CDRX25244T-5	④	T3C	5,693	XDM	26.00	335	93	575	19.2	10, 35
25	3600	284TSC	CDRX282524T-5	④	T3C	6,585	XDM	27.23	525	91.7	575	23	10
	1800	284TC	CDRX282544T-5	④	T3C	6,955	XDM	28.61	506	93.6	575	25	10, 35
30	3600	286TSC	CDRX28324T-5	④	T3C	7,702	XDM	27.23	495	91.7	575	26	10
	1800	286TC	CDRX28344T-5	④	T3C	8,299	XDM	28.61	518	93.6	575	29	10, 35
40	3600	324TSC	CDRX32424T-5	④	T3C	9,881	XDM	30.50	745	92.4	575	36	10, 35
	1800	324TC	CDRX32444T-5	④	T3C	10,992	XDM	32.00	720	94.1	575	39	10, 35
50	3600	326TSC	CDRX32524T-5	④	T3C	12,379	XDM	30.50	766	93	575	45	10, 35
	1800	326TC	CDRX32544T-5	④	T3C	12,603	XDM	32.00	782	94.5	575	47	10, 35

(a) See notes on inside back flap.

④ = Class I, Group C & D

Cast iron frame

Red catalog number indicates **NEW** product.

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain.

NEW!

NEW!**Explosion proof, drill rig duty, single phase**

1/3 thru 1 Hp

**Features:**

- Steel band frame, cast iron endplates and conduit box
- 1.15 SF, Class F insulation, 40°C ambient
- Suitable for 55°C ambient at 1.0 SF
- DE shaft slinger, UL breather drains
- Normally closed thermostats
- Threaded lead inlet
- IP55 enclosure, marked on nameplate

Applications:

- Customer specified Division 1 hazardous areas
- Chemical, oil & gas
- Fixed speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/3	1800	56C	CDRXL050344	④	T3C	915	XD1	14.31	35	55	115/230	3.3	
1/2	1800	56C	CDRXL050544	④	T3C	970	XD1	14.31	43	68	115/230	3.7	
3/4	1800	56C	CDRXL050744	④	T3C	1,060	XD1	15.17	53	68	115/230	5.3	
1	1800	56C	CDRXL05144	④	T3C	1,161	XD1	16.05	57	68	115/230	6	

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

④ = Class I, Group C & D

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain. These explosion-proof motors are not suitable for use with adjustable speed drives. Inverter Duty explosion-proof motors must be used.

Explosion proof, drill rig duty, close coupled pump, 230/460 and 575 volt

3 thru 10 Hp

**Features:**

- Cast iron frame, endplates, conduit box and fan cover
- 1.15 SF, Class F insulation, 40°C ambient
- Suitable for 55°C ambient at 1.0 SF
- Inverter Duty
- DE shaft slinger, UL breather drains
- Normally closed thermostats
- Threaded lead inlet
- IP55 enclosure, marked on nameplate

Applications:

- Customer specified Division 1 hazardous areas
- Chemical, oil & gas industrial pumps
- Fixed and variable speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 Volts													
3	1800	182JP	JPDRX18344T	④	T3C	2,109	XDP	22.09	127	89.5	230/460	4.1	19
5	1800	184JP	JPDRX18544T	④	T3C	2,420	XDP	22.09	152	89.5	230/460	6.6	19
7 1/2	1800	213TCZ	JPDRX21744TY	④	T3C	3,086	XDP	25.65	228	91.7	230/460	10.1	19, 35, 97
10	1800	215TCZ	JPDRX21144TY	④	T3C	4,026	XDP	25.65	252	91.7	230/460	12.5	19, 35, 97
575 Volts													
3	1800	182JP	JPDRX18344T-5	④	T3C	2,109	XDP	22.09	127	89.5	575	3.3	
5	1800	184JP	JPDRX18544T-5	④	T3C	2,420	XDP	22.09	152	89.5	575	5.3	10
7 1/2	1800	213TCZ	JPDRX21744TY-5	④	T3C	3,086	XDP	25.65	228	91.7	575	7.5	10, 35, 97
10	1800	215JP	JPDRX21144TY-5	④	T3C	4,026	XDP	25.65	252	92.4	575	10.1	10, 35, 97

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates **NEW** product.

④ = Class I, Group C & D

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain.

NEW!

Pump motors

From industrial wastewater to fire suppression systems or commercial pools, Baldor-Reliance® pump motors provide value by increasing reliability and reducing maintenance costs. Utilizing energy efficient designs, our pump motors meet NEMA Premium® efficiency and inverter ready with wide variable torque speed ranges. Motor construction can be tailored for specific applications and industries such as food processing, washdown applications or explosion proof enclosures for pumps in hazardous areas.



Key features:

- Baldor-Reliance motors meet or exceed all efficiency requirements for US, Canada and Mexico regulations
- Dynamically balanced rotor to reduce noise and increase bearing life
- Color coded and numbered leads for ease of connectivity

1/3 - 300 Horsepower

Pump motor product line		Fire Pump	Jet Pump and Close-Coupled	Vertical P-Base	Submersible	EC Titanium™
NEMA frame	Frame size range for stock products	210 - 440T	56 - 320T	180 - 360T	180 - 360T	140-210
Hp	Horsepower NEMA	10 - 300	1/3 - 50	3 - 75	1 - 100	1 - 20
Volts 60 Hz	Single phase 115/208-230 or 115/230	-	S	-	S	S
	Three phase 200 volts	-	A	A	-	S
	Three phase 200/400 volts	S	A	A	-	S
	Three phase 230/460 volts	S	S	S	-	S
	Three phase 460 volts	S	A	S	S	S
	Three phase 575 volts	-	S	A	-	-
	Three phase 230 volts	-	A	A	S	-
Speed	Speed (60 Hz)	3600 or 1800 RPM	3600 or 1800 RPM	3600 or 1800 RPM	1800 or 1200 RPM	Variable
Electrical features						
Efficiency	Baldor-Reliance motors meet or exceed all efficiency requirements for US, Canada & Mexico regulations	S	S	S	S	S
Torque	NEMA Design B torques	S	S	S	S	S
Service factor & temp. rise	1.15 service factor – continuous (most ratings)	S	S	S	S	S
	Class F insulation with Class B rise @ 1.0 service factor	S	S	S	S	S
Inverter ready	Super E® – meets NEMA MG1 Part 31.4.4.2	-	S	S	S	S
	12 lead wye delta connection	-	-	S	S	-
Mechanical features						
IP code	IP23 ingress protection	S	S	S	-	S
	IP44 ingress protection	-	S	-	-	S
	IP54 ingress protection	-	A	-	-	S
	IP55 ingress protection	-	S	S	-	-
	IP56 ingress protection	-	S	-	-	-
	IP68 ingress protection	-	-	-	S	-
	IP69 ingress protection	-	S	-	-	-
Enclosure	Enclosure type	ODP	ODP or TEFC	ODP or TEFC	TENV	TEFC
	Heavy gauge steel frame	S	S	-	-	-
Frame	Cast iron frame	S	S	S	S	-
	Lifting provisions positioned for easy handling in the application (motors over 70 Lbs)	S	S	S	S	S
Explosion proof	UL Listed for use in hazardous locations	-	S	-	S	-
Bearings	High performance ball bearings designs	S	S	S	S	S
Lubrication	Super-premium Mobil Polyrex™ EM series grease	S	S	S	S	S
	Color coded and numbered leads for ease of connectivity	S	S	S	-	-
Conduit box	Epoxy encapsulated lead connections	-	-	-	S	-
	Gasketed cast aluminum	-	S	S	-	-
	Gasketed cast iron frame	-	S	S	-	-
	25 feet of cable	-	-	-	S	-
Nameplate	Laser etched nameplate with highly legible font	S	S	S	S	S
Other key features						
Warranty	Warranty # months (NEMA Premium® Super-E®)	-	36	36	60	-
	Warranty # months	12	18	(841XL) 60	-	36

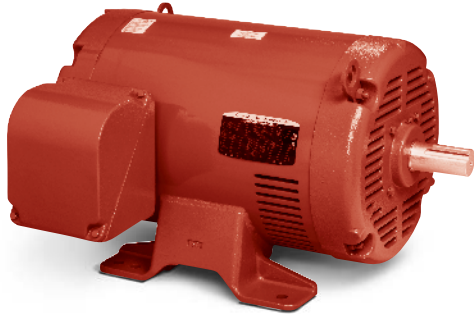
S = Standard A = Available through Mod Express or as custom

For more information visit baldor.com or new.abb.com/motors-generators

Fire pump, three phase, ODP, foot mounted

10 thru 300 Hp

IP23



Features:

- 1.15 SF, 40°C ambient continuous
- NEMA Design B, 60 Hz
- 230/460 and 460 Volt models rated for 50 Hz at next lower Hp
- Dual voltage motors 20 Hp and larger have 12 leads, are suitable for wye-delta or across the line start on either voltage or part winding start on low voltage
- 460V motors have 12 leads and are suitable for wye-delta, across the line or part winding start
- UL file E481231
- Exterior red paint RAL3002

Applications:

- UL listed Fire Pump motors installed per NFPA-20

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
10	3600	213T	FPM3312T	1,322	PF3	16.32	121	88.5	230/460	12	1
	1800	215T	FPM3313T	1,488	PF3	16.32	130	89.5	230/460	12.7	1
15	3600	215T	FPM3314T	1,720	PF3	16.32	131	89.5	230/460	17.7	1
	1800	254T	FPM2513T	1,967	PF3	21.69	205	91	230/460	17.5	1
20	3600	254T	FPM2514T	2,051	PF3	22.25	145	90.2	230/460	23	1
	1800	256T	FPM2515T	2,113	PF3	21.69	210	91	230/460	24	1
25	3600	256T	FPM2516T	2,293	PF3	21.69	210	91	230/460	29	1
		256T	FPM2516T-2/4	2,293	PF3	21.69	206	91	200/400	34	1, 33
	1800	284TS	FPM2531TS	2,548	PF3	23.56	236	92.4	230/460	29	1
		284TS	FPM2531TS-2/4	2,548	PF3	23.56	236	92.4	200/400	34	1, 33
30	3600	284TS	FPM2534T	2,647	PF3	22.06	235	91	230/460	35	1
		284TS	FPM2534T-2/4	2,647	PF3	22.06	235	91	200/400	40	1, 33
	1800	286TS	FPM2535TS	3,162	PF3	23.69	334	92.4	230/460	36	1
		286TS	FPM2535TS-2/4	3,162	PF3	23.69	375	92.4	200/400	41	1, 33
40	3600	286TS	FPM2538T	3,363	PF3	23.56	280	91.7	230/460	45	1
		286TS	FPM2538T-2/4	3,363	PF3	23.56	254	91.7	200/400	52	1, 33
	1800	324TS	FPM2539TS	3,515	PF3	24.69	400	93	230/460	49	1
		324TS	FPM2539TS-2/4	3,515	PF3	24.69	380	93	200/400	56	1, 33
50	3600	324TS	FPM2542T	3,835	PF3	24.69	331	92.4	230/460	58	1
		324TS	FPM2542T-2/4	3,835	PF3	24.69	331	92.4	200/400	67	1, 33
	1800	326TS	FPM2543TS	3,882	PF3	25.69	385	93	230/460	60	1
		326TS	FPM2543TS-2/4	3,882	PF3	25.69	385	93	200/400	70	1, 33
60	3600	326TS	FPM2546T	4,677	PF3	25.69	385	93	230/460	68	1
		326TS	FPM2546T-2/4	4,677	PF3	25.69	385	93	200/400	78	1, 33
	1800	364TS	FPM2547TS	4,976	PF3	25.81	480	93.6	230/460	72	1
		364TS	FPM2547TS-2/4	4,976	PF3	27.94	480	93.6	200/400	83	1, 33
75	3600	364TS	FPM2549T	6,378	PF3	27.94	485	93	230/460	84	1
		364TS	FPM2549T-2/4	6,378	PF3	27.94	485	93	200/400	96	1, 33
	1800	365TS	FPM2551TS	5,598	PF3	29.94	570	94.1	230/460	87	1
		365TS	FPM2551TS-2/4	5,598	PF3	29.94	570	94.1	200/400	100	1, 33
100	3600	365TS	FPM2550T	6,922	PF3	28.94	533	93	230/460	113	1
		365TS	FPM2550T-2/4	6,922	PF3	28.94	533	93	200/400	130	1, 33
	1800	404TS	FPM2555TS	8,407	PF3	31.85	597	94.1	230/460	117	1
		404TS	FPM2555TS-2/4	8,407	PF3	31.85	597	94.1	200/400	135	1, 33
125	3600	404TS	FPM2554T-4	9,635	PF3	31.85	660	93.6	460	138	1
	1800	405TS	FPM2559TS-4	9,919	PF3	33.60	590	94.5	460	145	1
150	3600	405TS	FPM2556T-4	11,830	PF3	31.85	600	93.6	460	164	1
	1800	444TS	FPM2558TS-4	11,560	PF3	35.88	1579	95	460	167	
200	3600	444TS	FPM2562T-4	15,174	PF3	35.88	1449	94.5	460	232	
	1800	445TS	FPM2563TS-4	14,220	PF3	35.88	1718	95	460	224	
250	3600	445TS	FPM2565T-4	15,975	PF3	35.88	1737	94.5	460	288	
	1800	445TS	FPM2566TS-4	16,184	PF3	35.88	1844	95.4	460	272	
300	3600	445TS	FPM2568T-4	23,699	PF3	35.88	1697	95	460	339	

(a) See notes on inside back flap.

Cast iron frame

Fire pump, three phase, ODP, foot mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
575 volt											
20	3600	254T	FPM2514T-5	2,051	PF3	22.25	145	90.2	575	18.5	
	1800	256T	FPM2515T-5	2,113	PF3	21.69	231	91.0	575	19.6	
25	3600	256T	FPM2516T-5	2,293	PF3	21.69	223	91.0	575	23	
	1800	284TS	FPM2531TS-5	2,548	PF3	23.56	320	92.4	575	23	
30	3600	284TS	FPM2534T-5	2,647	PF3	22.06	240	91.0	575	28	
	1800	286TS	FPM2535TS-5	3,162	PF3	23.69	420	92.4	575	29	
40	3600	286TS	FPM2538T-5	3,363	PF3	23.56	287	91.7	575	36	
	1800	324TS	FPM2539TS-5	3,515	PF3	24.69	400	93.0	575	39	
50	3600	324TS	FPM2542T-5	3,835	PF3	24.69	449	92.4	575	46	
	1800	326TS	FPM2543TS-5	3,882	PF3	25.69	452	93.0	575	49	
60	3600	326TS	FPM2546T-5	4,677	PF3	25.69	449	93.0	575	54	
	1800	364TS	FPM2547TS-5	4,976	PF3	25.81	480	93.6	575	57	
75	3600	364TS	FPM2549T-5	6,378	PF3	25.81	480	93.0	575	67	
	1800	365TS	FPM2551TS-5	5,598	PF3	27.81	573	94.1	575	69	
100	3600	365TS	FPM2550T-5	6,922	PF3	26.81	525	93.0	575	90	
	1800	404TS	FPM2555TS-5	8,407	PF3	31.85	648	94.1	575	93	

(a) See notes on inside back flap.

Fire pump, three phase, ODP, footless, close-coupled pump

10 thru 100 Hp

IP23



Features:

- 1.15 SF, 40°C ambient continuous
- NEMA Design B, 60 Hz
- 230/460 Volt models rated for 50 Hz at next lower Hp
- Dual voltage motors 20 Hp and larger have 12 leads, are suitable for wye-delta or across the line start on either voltage or part winding start on low voltage
- Vertical lifting
- UL file E481231
- Exterior red paint RAL3002

Applications:

- UL listed Fire Pump motors installed per NFPA-20

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
10	3600	213JP	VJPFPM3312T	1,397	PF3	24.41	121	88.5	230/460	12	1
		213JP	VJPFPM3312T-2/4	1,397	PF3	24.41	121	88.5	200/400	12	1, 33
	1800	215JP	VJPFPM3313T	1,559	PF3	24.41	130	89.5	230/460	12.7	1
15	3600	215JP	VJPFPM3314T	1,795	PF3	24.41	131	89.5	230/460	17.7	1
		215JP	VJPFPM3314T-2/4	1,795	PF3	24.41	131	89.5	200/400	20.4	1, 33
	1800	254JP	VJPFPM2513T	2,230	PF3	28.07	220	91	230/460	17.5	1
20	3600	254JP	VJPFPM2514T	2,389	PF3	27.66	145	90.2	230/460	23	1
		254JP	VJPFPM2514T-2/4	2,389	PF3	27.66	145	90.2	200/400	26.5	1, 33
	1800	256JP	VJPFPM2515T	2,497	PF3	28.07	231	91	230/460	24	1
25	3600	256JP	VJPFPM2516T	2,745	PF3	28.07	221	91	230/460	29	1
		256JP	VJPFPM2516T-2/4	2,745	PF3	28.07	221	91	200/400	34	1, 33
	1800	284JP	VJPFPM2531T	3,062	PF3	31.44	272	91.7	230/460	29	1
30	3600	284JP	VJPFPM2534T	3,250	PF3	29.23	235	91	230/460	35	1
		284JP	VJPFPM2534T-2/4	3,250	PF3	29.23	235	91	200/400	40	1, 33
	1800	286JP	VJPFPM2535T	3,758	PF3	29.25	375	92.4	230/460	36	1
40	3600	286JP	VJPFPM2538T	3,885	PF3	31.44	263	91.7	230/460	45	1
		286JP	VJPFPM2538T-2/4	3,885	PF3	31.44	263	91.7	200/400	52	1, 33
	1800	324JP	VJPFPM2539T	4,519	PF3	31.13	375	93	230/460	49	1
50	3600	324JP	VJPFPM2542T	4,841	PF3	31.13	331	92.4	230/460	58	1
		324JP	VJPFPM2542T-2/4	4,841	PF3	31.13	331	92.4	200/400	67	1, 33
	1800	326JP	VJPFPM2543T	5,030	PF3	32.13	378	93	230/460	60	1
60	3600	326JP	VJPFPM2546T	5,730	PF3	32.13	385	93	230/460	68	1
		326JP	VJPFPM2546T-2/4	5,730	PF3	32.13	385	93	200/400	78	1, 33
	1800	364JP	VJPFPM2547T	6,232	PF3	32.50	480	93.6	230/460	72	1
75	3600	364JP	VJPFPM2549T	7,728	PF3	32.50	472	93	230/460	84	1
		364JP	VJPFPM2549T-2/4	7,728	PF3	32.50	472	93	200/400	96	1, 33
	1800	365JP	VJPFPM2551T	7,275	PF3	34.50	565	94.1	230/460	87	1
100	3600	365JP	VJPFPM2550T	8,245	PF3	33.50	523	93	230/460	113	1
		365JP	VJPFPM2550T-2/4	8,245	PF3	33.50	523	93	200/400	130	1, 33

(a) See notes on inside back flap

Fire pump, three phase, ODP, footless, close-coupled pump

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
575 volt											
20	3600	254JP	VJPFPM2514T-5	2,389	PF3	27.66	145	90.2	575	18.5	
	1800	256JP	VJPFPM2515T-5	2,497	PF3	28.07	208	91.0	575	19.6	
25	3600	256JP	VJPFPM2516T-5	2,745	PF3	28.07	219	91.0	575	23	
	1800	284JP	VJPFPM2531T-5	3,062	PF3	31.44	322	92.4	575	23	
30	3600	284JP	VJPFPM2534T-5	3,250	PF3	29.23	266	91.0	575	28	
	1800	286JP	VJPFPM2535T-5	3,758	PF3	29.25	396	92.4	575	29	
40	3600	286JP	VJPFPM2538T-5	3,885	PF3	31.44	303	91.7	575	36	
	1800	324JP	VJPFPM2539T-5	4,519	PF3	31.13	530	93.0	575	39	
50	3600	324JP	VJPFPM2542T-5	4,841	PF3	31.13	396	92.4	575	46	
	1800	326JP	VJPFPM2543T-5	5,030	PF3	32.13	396	93.0	575	49	
60	3600	326JP	VJPFPM2546T-5	5,730	PF3	32.13	380	93.0	575	54	
	1800	364JP	VJPFPM2547T-5	6,232	PF3	32.50	475	93.6	575	57	
75	3600	364JP	VJPFPM2549T-5	7,728	PF3	32.50	648	93.0	575	67	
	1800	365JP	VJPFPM2551T-5	7,275	PF3	34.50	565	94.1	575	69	
100	3600	365JP	VJPFPM2550T-5	8,245	PF3	33.50	523	93.0	575	90	

(a) See notes on inside back flap.

Jet pump, single phase, TEFC

1/3 thru 2 Hp

IP44



Features:

- Automatic thermal overload protection
- Corrosion resistant stainless steel shaft extension
- Slotted opposite DE shaft for easy installation
- Superior switch design provides optimized torque profiles
- Dynamically balanced rotor to reduce noise and increase bearing life

Applications:

- Industrial pumps
- Swimming pool pumps
- General purpose pumps
- Commercial machinery
- Food and beverage
- Wastewater
- Agricultural

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted											
1/3	1800	56J	CJL3501A	455	PJ1	11.84	23	60	115/230	3	30
1/2	1800	56J	CJL3504A	536	PJ1	12.47	28	68	115/230	3.7	30
3/4	1800	56J	CJL3507A	653	PJ1	12.97	35	74	115/230	4.1	30
1	3600	56J	CJL3509A	661	PJ1	13.74	39	66	115/230	6	30
1 1/2	3600	56J	CJL3513A	726	PJ1	13.74	47	70	115/230	8.3	30
2	3600	56J	CJL3515A	853	PJ1	14.62	51	74	115/230	11.5	30
Footless											
1/3	3600	56J	JL3405A	337	PJ1	11.85	19	60	115/230	3	30
	1800	56J	JL3501A	421	PJ1	11.85	22	60	115/230	3	30
1/2	3600	56J	JL3503A	386	PJ1	12.85	26	62	115/230	3.7	30
	1800	56J	JL3504A	489	PJ1	12.85	27	68	115/230	3.7	30
3/4	3600	56J	JL3506A	460	PJ1	12.85	29	66	115/230	5.4	30
	1800	56J	JL3507A	580	PJ1	12.97	33	74	115/230	4.1	30
1	3600	56J	JL3509A	562	PJ1	13.74	42	66	115/230	6	30
	1800	56J	JL3510A	666	PJ1	13.74	40	67	115/230	6.2	30
1 1/2	3600	56J	JL3513A	666	PJ1	13.74	45	70	115/230	8.3	30
	1800	56J	JL3514A	730	PJ1	14.62	51	75.5	115/230	8	30
2	3600	56J	JL3515A	782	PJ1	14.62	54	74	115/230	11.5	30
	1800	56J	JL3516A	831	PJ1	14.62	52	78	115/230	8.6	20, 30

(a) See notes on inside back flap.

All threaded shaft, single phase motors are connected single rotation - CCW when viewing drive end.

All above ratings can be UL 1081 compliant through MOD Express®.

See M30A in the MOD Express program section of this catalog for more details.

Jet pump, single phase, ODP

1/3 thru 3 Hp

IP23



Features:

- Automatic thermal overload protection
- Corrosion resistant stainless steel shaft extension
- Slotted opposite DE shaft for easy installation
- Superior switch design provides optimized torque profiles
- Optimized airflow design providing higher horsepower in a smaller package

Applications:

- Industrial pumps
- Swimming pool pumps
- General purpose pumps
- Commercial machinery
- Food and beverage
- Wastewater
- Agricultural

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted											
1/3	3600	56J	CJL1205A	332	PJ1	11.91	23	58	115/230	3.1	
	1800	56J	CJL1301A	497	PJ1	11.89	23	60	115/208-230	3	30
1/2	3600	56J	CJL1303A	344	PJ1	12.51	30	66	115/230	3.7	
	1800	56J	CJL1304A	562	PJ1	12.14	25	62	115/230	4.2	30
3/4	3600	56J	CJL1306A	439	PJ1	13.39	30	69	115/230	5.5	
	1800	56J	CJL1307A	644	PJ1	12.25	35	63	115/230	5.4	
1	3600	56J	CJL1309A	450	PJ1	13.89	32	65	115/208-230	7	30
1 1/2	3600	56J	CJL1313A	624	PJ1	13.89	37	78.5	115/230	6.5	
2	3600	56J	CJL1317A	835	PJ1	13.25	45	70	115/230	13	30
Footless											
1/3	3600	56J	JL1205A	291	PJ1	11.89	25	58	115/230	3.1	
	1800	56J	JL1301A	335	PJ1	11.89	23	60	115/230	3	30
1/2	3600	56J	JL1303A	327	PJ1	12.51	26	66	115/230	3.7	
	1800	56J	JL1304A	394	PJ1	12.14	25	62	115/230	4.2	30
3/4	3600	56J	JL1306A	430	PJ1	13.39	33	69	115/230	5.5	
	1800	56J	JL1307A	497	PJ1	13.89	33	68	115/230	5.1	30
1	3600	56J	JL1309A	446	PJ1	13.89	32	65	115/230	7	30
1 1/2	3600	56J	JL1313A	622	PJ1	13.89	36	78.5	115/230	6.5	
2	3600	56J	JL1317A	767	PJ1	13.25	45	70	115/230	13	30
3	3600	56J	JL1323A	787	PJ1	14.13	52	82.5	230	13	30

(a) See notes on inside back flap.

All threaded shaft, single phase motors are connected single rotation - CCW when viewing drive end.

All above ratings can be UL 1081 compliant through MOD Express®.

See M30A in the MOD Express program section of this catalog for more details.

Jet pump, three phase, TEFC

1/3 thru 3 Hp

IP44



Features:

- Corrosion resistant stainless steel shaft extension
- Slotted opposite DE shaft for easy installation
- Dynamically balanced rotor to reduce noise and increase bearing life

Applications:

- Industrial pumps
- Swimming pool pumps
- General purpose pumps
- Commercial machinery
- Food and beverage
- Wastewater
- Agricultural

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Footless											
1/3	3600	56J	JM3457	351	PJ3	11.84	19	62	230/460	0.8	30
	1800	56J	JM3458	380	PJ3	11.84	21	68	230/460	0.8	30
1/2	3600	56J	JM3460	380	PJ3	11.84	21	70	230/460	1.2	30
	1800	56J	JM3461	448	PJ3	11.84	23	74	230/460	1	30
3/4	3600	56J	JM3463	416	PJ3	11.84	23	74	208-230/460	1.5	
	1800	56J	JM3542	484	PJ3	11.84	26	75.5	208-230/460	1.5	
1	3600	56J	EJM3545	651	PJ3	12.47	27	77	230/460	1.6	30
	1800	56J	EJM3546	748	PJ3	13.74	37	85.5	230/460	1.7	30
1 1/2	3600	56J	EJM3550	736	PJ3	12.72	38	84	230/460	1.9	30
	1800	56J	EJM3554	830	PJ3	13.74	41	86.5	230/460	2.3	1, 30
2	3600	56J	EJM3555	805	PJ3	13.74	41	85.5	230/460	2.5	30
	1800	56J	EJM3558	877	PJ3	14.62	48	86.5	230/460	2.9	1, 30
3	3600	56J	EJM3559	881	PJ3	14.62	50	86.5	230/460	3.6	1, 30
Foot mounted											
1/2	1800	56J	CJM3538	475	PJ3	11.84	23	74	230/460	1	30
3/4	1800	56J	CJM3542	503	PJ3	11.84	25	75.5	208-230/460	1.5	
575 volts											
1/2	3600	56J	JM3460-5	380	PJ3	11.84	21	68	575	1	
3/4	3600	56J	JM3463-5	416	PJ3	11.84	23	74	575	1.2	
1	3600	56J	EJM3545-5	651	PJ3	12.47	27	77	575	1.2	
2	3600	56J	EJM3555-5	805	PJ3	13.74	41	85.5	575	2	
3	3600	56J	EJM3559-5	881	PJ3	14.62	50	86.5	575	2.9	

(a) See notes on inside back flap.

All above ratings can be UL 1081 compliant through MOD Express®.

See M30A in the MOD Express program section of this catalog for more details.

Jet pump, three phase, ODP

1/3 thru 3 Hp

IP23



Features:

- Corrosion resistant stainless steel shaft extension
- Slotted opposite DE shaft for easy installation
- Dynamically balanced rotor to reduce noise and increase bearing life
- Optimized airflow design providing higher horsepower in a smaller package

Applications:

- Industrial pumps
- Swimming pool pumps
- General purpose pumps
- Commercial machinery
- Food and beverage
- Wastewater
- Agricultural

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Footless											
1/3	3600	56J	JM3006	320	PJ3	11.72	19	62	230/460	0.8	30
1/2	3600	56J	JM3107	338	PJ3	11.72	21	70	230/460	1.2	30
	1800	56J	JM3108	404	PJ3	11.85	23	74	230/460	1	30
3/4	3600	56J	JM3111	401	PJ3	11.72	23	74	208-230/460	1.5	
	1800	56J	JM3112	446	PJ3	12.34	27	75.5	208-230/460	1.5	
1	3600	56J	JM3115	446	PJ3	12.34	32	77	230/460	1.6	30
	1800	56J	JM3116	489	PJ3	13.22	30	78.5	208-230/460	1.7	1
1 1/2	3600	56J	JM3120	532	PJ3	13.22	30	74	230/460	2.2	30
	1800	56J	JM3154	582	PJ3	13.72	34	77	208-230/460	2.8	
2	3600	56J	JM3155	632	PJ3	13.72	35	82.5	230/460	2.7	30
3	3600	56J	JM3158	750	PJ3	13.72	42	80	208-230/460	4	
Foot mounted											
1/3	1800	56J	CJM3104	383	PJ3	11.85	22	68	230/460	0.8	30
1/2	3600	56J	CJM3107	351	PJ3	11.72	22	70	230/460	1.2	30
	1800	56J	CJM3108	428	PJ3	11.72	24	74	230/460	1	30
3/4	3600	56J	CJM3111	401	PJ3	11.72	28	74	208-230/460	1.5	
	1800	56J	CJM3112	459	PJ3	12.34	27	75.5	208-230/460	1.5	
1	3600	56J	CJM3115	448	PJ3	12.34	29	77	230/460	1.6	30
1 1/2	3600	56J	CJM3120	546	PJ3	13.22	31	81.5	230/460	2	30
2	3600	56J	CJM3155	649	PJ3	13.72	34	82.5	230/460	2.7	30
3	3600	56J	CJM3158	768	PJ3	13.74	41	80	208-230/460	4	

(a) See notes on inside back flap.

All above ratings can be UL 1081 compliant through MOD Express®.

See M30A in the MOD Express program section of this catalog for more details.

Washdown, jet pump, three phase, TEFC, C-Face

3/4 thru 3 Hp

IP55



Features:

- 300 series stainless steel hardware and shaft extension
- Footless
- Neoprene gaskets
- Double sealed ball bearings
- Lip and V-Ring seal on DE
- White epoxy, corrosion resistant finish
- Easy removable drain plugs

Applications:

- Food processing
- Wet environment
- Pumps and wastewater

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Footless											
3/4	3600	56J	JWDM3463	666	WDW	12.72	33	68	208-230/460	1.4	1, 30
1	3600	56J	JEWDM3545	1,052	WDW	12.72	38	78.5	208-230/460	1.6	1, 30
1 1/2	3600	56J	JEWDM3550	1,111	WDW	13.72	41	84	208-230/460	2	1, 30
2	3600	56J	JEWDM3555	1,234	WDW	13.72	41	85.5	230/460	2.5	1, 30
3	3600	56J	JEWDM3559	1,463	WDW	15.97	64	87.5	208-230/460	3.5	1, 30
Foot mounted											
3/4	3600	56J	CJWDM3463	671	WDW	12.72	33	68	208-230/460	1.4	1, 30
1	3600	56J	CJEWDM3545	1,057	WDW	12.72	38	78.5	208-230/460	1.6	1, 30
1 1/2	3600	56J	CJEWDM3550	1,117	WDW	13.72	41	84	208-230/460	2	1, 30
2	3600	56J	CJEWDM3555	1,239	WDW	13.72	41	85.5	230/460	2.5	1, 30
3	3600	56J	CJEWDM3559	1,468	WDW	15.98	64	87.5	208-230/460	3.5	1, 30

(a) See notes on inside back flap.

Square flange pump, ODP

1/2 thru 2 Hp

IP23



Features:

- Corrosion resistant stainless steel shaft extension
- Dynamically balanced rotor to reduce noise and increase bearing life
- Heavy gauge steel design
- Safeguard drip cover

Applications:

- Square flange pumps
- Swimming pool pumps
- General purpose pumps
- Commercial machinery
- Food and beverage
- Wastewater
- Agricultural

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Single phase											
1/2	3600	56Y	JSL325A	376	PJ1	11.35	24	70	115/230	3.3	30
3/4	3600	56Y	JSL425A	399	PJ1	11.97	26	62	115/230	5.1	30
1	3600	56Y	JSL525A	426	PJ1	12.72	30	70	115/230	6.3	30
1 1/2	3600	56YZ	JSL625A	580	PJ1	14.44	42	72	115/230	9	30
2	3600	56YZ	JSL725A	582	PJ1	14.44	47	74	115/230	11	30
Three phase											
1/2	3600	56YZ	JSM3107	338	PJ3	11.40	21	70	230/460	1.2	30
3/4	3600	56YZ	JSM3111	400	PJ3	11.40	24	74	208-230/460	1.5	
1	3600	56YZ	JSM3115	443	PJ3	12.02	27	77	230/460	1.6	30
1 1/2	3600	56YZ	JSM3120	528	PJ3	12.77	31	81.5	230/460	2	30
2	3600	56YZ	JSM3155	625	PJ3	13.40	35	82.5	230/460	2.7	30

(a) See notes on inside back flap.

Close-coupled pump, single phase

3 thru 10 Hp

TEFC
IP44

ODP
IP23



Features:

- Oversize ball bearings for the pump industry
- Locked DE bearing to allow mounting in any configuration
- Dynamically balanced rotor to reduce noise and increase bearing life
- Superior switch design provides optimized torque profiles

Applications:

- Industrial pumps
- General purpose pumps
- Food and beverage
- Wastewater
- Agricultural
- Aggregate
- Cement

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Totally enclosed fan cooled, mechanical seal, Type JM											
3	3600	182JM	JML3606T	1,113	PC1	18.06	79	76	115/230	14.5	1, 30
5	3600	184JM	JML3608T	1,483	PC1	19.55	93	83	230	19.5	2, 20
Open drip proof, mechanical seal, Type JM											
3	3600	182JM	JML1406T	1,062	PC1	16.50	69	78	115/208-230	14	
	1800	184JM	JML1408T	1,217	PC1	16.50	80	78	115/230	16	30
5	3600	184JM	JML1409T	1,499	PC1	16.50	81	80	230	21.5	1, 30
	1800	213JM	JML1508T	1,727	PC1	18.19	115	77	230	27	
7 1/2	3600	213JM	JML1509T	2,150	PC1	18.19	116	81	230	37	30
	1800	215JM	JML1510T	2,274	PC1	19.31	142	85.5	230	31	30
10	3600	215JM	JML1511T	2,644	PC1	19.31	141	83	230	46	20, 30
	1800	215JM	JML1512T	2,815	PC1	20.95	150	84	230	41	20, 30
Open drip proof, packed pump, Type JP											
3	3600	182JP	JPL1406T	1,062	PC1	19.57	76	78	115/230	14	30
	1800	184JP	JPL1408T	1,217	PC1	19.57	87	78	115/230	16	30
5	3600	184JP	JPL1409T	1,499	PC1	19.57	88	80	230	21.5	1, 30
	1800	213JP	JPL1508T	1,727	PC1	22.07	117	77	230	27	
7 1/2	3600	213JP	JPL1509T	2,150	PC1	22.07	121	81	230	37	30
	1800	215JP	JPL1510T	2,274	PC1	23.19	143	85.5	230	31	30
10	3600	215JP	JPL1511T	2,644	PC1	23.19	148	83	230	46	20, 30
	1800	215JP	JPL1512T	2,815	PC1	20.95	142	84	230	41	20, 30
Open drip proof, west coast fit, Type TCZ											
3	3600	182TCZ	WCL1406T	1,069	PC1	19.69	81	78	115/230	14	30
	1800	184TCZ	WCL1408T	1,226	PC1	19.69	91	78	115/230	16	30
5	3600	184TCZ	WCL1409T	1,513	PC1	19.69	91	75	230	23	1, 30
	1800	213TCZ	WCL1508T	1,742	PC1	21.25	116	77	230	27	
7 1/2	3600	213TCZ	WCL1509T	2,164	PC1	21.25	117	81	230	37	30
10	3600	215TCZ	WCL1511T	2,669	PC1	22.38	143	83	230	46	20, 30

(a) See notes on inside back flap.

Close-coupled pump, three phase, foot mounted, with internal Aegis® Bearing Protection Ring

1 thru 50 hp



TEFC
IP44

ODP
IP23



Features:

- Internal grounding brush for bearing current mitigation on DE retainer ring
- Class H insulation for increased protection on Inverter use
- Oversize ball bearings for the pump industry
- Locked DE bearing to allow mounting in any configuration
- Designed for longevity with a 3 year warranty on premium efficient Super-E® motors
- Suitable for Inverter use per NEMA MG1 Part 31.4.4.2

Applications:

- Commercial pumps
- Pairing with a speed drive
- General purpose pumps
- Industrial pumps
- Food and beverage
- Agricultural

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Totally enclosed fan cooled											
1	1800	143JM	EJMM3546T-G	922	PC3	15.41	37	85.5	230/460	1.5	30
1 1/2	3600	143JM	EJMM3550T-G	917	PC3	15.41	38	86.5	230/460	1.9	30
	1800	143JM	EJMM3554T-G	1,066	PC3	15.41	41	84	230/460	2.2	30
2	3600	145JM	EJMM3555T-G	1,041	PC3	15.41	41	85.5	230/460	2.5	30
	1800	145JM	EJMM3558T-G	1,113	PC3	15.41	45	86.5	230/460	2.9	30
3	3600	182JM	EJMM3610T-G	1,157	PC3	16.91	60	86.5	230/460	3.6	30
	1800	182JM	EJMM3611T-G	1,252	PC3	18.06	76	89.5	230/460	4.2	30
5	3600	184JM	EJMM3613T-G	1,333	PC3	18.06	81	88.5	230/460	5.9	30
	1800	184JM	EJMM3615T-G	1,255	PC3	19.56	93	89.5	230/460	6.7	30
7 1/2	3600	213JM	EJMM3709T-G	1,735	PC3	19.76	124	89.5	230/460	9	30
	1800	213JM	EJMM3710T-G	1,854	PC3	20.89	134	91.7	230/460	9.4	30
10	3600	215JM	EJMM3711T-G	1,953	PC3	19.76	124	90.2	230/460	11.8	30
	1800	215JM	EJMM3714T-G	2,133	PC3	22.38	165	91.7	230/460	12	30
15	3600	254JM	EJMM2394T-G	3,384	PC3	25.30	260	91	230/460	17.5	30
	1800	254JM	EJMM2333T-G	3,357	PC3	25.30	265	92.4	230/460	18.1	30
20	3600	256JM	EJMM4106T-G	3,697	PC3	25.30	274	91	230/460	23	30
	1800	256JM	EJMM2334T-G	3,750	PC3	25.30	308	93	230/460	24	30
25	3600	284JM	EJMM4107T-G	4,349	PC3	26.96	265	91.7	230/460	29	30
	1800	284JM	EJMM4103T-G	4,207	PC3	26.96	437	93.6	230/460	31	30
30	3600	286JM	EJMM4108T-G	6,046	PC3	26.96	299	91.7	230/460	34	30
	1800	286JM	EJMM4104T-G	5,691	PC3	28.64	437	93.6	230/460	38	30
40	3600	324JM	EJMM4109T-G	6,411	PC3	30.64	470	92.4	230/460	45	30
	1800	324JM	EJMM4110T-G	6,977	PC3	30.64	578	94.1	230/460	48	30
50	3600	326JM	EJMM4114T-G	7,733	PC3	30.65	575	93	230/460	56	30
	1800	326JM	EJMM4115T-G	7,837	PC3	30.65	700	94.5	230/460	58	30

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates **NEW** product.

Close-coupled pump, three phase, foot mounted, with internal Aegis® Bearing Protection Ring

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Open drip proof											
1	1800	143JM	EJMM3116T-G	873	PC3	13.75	37	85.5	230/460	1.5	30
1 1/2	1800	145JM	EJMM3154T-G	931	PC3	13.75	41	86.5	230/460	2.2	30
2	1800	145JM	EJMM3157T-G	1,003	PC3	14.25	44	86.5	230/460	2.9	30
3	3600	145JM	EJMM3158T-G	1,116	PC3	15.13	51	85.5	230/460	3.8	30
	1800	182JM	EJMM3211T-G	1,134	PC3	16.50	74	89.5	230/460	4.2	30
5	3600	182JM	EJMM3212T-G	1,340	PC3	15.12	64	86.5	230/460	6	30
	1800	184JM	EJMM3218T-G	1,255	PC3	18.00	88	89.5	230/460	6.6	30
7 1/2	3600	184JM	EJMM3219T-G	1,546	PC3	16.50	78	88.5	230/460	8.6	30
	1800	213JM	EJMM3311T-G	1,831	PC3	18.19	120	91	230/460	9.7	30
10	3600	213JM	EJMM3312T-G	1,984	PC3	18.19	121	89.5	230/460	12	30
	1800	215JM	EJMM3313T-G	1,959	PC3	19.31	132	91.7	230/460	12.5	30
15	3600	215JM	EJMM3314T-G	2,479	PC3	18.19	134	90.2	230/460	17.5	30
	1800	254JM	EJMM2513T-G	2,804	PC3	23.19	213	93	230/460	17.7	30
20	3600	254JM	EJMM2514T-G	3,045	PC3	23.19	185	91	230/460	23.5	30
	1800	256JM	EJMM2515T-G	3,260	PC3	24.69	255	93	230/460	24	30
25	3600	256JM	EJMM2516T-G	3,850	PC3	23.19	233	91.7	230/460	28	30
	1800	284JM	EJMM2531T-G	3,958	PC3	25.94	377	93.6	230/460	30	30
30	3600	284JM	EJMM2534T-G	4,512	PC3	24.69	320	91.7	230/460	35	30
	1800	286JM	EJMM2535T-G	4,570	PC3	26.94	378	94.1	230/460	36	30
40	3600	286JM	EJMM2538T-G	5,493	PC3	24.69	330	92.4	230/460	46	30
	1800	324JM	EJMM2539T-G	5,820	PC3	27.44	378	94.1	230/460	49	30
50	3600	324JM	EJMM2542T-G	6,080	PC3	27.44	375	93	230/460	56	30
	1800	326JM	EJMM2543T-G	6,287	PC3	27.94	497	94.5	230/460	57	30

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

Close-coupled pump, three phase, TEFC

1 thru 50 Hp

IP44



Features:

- Oversize ball bearings for the pump industry
- Locked DE bearing to allow mounting in any configuration
- Designed for longevity with a 3 year warranty on premium efficient Super-E® motors
- Suitable for Inverter use per NEMA MG1 Part 31.4.4.2

Applications:

- General purpose pumps
- Industrial applications
- Commercial pumps
- Food and beverage
- Wastewater
- Agricultural
- Aggregate

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volts											
1	1800	143JM	EJMM3546T	827	PC3	15.43	40	85.5	230/460	1.5	1, 30
	3600	143JM	EJMM3550T	822	PC3	15.43	47	84	230/460	1.9	1, 30
1 1/2	1800	145JM	EJMM3554T	881	PC3	15.43	44	86.5	230/460	2.2	1, 30
	3600	145JM	EJMM3555T	946	PC3	15.43	47	85.5	230/460	2.5	1, 30
2	1800	145JP	EJPM3554T	971	PC3	18.50	41	86.5	230/460	2.2	1, 30
	3600	145JP	EJPM3555T	946	PC3	18.49	41	85.5	230/460	2.5	1, 30
3	1800	145JM	EJMM3558T	1,066	PC3	15.43	50	86.5	230/460	2.9	1, 30
	3600	145JM	EJMM3559T	1,022	PC3	16.31	54	86.5	230/460	3.6	1, 30
5	1800	145JP	EJPM3558T	1,018	PC3	19.37	48	86.5	230/460	2.9	1, 30
	3600	145JP	EJPM3559T	1,022	PC3	19.37	50	86.5	230/460	3.6	1, 30
7 1/2	1800	182JM	EJMM3610T	1,210	PC3	16.81	56	86.5	230/460	3.6	1, 30
	3600	182JM	EJMM3611T	1,146	PC3	18.06	76	89.5	230/460	4.2	1, 30
10	1800	182JP	EJPM3610T	1,138	PC3	19.87	50	86.5	230/460	3.6	1, 30
	3600	182JP	EJPM3611T	1,146	PC3	21.11	70	89.5	230/460	4.2	1, 30
15	1800	184JM	EJMM3613T	1,234	PC3	18.06	79	88.5	230/460	5.9	1, 30
	3600	184JM	EJMM3615T	1,047	PC3	19.56	93	89.5	230/460	6.7	1, 30
20	1800	184JP	EJPM3613T	1,234	PC3	21.11	81	88.5	230/460	5.6	1, 30
	3600	184JP	EJPM3615T	1,175	PC3	22.61	96	89.5	230/460	6.9	1, 30
25	1800	184JM	EJMM3616T	1,392	PC3	19.56	101	89.5	230/460	8.4	1, 30
	3600	184JM	EJMM3616T	1,546	PC3	22.61	96	89.5	230/460	9.7	1, 30
30	1800	213JM	EJMM3709T	1,474	PC3	19.76	125	89.5	230/460	9	1, 30
	3600	213JM	EJMM3710T	1,660	PC3	20.88	134	91.7	230/460	9.4	1, 30
35	1800	213JP	EJPM3709T	1,799	PC3	23.64	121	89.5	230/460	9	1, 30
	3600	213JP	EJPM3710T	1,660	PC3	24.79	129	91.7	230/460	10.7	1, 30
40	1800	213TCZ	EWCM3709T	1,764	PC3	23.45	96	89.5	230/460	9.7	1, 30
	3600	213TCZ	EWCM3710T	1,625	PC3	23.95	129	91.7	230/460	10.7	1, 30
45	1800	215JM	EJMM3711T	1,819	PC3	19.76	130	90.2	230/460	11.8	1, 30
	3600	215JM	EJMM3711T	1,784	PC3	22.82	118	90.2	230/460	11.8	1, 30
50	1800	215JP	EJPM3711T	1,819	PC3	23.64	118	90.2	230/460	11.8	1, 30
	3600	215JP	EJPM3714T	1,872	PC3	22.39	165	91.7	230/460	12	1, 30
55	1800	215TCZ	EWCM3714T	1,796	PC3	25.45	187	91.7	230/460	12.6	1, 30
	3600	215TCZ	EWCM3713T	2,549	PC3	22.39	169	91	230/460	17	1, 30
60	1800	215JM	EJMM3713T	2,429	PC3	26.29	169	91	230/460	17	1, 30
	3600	215JM	EJMM3713T	2,394	PC3	25.45	169	91	230/460	17	1, 30
65	1800	254JM	EJMM2394T	3,234	PC3	25.30	257	91	230/460	17.5	1, 30
	3600	254JM	EJMM2333T	3,064	PC3	25.30	265	92.4	230/460	18.5	1, 30
70	1800	254JP	EJPM2394T	3,234	PC3	28.16	260	91	230/460	17.8	1, 30
	3600	254JP	EJPM2333T	3,064	PC3	28.16	265	92.4	230/460	18.5	1, 30
75	1800	256JM	EJMM4106T	3,480	PC3	25.30	281	91	230/460	23	1, 30
	3600	256JM	EJMM2334T	3,510	PC3	28.16	304	93	230/460	24	1, 30
80	1800	256JP	EJPM4106T	3,480	PC3	28.16	264	91	230/460	23	1, 30
	3600	256JP	EJPM2334T	3,510	PC3	28.16	300	93	230/460	24	1, 30

(a) See notes on inside back flap.

Cast iron frame

Close-coupled pump, three phase, TEFC

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volts (continued)											
25	3600	284JM	EJMM4107T	3,955	PC3	26.96	353	91.7	230/460	29	20, 30
		284JP	EJPM4107T	3,955	PC3	29.84	349	91.7	230/460	29	20, 30
	1800	284JM	EJMM4103T	4,097	PC3	28.64	387	93.6	230/460	30	1, 30
		284JP	EJPM4103T	4,097	PC3	31.51	412	93.6	230/460	30	1, 30
30	3600	286JM	EJMM4108T	5,439	PC3	28.64	406	91.7	230/460	33	1, 30
		286JP	EJPM4108T	5,439	PC3	31.51	405	91.7	230/460	35	1, 30
	1800	286JM	EJMM4104T	5,794	PC3	28.64	422	93.6	230/460	36	1, 30
		286JP	EJPM4104T	5,794	PC3	31.51	452	93.6	230/460	36	1, 30
40	3600	324JM	EJMM4109T	6,159	PC3	30.64	487	92.4	230/460	45	1, 30
		324JP	EJPM4109T	6,159	PC3	33.51	498	92.4	230/460	45	1, 30
	1800	324JM	EJMM4110T	6,725	PC3	30.65	586	94.1	230/460	48	1, 30
		324JP	EJPM4110T	6,725	PC3	33.41	602	94.1	230/460	48	1, 30
50	3600	326JM	EJMM4114T	7,481	PC3	30.65	595	93	230/460	56	1, 30
		326JP	EJPM4114T	7,481	PC3	33.41	604	93	230/460	56	1, 30
	1800	326JM	EJMM4115T	7,585	PC3	30.65	624	94.5	230/460	58	1, 30
		326JP	EJPM4115T	7,585	PC3	33.41	646	94.5	230/460	58	1, 30
575 volts											
1	1800	143JM	EJMM3546T-5	889	PC3	15.43	38	85.5	575	1.2	1
1 1/2	3600	143JM	EJMM3550T-5	877	PC3	15.41	38	84	575	1.5	
	1800	145JM	EJMM3554T-5	971	PC3	15.43	41	86.5	575	1.8	1
2	3600	145JM	EJMM3555T-5	946	PC3	15.41	41	85.5	575	2	
	1800	145JM	EJMM3558T-5	1,018	PC3	15.43	45	86.5	575	2.3	1
3	3600	145JM	EJMM3559T-5	1,022	PC3	16.29	50	86.5	575	2.9	1
		182JM	EJMM3610T-5	1,138	PC3	16.69	63	86.5	575	2.9	
	1800	182JM	EJMM3611T-5	1,146	PC3	18.06	70	89.5	575	3.3	1
5	3600	184JM	EJMM3613T-5	1,234	PC3	18.06	74	88.5	575	4.7	1
	1800	184JM	EJMM3615T-5	1,175	PC3	19.56	93	89.5	575	5.3	1
7 1/2	3600	184JM	EJMM3616T-5	1,546	PC3	19.56	96	89.5	575	6.8	1
	1800	213JM	EJMM3710T-5	1,660	PC3	20.88	127	91.7	575	7.6	1, 35
10	3600	215JM	EJMM3711T-5	1,819	PC3	19.76	118	90.2	575	9.5	20
	1800	215JM	EJMM3714T-5	1,831	PC3	22.38	165	91.7	575	9.6	1,35
		215JM	EJMM3713T-5	2,429	PC3	22.38	169	91	575	13.4	1
15	3600	254JM	EJMM2394T-5	3,234	PC3	23.07	225	91	575	13.5	1, 35
	1800	254JM	EJMM2333T-5	3,020	PC3	25.30	268	92.4	575	14.6	1, 35

(a) See notes on inside back flap.
Cast iron frame

Close-coupled pump, three phase, TEFC, footless

1 thru 20 Hp

IP44



Features:

- Oversize ball bearings for the pump industry
- Locked DE bearing to allow mounting in any configuration
- Designed for longevity with a 3 year warranty on premium efficient Super-E® motors
- Suitable for Inverter use per NEMA MG1 Part 31.4.4.2

Applications:

- General purpose pumps
- Industrial applications
- Commercial pumps
- Food and beverage
- Wastewater
- Agricultural
- Aggregate

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volts											
1	1800	143JM	VEJMM3546T	691	PC3	14.43	38	85.5	230/460	1.5	1, 30
1 1/2	1800	145JM	VEJMM3554T	729	PC3	15.43	45	86.5	230/460	2.2	1, 30
2	1800	145JM	VEJMM3558T	873	PC3	15.43	44	86.5	230/460	2.9	1, 30
3	1800	182JM	VEJMM3611T	996	PC3	18.05	74	89.5	230/460	4.2	1, 30
5	1800	184JM	VEJMM3615T	1,175	PC3	19.55	90	89.5	230/460	6.7	1, 30
	3600	213JM	VEJMM3709T	1,799	PC3	19.76	121	89.5	230/460	9	1, 30
7 1/2	1800	213JM	VEJMM3710T	1,682	PC3	20.92	136	91.7	230/460	9.4	1, 30
10	1800	215JM	VEJMM3714T	1,948	PC3	22.40	165	91.7	230/460	12	1, 30
15	1800	254JM	VEJMM2333T	3,297	PC3	25.28	278	92.4	230/460	18.1	1, 30
20	1800	256JM	VEJMM2334T	3,510	PC3	25.28	303	93	230/460	24	1, 30
575 volts											
1	1800	143JM	VEJMM3546T-5	889	PC3	15.43	38	86.5	575	1.1	1
1 1/2	1800	145JM	VEJMM3554T-5	971	PC3	16.31	41	86.5	575	1.6	1
2	1800	145JM	VEJMM3558T-5	1,018	PC3	15.43	45	86.5	575	2.2	1
3	1800	182JM	VEJMM3611T-5	1,146	PC3	18.05	70	89.5	575	3.1	1
5	1800	184JM	VEJMM3615T-5	1,175	PC3	19.55	93	89.5	575	5.3	1
7 1/2	1800	213JM	VEJMM3710T-5	1,660	PC3	20.92	127	91.7	575	7.6	1, 35
10	1800	215JM	VEJMM3714T-5	1,831	PC3	22.42	165	91.7	575	9.6	1, 35
15	1800	254JM	VEJMM2333T-5	3,020	PC3	25.28	255	92.4	575	14.6	1, 35
20	1800	256JM	VEJMM2334T-5	3,510	PC3	25.28	303	93	575	19.2	1, 35

(a) See notes on inside back flap.

■ Cast iron frame

Close-coupled pump, three phase, ODP

1 thru 75 Hp

IP23



Features:

- Rodent screens to protect against trash debris
- Oversize ball bearings for the pump industry
- Locked DE bearing to allow mounting in any configuration
- Designed for longevity with a 3 year warranty on premium efficient Super-E® Motors
- Suitable for Inverter use per NEMA MG1 Part 31.4.4.2

Applications:

- General purpose pumps
- Industrial applications
- Commercial pumps
- Food and beverage
- Wastewater
- Agricultural
- Aggregate

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted, 230/460											
1	1800	143JM	EJMM3116T	707	PC3	13.75	38	85.5	230/460	1.5	1, 30
		143JP	EJPM3116T	862	PC3	16.81	38	85.5	230/460	1.5	1, 30
	3600	143JM	EJMM3120T	763	PC3	13.75	34	84	230/460	2	1, 30
1 1/2	1800	145JM	EJMM3154T	765	PC3	13.75	38	86.5	230/460	2.2	1, 30
		145JP	EJPM3154T	894	PC3	16.81	37	86.5	230/460	2.2	1, 30
	3600	145JM	EJMM3155T	869	PC3	13.75	44	85.5	230/460	2.5	1, 30
2	1800	145JM	EJMM3157T	837	PC3	14.25	44	86.5	230/460	2.9	1, 30
		145JP	EJPM3157T	947	PC3	17.31	43	86.5	230/460	2.9	1, 30
	3600	145JM	EJMM3158T	950	PC3	15.13	49	85.5	230/460	3.8	1, 30
3	1800	145JP	EJPM3158T	878	PC3	17.31	48	85.5	230/460	3.8	1, 30
		182JM	EJMM3211T	926	PC3	16.50	72	89.5	230/460	4.2	1, 30
	3600	182JP	EJPM3211T	1,114	PC3	19.56	74	89.5	230/460	4.2	1, 30
5	1800	182JM	EJMM3212T	1,132	PC3	15.12	64	86.5	230/460	6	1, 30
		182JP	EJPM3212T	1,050	PC3	18.18	63	86.5	230/460	6	1, 30
	3600	182TCZ	EWCM3212T	1,027	PC3	18.32	63	86.5	230/460	6	1, 30
7 1/2	1800	184JM	EJMM3218T	1,047	PC3	18.00	87	89.5	230/460	6.6	1, 30
		184JP	EJPM3218T	1,196	PC3	21.06	92	89.5	230/460	6.6	1, 30
	1200	215JM	EJMM3309T	1,785	PC3	19.31	141	89.5	230/460	7.4	1, 30
10	1800	184JM	EJMM3219T	1,338	PC3	16.50	78	88.5	230/460	8.6	1, 30
		184JP	EJPM3219T	1,515	PC3	19.56	77	88.5	230/460	8.6	1, 30
	1200	184TCZ	EWCM3219T	1,492	PC3	19.69	77	88.5	230/460	8.6	1, 30
15	1800	213JM	EJMM3311T	1,715	PC3	18.19	120	91	230/460	9.7	1, 30
		213JP	EJPM3311T	1,715	PC3	20.94	130	91	230/460	9.3	1, 30
	1200	254JM	EJMM2506T	2,453	PC3	24.69	248	90.2	230/460	11	1, 30
20	1800	213JM	EJMM3312T	1,774	PC3	18.19	120	89.5	230/460	12	1, 30
		213JP	EJPM3312T	1,774	PC3	22.07	122	89.5	230/460	12	1, 30
	1200	213TCZ	EWCM3312T	1,739	PC3	21.25	121	89.5	230/460	12	1, 30
25	1800	215JM	EJMM3313T	1,698	PC3	19.31	136	91.7	230/460	12.5	1, 30
		215JP	EJPM3313T	1,698	PC3	23.20	138	91.7	230/460	12.5	1, 30
	1200	256JM	EJMM2511T	2,977	PC3	24.69	255	91.7	230/460	14.3	1, 30
30	1800	215JM	EJMM3314T	2,379	PC3	18.19	131	90.2	230/460	17.5	1, 30
		215JP	EJPM3314T	2,379	PC3	22.07	134	90.2	230/460	17.5	1, 30
	1200	215TCZ	EWCM3314T	2,344	PC3	21.25	131	90.2	230/460	17.5	1, 30
40	1800	254JM	EJMM2513T	2,511	PC3	23.19	214	93	230/460	17.7	1, 30
		254JP	EJPM2513T	2,511	PC3	26.06	219	93	230/460	17.7	1, 30
	1200	284JM	EJMM2524T	3,907	PC3	24.69	300	91.7	230/460	20.5	1, 30
50	1800	254JM	EJMM2514T	2,793	PC3	23.19	195	91	230/460	23.5	1, 30
		254JP	EJPM2514T	2,793	PC3	26.06	220	91	230/460	23.5	1, 30
	1200	256JM	EJMM2515T	3,008	PC3	23.19	248	93	230/460	23.5	1, 30
60	1800	256JP	EJPM2515T	3,008	PC3	26.06	236	93	230/460	23.5	1, 30
		256JM	EJMM2516T	3,598	PC3	23.19	219	91.7	230/460	28	1, 30
	1200	256JP	EJPM2516T	3,598	PC3	26.06	230	91.7	230/460	28	1, 30
75	1800	284JM	EJMM2531T	3,578	PC3	25.94	317	93.6	230/460	30	1, 30
		284JP	EJPM2531T	3,578	PC3	28.81	335	93.6	230/460	30	1, 30

(a) See notes on inside back flap.

Close-coupled pump, three phase, ODP

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted, 230/460 (continued)											
30	3600	284JM	EJMM2534T	4,260	PC3	26.56	309	91.7	230/460	33	1, 30
		284JP	EJPM2534T	4,260	PC3	29.44	310	91.7	230/460	33	1, 30
	1800	286JM	EJMM2535T	4,318	PC3	25.94	359	94.1	230/460	35	1, 30
		286JP	EJPM2535T	4,318	PC3	28.81	370	94.1	230/460	35	1, 30
40	3600	286JM	EJMM2538T	5,241	PC3	26.56	328	92.4	230/460	45	1, 30
		286JP	EJPM2538T	5,241	PC3	29.44	329	92.4	230/460	45	1, 30
	1800	324JM	EJMM2539T	5,568	PC3	27.44	417	94.1	230/460	49	1, 30
		324JP	EJPM2539T	5,568	PC3	30.31	378	94.1	230/460	47	1, 30
50	3600	324JM	EJMM2542T	5,828	PC3	26.94	421	93	230/460	58	1, 30
		324JP	EJPM2542T	5,828	PC3	29.81	424	93	230/460	58	1, 30
	1800	326JM	EJMM2543T	6,035	PC3	27.94	491	94.5	230/460	57	1, 30
		326JP	EJPM2543T	6,035	PC3	30.81	500	94.5	230/460	57	1, 30
60	3600	326JM	EJMM2546T	7,095	PC3	26.94	472	93.6	230/460	68	1, 30
	1800	364JP	EJPM2547T	7,451	PC3	33.19	565	95	230/460	68	1, 30
75	1800	365JP	EJPM2551T	8,878	PC3	36.22	597	95	230/460	87	1, 30
Foot mounted, 575 volts											
3	3600	145JM	EJMM3158T-5	878	PC3	14.25	48	85.5	575	3	
	1800	182JM	EJMM3211T-5	1,114	PC3	16.50	74	89.5	575	3.1	1
5	3600	182JM	EJMM3212T-5	1,050	PC3	16.50	63	90.2	575	4.5	
	1800	184JM	EJMM3218T-5	1,196	PC3	18.00	92	89.5	575	5.2	1
7 1/2	3600	184JM	EJMM3219T-5	1,515	PC3	16.50	77	88.5	575	6.9	1
	1800	213JM	EJMM3311T-5	1,715	PC3	18.19	120	91	575	7.4	1, 35
10	3600	213JM	EJMM3312T-5	1,774	PC3	19.31	137	91.7	575	9.2	
	1800	215JM	EJMM3313T-5	2,006	PC3	18.19	132	91.7	575	10	1
15	3600	215JM	EJMM3314T-5	2,379	PC3	19.31	131	90.2	575	14	1
Footless, 230/460											
1	1800	143JM	VEJMM3116T	707	PC3	14.43	37	85.5	230/460	1.5	1, 30
1 1/2	1800	145JM	VEJMM3154T	758	PC3	15.43	43	86.5	230/460	2.2	1, 30
2	1800	145JM	VEJMM3157T	829	PC3	15.43	46	86.5	230/460	2.9	1, 30
3	3600	145JM	VEJMM3158T	878	PC3	14.25	48	85.5	230/460	3.8	1, 30
	1800	184JM	VEJMM3211T	910	PC3	18.06	74	89.5	230/460	4.2	1, 30
5	3600	182JM	VEJMM3212T	1,050	PC3	16.66	63	86.5	230/460	6	1, 30
	1800	184JM	VEJMM3218T	1,030	PC3	19.56	84	89.5	230/460	6.6	1, 30
7 1/2	3600	184JM	VEJMM3219T	1,515	PC3	18.04	77	88.5	230/460	8.6	1, 30
	1800	213JM	VEJMM3311T	1,554	PC3	19.78	125	91	230/460	9.6	1, 30
10	3600	213JM	VEJMM3312T	1,774	PC3	18.19	121	89.5	230/460	12	1, 30
	1800	215JM	VEJMM3313T	1,682	PC3	22.41	165	91.7	230/460	12	1, 30
15	3600	215JM	VEJMM3314T	2,379	PC3	18.69	131	90.2	230/460	17.5	1, 30
Footless, 575 volts											
1	1800	143JM	VEJMM3116T-5	707	PC3	15.43	44.00	86.5	575	1.1	
1 1/2	1800	145JM	VEJMM3154T-5	758	PC3	16.31	51.00	86.5	575	1.6	
2	1800	145JM	VEJMM3157T-5	829	PC3	16.31	52.00	86.5	575	2.1	
3	1800	182JM	VEJMM3211T-5	910	PC3	18.06	74.00	89.5	575	3.1	
5	1800	184JM	VEJMM3218T-5	1,030	PC3	18.06	77.00	89.5	575	5.2	

(a) See notes on inside back flap.

Close-coupled pump, three phase, totally enclosed, foot mounted

1 thru 20 Hp

IP55



Features:

- Oversized, double sealed ball bearings
- Locked DE bearing
- Neoprene gaskets
- Lip and V-Ring seal on DE
- NEMA Premium® efficiency
- White epoxy, corrosion resistant finish
- 300 series stainless steel hardware and shaft extension

Applications:

- Water pumps commercial and industrial
- Food processing
- Wet environment

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	3600	143JM	TENV	JMEWDM3545T	1,093	WDW	15.41	35	84	230/460	1.4	1
	1800	143JM	TENV	JMEWDM3546T	1,141	WDW	14.25	39	85.5	230/460	1.5	1, 30
1 1/2	3600	143JM	TENV	JMEWDM3550T	1,147	WDW	14.28	48	85.5	208-230/460	2	1, 30
	1800	145JM	TENV	JMEWDM3554T	1,192	WDW	15.16	50	86.5	230/460	2.1	30
2	3600	145JM	TEFC	JMEWDM3555T	1,252	WDW	15.43	47	85.5	208-230/460	2.5	1, 30
	1800	145JM	TEFC	JMEWDM3558T	1,305	WDW	16.34	48	86.5	230/460	2.9	1, 30
3	3600	145JM	TEFC	JMEWDM3559T	1,529	WDW	16.31	50	86.5	230/460	3.6	1, 30
	1800	182JM	TEFC	JMEWDM3611T	1,712	WDW	18.05	70	89.5	230/460	4.2	1, 30
5	3600	184JM	TEFC	JMEWDM3613T	2,018	WDW	18.05	81	88.5	230/460	5.6	1, 30
		184JM	TEFC	JMEWDM3613T-5	2,018	WDW	18.05	74	88.5	575	4.7	10
	1800	184JM	TEFC	JMEWDM3615T	1,928	WDW	19.55	93	89.5	230/460	6.7	1, 30
7 1/2	3600	184JM	TEFC	JMEWDM3616T	2,391	WDW	19.55	96	89.5	230/460	8.4	1, 30
	1800	213JM	TEFC	JMEWDM3710T	2,423	WDW	20.91	151	91.7	230/460	9.5	1, 30
10	3600	215JM	TEFC	JMEWDM3711T	3,087	WDW	20.91	130	90.2	208-230/460	10.8	1, 30
	1800	215JM	TEFC	JMEWDM3714T	2,576	WDW	22.41	165	91.7	230/460	12	1, 30
15	3600	215JM	TEFC	JMEWDM3713T	3,851	WDW	21.64	169	91	230/460	17	1, 30
	1800	254JM	TEFC	JMEWDM23933T	5,323	WDW	25.06	252	92.4	230/460	18	1, 30
20	3600	256JM	TEFC	JMEWDM41906T	6,180	WDW	25.06	255	91	230/460	23	2
	1800	256JM	TEFC	JMEWDM23934T	6,151	WDW	25.06	275	93	230/460	24	1, 30

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

NEW!

Close-coupled pump, three phase, totally enclosed, foot mounted, washdown features

25 thru 75 Hp

IP55**Features:**

- Oversized, double sealed ball bearings
- Locked DE bearing
- Neoprene gaskets
- Lip and V-Ring seal on DE
- NEMA Premium® efficiency
- White epoxy, corrosion resistant finish
- 300 series stainless steel hardware and shaft extension
- Rugged cast iron construction

Applications:

- Water pumps commercial and industrial
- Food processing
- Wet environment

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
25	3600	284JM	TEFC	JMEWDM4107T	5,157	WDW	28.44	446	91.7	230/460	30	1
	1800	284JM	TEFC	JMEWDM4103T	4,978	WDW	28.44	437	93.6	230/460	30	1
30	3600	286JM	TEFC	JMEWDM4108T	6,099	WDW	28.44	459	91.7	230/460	34	1, 30
	1800	286JM	TEFC	JMEWDM4104T	5,659	WDW	28.44	460	93.6	230/460	36	1
40	3600	324JM	TEFC	JMEWDM4109T	8,254	WDW	30.53	587	92.4	230/460	47	1
	1800	324JM	TEFC	JMEWDM4110T	7,335	WDW	30.53	600	94.1	230/460	46	1, 30
50	3600	326JM	TEFC	JMEWDM4114T	8,599	WDW	30.53	635	93	230/460	55	1
	1800	326JM	TEFC	JMEWDM4115T	8,427	WDW	30.53	700	94.5	230/460	57	1
60	3600	364TCZ	TEFC	JMEWDM4310T	12,851	WDW	33.11	999	93.6	230/460	66.1	
	1800	364TCZ	TEFC	JMEWDM4314T	12,203	WDW	33.11	961	95	230/460	70	
75	3600	365TCZ	TEFC	JMEWDM4313T	13,738	WDW	33.11	1005	94.5	230/460	80.7	
	1800	365TCZ	TEFC	JMEWDM4316T	13,147	WDW	33.11	965	95.4	230/460	86	

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates **NEW** product.**NEW!**For more information visit baldor.com or new.abb.com/motors-generators

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

Food Safe stainless steel, three phase, foot mounted, close-coupled pump, encapsulated

1 thru 20 Hp

IP69
for Water



Features:

- Individually welded feet for ease of cleaning
- Rotatable, round conduit box
- Welded & polished conduit box
- Smooth heads on external drains & hardware
- O-ring sealed endplates & conduit box
- Encapsulated, color-coded leads
- No crevices for food to collect
- 300 series stainless steel
- Epoxy encapsulated windings
- Laser etched nameplate
- Removable condensate drains in each endplate
- Internal & external shaft sealing
- Class H insulation system, inverter ready
- 3 year warranty, NEMA Premium® efficiency

Applications:

- Food processing
- High pressure washdown
- Caustic environment
- Pumps and wastewater
- Outdoors
- Sanitary washdown

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	1800	143JM	TENV	JMFSWDM3546T-E	2,076	WDF	14.97	37	85.5	230/460	1.5	30
1 1/2	3600	143JM	TENV	JMFSWDM3550T-E	2,159	WDF	15.85	50	85.5	230/460	1.8	30
	1800	145JM	TEFC	JMFSWDM3554T-E	2,171	WDF	16.15	45	86.5	230/460	2.2	30
2	3600	145JM	TEFC	JMFSWDM3555T-E	2,459	WDF	17.03	50	86.5	230/460	2.5	30
	1800	145JM	TEFC	JMFSWDM3558T-E	2,494	WDF	18.40	56	88.5	230/460	2.7	30
3	3600	145JM	TEFC	JMFSWDM3559T-E	2,954	WDF	18.40	61	86.5	230/460	3.7	30
	1800	182JM	TEFC	JMFSWDM3611T-E	3,101	WDF	19.72	83	89.5	230/460	4.2	30
5	3600	184JM	TEFC	JMFSWDM3613T-E	3,340	WDF	18.22	81	89.5	230/460	5.6	30
	1800	184JM	TEFC	JMFSWDM3615T-E	3,363	WDF	19.72	101	89.5	230/460	6.5	30
7 1/2	3600	213JM	TEFC	JMFSWDM3709T-E	3,937	WDF	20.62	131	91	230/460	8.3	30
	1800	213JM	TEFC	JMFSWDM3710T-E	4,011	WDF	21.81	139	91.7	230/460	9.5	
10	3600	215JM	TEFC	JMFSWDM3711T-E	4,414	WDF	21.81	154	91.7	230/460	10.6	30
	1800	215JM	TEFC	JMFSWDM3714T-E	4,657	WDF	23.56	187	92.4	230/460	12.5	30
15	3600	215JM	TEFC	JMFSWDM3713T-E	6,389	WDF	23.56	187	91.7	230/460	17	30
		254JM	TEFC	JMFSWDM23994T-E	7,439	WDF	25.67	265	91	230/460	16.5	
	1800	254JM	TEFC	JMFSWDM23933T-E	7,339	WDF	25.67	286	92.4	230/460	17.5	30
20	3600	256JM	TEFC	JMFSWDM41906T-E	8,377	WDF	26.67	300	91	230/460	21.5	
	1800	256JM	TEFC	JMFSWDM23934T-E	8,336	WDF	26.67	295	93	230/460	23.4	

(a) See notes on inside back flap.

NEW!**IEEE 841XL, P-base solid shaft pump, three phase, TEFC**

3 thru 75 Hp

IP55**Features:**

- Vertical lifting provisions for ease of installation
- Severe Duty construction for harsh environments
- Meets and exceeds the requirements of IEEE Std. 841 -2009
- Inpro/seals at drive end and opposite drive end
- Inverter ready winding construction
- Stainless steel nameplates and drains

Applications:

- Normal, medium, and high thrust applications
- Severe duty applications
- Harsh environments
- Petro chemical
- Pulp and paper
- Wastewater
- Aggregate

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Medium thrust											
3	3600	182LP	VLECP83660T-4	3,126	PV3	22.68	95	86.5	460	3.6	1
	1800	182LP	VLECP83661T-4	3,202	PV3	22.68	108	90.2	460	4.1	1
5	3600	184LP	VLECP83663T-4	3,576	PV3	22.68	123	88.5	460	5.7	1
	1800	184LP	VLECP83665T-4	3,341	PV3	22.68	115	89.5	460	6.6	1
7 1/2	3600	213LP	VLECP83769T-4	4,350	PV3	24.71	171	91.7	460	8.6	1
	1800	213LP	VLECP83770T-4	3,972	PV3	24.71	178	91.7	460	9.5	1
10	3600	215LP	VLECP83771T-4	4,336	PV3	24.71	189	91	460	11.3	1
	1800	215LP	VLECP83774T-4	4,502	PV3	24.71	231	91.7	460	12.2	1
15	3600	254LP	VLECP82394T-4	5,972	PV3	29.53	239	91	460	17	1
	1800	254LP	VLECP82333T-4	5,723	PV3	29.53	268	92.4	460	17.6	1
20	3600	256LP	VLECP84106T-4	6,450	PV3	29.53	310	91	460	22	1
	1800	256LP	VLECP82334T-4	5,968	PV3	34.59	420	93	460	23	1
25	3600	284LP	VLECP84107T-4	8,909	PV3	36.31	396	91.7	460	28	1
	1800	284LP	VLECP84103T-4	8,562	PV3	36.31	437	93.6	460	30	1
30	3600	286LP	VLECP84108T-4	9,814	PV3	36.31	400	91.7	460	34	1
	1800	286LP	VLECP84104T-4	9,313	PV3	36.31	460	93.6	460	36	1
40	3600	324LP	VLECP84109T-4	13,962	PV3	38.56	607	92.4	460	44	1
	1800	324LP	VLECP84110T-4	13,093	PV3	38.56	741	94.1	460	46	1
High thrust											
50	3600	326VP	VPECP84114T-4	12,132	PV3	35.24	635	93	460	55	1
	1800	326VP	VPECP84115T-4	11,936	PV3	35.24	700	94.5	460	57	1
60	3600	364VP	VPECP84310T-4	18,758	PV3	37.27	999	93.6	460	66	1
	1800	364VP	VPECP84314T-4	18,262	PV3	37.27	910	95	460	68	1
75	3600	365VP	VPECP84313T-4	19,464	PV3	37.27	1005	93.6	460	81.5	1
	1800	365VP	VPECP84316T-4	18,534	PV3	37.27	965	95.4	460	86	1

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.**NEW!**For more information visit baldor.com or new.abb.com/motors-generators

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

P-base vertical solid shaft pump, three phase, TEFC

3 thru 75 Hp

IP55



Features:

- Vertical lifting provisions for ease of installation
- Severe Duty construction for harsh environments
- Corrosion resistant epoxy finish
- Stainless steel nameplates and seals

Applications:

- Normal, medium, and high thrust applications
- Severe duty applications
- Harsh environments
- Petro chemical
- Pulp and paper
- Wastewater
- Aggregate

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Normal thrust											
3	3600	182HP	VHECP3660T	2,394	PV3	22.18	120	89.5	230/460	3.5	1, 30
	1800	182HP	VHECP3661T	2,144	PV3	22.18	129	89.5	230/460	4.1	1, 30
5	3600	184HP	VHECP3663T	2,907	PV3	22.18	99	90.2	230/460	5.7	1, 30
	1800	184HP	VHECP3665T	2,692	PV3	22.18	141	89.5	230/460	6.6	1, 30
7 1/2	3600	213HP	VHECP3769T	3,489	PV3	22.51	173	91	230/460	8.6	1, 30
	1800	213HP	VHECP3770T	3,243	PV3	22.51	170	91.7	230/460	9.5	1, 30
10	3600	215HP	VHECP3771T	3,628	PV3	22.51	203	92.4	230/460	11	1, 30
	1800	215HP	VHECP3774T	3,498	PV3	22.51	231	92.4	230/460	12.5	1, 30
15	3600	254HP	VHECP2394T	4,642	PV3	25.73	296	91.7	230/460	17.2	1, 30
	1800	254HP	VHECP2333T	4,465	PV3	25.72	316	92.4	230/460	18.1	1, 30
20	3600	256HP	VHECP4106T	5,128	PV3	25.73	325	92.4	230/460	23	1, 30
	1800	256HP	VHECP2334T	4,664	PV3	25.73	337	93	230/460	24	1, 30
25	3600	284HP	VHECP4107T	5,968	PV3	25.72	337	93	230/460	28	1, 30
	1800	284HP	VHECP4103T	5,724	PV3	30.69	518	93.6	230/460	30	1, 30
30	3600	286HP	VHECP4108T	6,865	PV3	25.72	361	93	230/460	33	1, 30
	1800	286HP	VHECP4104T	6,446	PV3	30.69	563	94.1	230/460	36	1, 30
40	3600	324HP	VHECP4109T	9,113	PV3	34.72	600	93.6	230/460	45	1, 30
	1800	324HP	VHECP4110T	8,238	PV3	34.72	650	94.5	230/460	46	1, 30
50	3600	326HP	VHECP4114T	9,442	PV3	34.72	668	93	230/460	56	1, 30
	1800	326HP	VHECP4115T	9,278	PV3	34.72	764	94.5	230/460	58	1, 30
60	3600	364HP	VHECP4310T	12,828	PV3	35.36	959	95	230/460	65.1	1, 30
	1800	364HP	VHECP4314T	11,811	PV3	35.36	969	95	230/460	68	1, 30
75	3600	365HP	VHECP4313T	14,058	PV3	35.36	1042	94.5	230/460	80.7	1, 30
	1800	365HP	VHECP4316T	13,397	PV3	35.36	1008	95.4	230/460	85.9	1, 30
Medium thrust											
3	3600	182LP	VLECP3660T	3,053	PV3	22.18	99	88.5	230/460	3.4	1
	1800	182LP	VLECP3661T	3,121	PV3	22.18	105	89.5	230/460	4.1	1
5	3600	184LP	VLECP3663T	3,361	PV3	22.18	105	90.2	230/460	5.7	1
	1800	184LP	VLECP3665T	3,146	PV3	22.18	119	89.5	230/460	6.6	1
7 1/2	3600	213LP	VLECP3769T	3,993	PV3	22.51	169	91	230/460	8.6	1
	1800	213LP	VLECP3770T	3,647	PV3	22.51	170	91.7	230/460	9.5	1
10	3600	215LP	VLECP3771T	4,132	PV3	22.51	182	92.4	230/460	11	1
	1800	215LP	VLECP3774T	4,002	PV3	22.51	231	92.4	230/460	12.5	1
15	3600	254LP	VLECP2394T	5,645	PV3	25.73	225	91	230/460	17	1
	1800	254LP	VLECP2333T	5,468	PV3	25.73	268	92.4	230/460	18.1	1

(a) See notes on inside back flap.

Cast iron frame

P-base vertical solid shaft pump, three phase, TEFC

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Medium thrust (continued)											
20	3600	256LP	VLECP4106T	6,131	PV3	25.73	265	92.4	230/460	22	1
	1800	256LP	VLECP2334T	5,667	PV3	25.73	303	93	230/460	24	1
25	3600	284LP	VLECP4107T	7,449	PV3	32.44	396	91.7	230/460	28	1
	1800	286LP	VLECP4103T	7,205	PV3	32.44	420	93.6	230/460	30	1
30	3600	286LP	VLECP4108T	8,346	PV3	32.44	446	91.7	230/460	34	1
	1800	286LP	VLECP4104T	7,927	PV3	32.44	460	94.1	230/460	36	1
40	3600	324LP	VLECP4109T	11,052	PV3	34.72	528	93.6	230/460	45	1
	1800	324LP	VLECP4110T	10,177	PV3	34.72	600	94.5	230/460	46	1
High thrust											
50	3600	326VP	VPECP4114T	11,448	PV3	34.71	587	93	230/460	56	1
	1800	326VP	VPECP4115T	11,284	PV3	34.71	700	94.5	230/460	58	1
60	3600	364VP	VPECP4310T	15,515	PV3	37.25	999	95	230/460	65.1	1
	1800	364VP	VPECP4314T	14,498	PV3	37.25	910	95	230/460	68	1
75	3600	365VP	VPECP4313T	16,745	PV3	37.25	1005	94.5	230/460	80.7	1
	1800	365VP	VPECP4316T	16,084	PV3	37.25	965	95.4	230/460	85.9	1

(a) See notes on inside back flap.

■ Cast iron frame

P-base vertical solid shaft pump, three phase, ODP

3 thru 60 Hp

IP23



Features:

- Safeguard drip cover
- Cast iron construction for harsh environments
- Vertical lifting provisions for ease of installation
- Stainless steel nameplates
- Corrosion resistant epoxy finish

Applications:

- Normal thrust applications
- Severe duty applications
- Harsh environments
- Petro chemical
- Pulp and paper
- Wastewater
- Aggregate

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
3	3600	182HP	VHEM3210T	1,069	PV3	21.33	61	86.5	230/460	3.8	1, 17, 30
	1800	182HP	VHEM3211T	1,200	PV3	21.33	100	89.5	230/460	4.2	1, 17, 30
5	3600	184HP	VHEM3212T	1,136	PV3	21.33	95	86.5	230/460	5.6	1, 17, 30
	1800	184HP	VHEM3218T	1,282	PV3	21.33	119	89.5	230/460	6.6	1, 17, 30
7 1/2	3600	184HP	VHEM3219T	1,601	PV3	21.33	122	88.5	230/460	8.4	1, 17, 30, 35
	1800	213HP	VHEM3311T	1,815	PV3	23.73	173	91	230/460	10.8	1, 17, 30
10	3600	213HP	VHEM3312T	1,874	PV3	23.73	164	89.5	230/460	11.2	1, 17, 30
	1800	215HP	VHEM3313T	2,106	PV3	23.73	231	91.7	230/460	12.9	1, 17, 30
15	3600	215HP	VHEM3314T	2,479	PV3	23.73	203	90.2	230/460	16.9	1, 17, 30
	1800	254HP	VHEM2513T	3,172	PV3	26.74	360	93	230/460	18.2	1, 17, 30
20	3600	254HP	VHEM2514T	3,207	PV3	26.73	229	91	230/460	23	1, 17, 30
	1800	256HP	VHEM2515T	3,402	PV3	26.73	283	93	230/460	24	1, 17, 30
25	3600	256HP	VHEM2516T	3,689	PV3	26.73	283	91.7	230/460	29	1, 17, 30
	1800	284HP	VHEM2531T	4,143	PV3	29.93	420	93.6	230/460	31	1, 17, 30
30	3600	284HP	VHEM2534T	4,381	PV3	29.93	385	91.7	230/460	33	1, 17, 30
	1800	286HP	VHEM2535T	4,439	PV3	29.93	460	94.1	230/460	36	1, 17, 30
40	3600	286HP	VHEM2538T	5,362	PV3	29.93	410	92.4	230/460	46	1, 17, 30
	1800	324HP	VHEM2539T	5,846	PV3	33.87	600	94.1	230/460	48	1, 17, 30
50	3600	324HP	VHEM2542T	6,106	PV3	33.87	500	93	230/460	58	1, 17, 30
	1800	326HP	VHEM2543T	6,313	PV3	33.87	700	94.5	230/460	58	1, 17, 30
60	3600	326HP	VHEM2546T	7,373	PV3	33.87	641	93.6	230/460	66	1, 17, 30

(a) See notes on inside back flap.

■ Cast iron frame

Custom TEFC motors available through 2,250 Hp; Open and WPII custom motors through 15,000 Hp. Contact your sales representative.

Thrust bearings must be loaded to a minimum of 20% of rated thrust for proper bearing loading and life.

SAE hydraulic pump motors, three phase, TEFC
5 thru 10 Hp

IP44



Features:

- Rated for continuous duty
- F-3 mounted conduit box
- SAE A or B-B pump configuration
- Designed for longevity with a 3 year warranty on premium efficient Super-E® Motors

Applications:

- Industrial pumps
- SAE pump applications
- General purpose pumps
- Commercial machinery
- Food and beverage
- Wastewater
- Agricultural

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
5	1800	184TYZ	EHPM3615T	1,040	PM3	15.00	93	89.5	230/460	6.7	
7 1/2	1800	213TYZ	EHPM3710T	1,447	PM3	15.79	127	91.7	230/460	9.4	
10	1800	215TYZ	EHPM3714T	1,618	PM3	17.29	165	91.7	230/460	12	

(a) See notes on inside back flap.

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

Submersible motors, single phase, TENV

1 thru 5 Hp

IP68



Features:

- Continuous duty in water/sewage
- 15 minute in air
- 416 stainless steel shaft
- Dual carbon ceramic mechanical seals
- Two NC thermostats
- Dual moisture sensing probes
- NEMA 1 enclosure control box
- Solid-state electronic switch for improved reliability
- 1.15 SF
- UL listed, Division 1, Class I, Group C & D, T3C
- 5 year pro-rated warranty

Applications:

- Wet pit applications
- Slurry pumps
- Aerators
- Mixers

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	1800	180TY	SUL50104SM	④	T3C	5,718	SU1	25.94	240	55	230	8.1	10,81,97
	1200	180TY	SUL50106SM	④	T3C	6,010	SU1	25.94	240	55.6	230	8.6	10,81,97
1 1/2	1800	180TY	SUL50154SM	④	T3C	5,718	SU1	25.94	291	62.5	230	10.6	10,81,97
	1200	180TY	SUL50156SM	④	T3C	6,955	SU1	25.94	256	57	230	12.5	10,81,97
2	1800	180TY	SUL50204SM	④	T3C	6,402	SU1	25.94	250	60.9	230	14.4	10,81,97
3	1800	180TY	SUL50304SM	④	T3C	8,149	SU1	26.66	260	64.7	230	20	10,81,97
		180TY	SUL50304	④	T3C	8,149	SU1	25.94	256	64.7	230	20	10,81
	1200	210TY	SUL50306SM	④	T3C	9,775	SU1	32.41	315	65.6	230	21	10,81,97
5	1800	210TY	SUL50504	④	T3C	10,698	SU1	31.69	369	69	230	30	10,82

(a) See notes on inside back flap. SM suffix = one size smaller flange and shaft.

④ = Class I, Group C & D

Cast iron frame

– All 180TY and 210TY catalog numbers are furnished without lead cable assemblies. See Lead Cable Assemblies table for ordering information.

– Immersible motors available through 250 Hp. Contact your local sales office with your inquiry and specifications.

Submersible motors, three phase, TENV

1 thru 100 Hp



Features:

- Continuous duty in water/sewage
- 15 minute in air
- 416 stainless steel shaft
- Dual carbon ceramic mechanical seals
- Two NC thermostats
- 25-foot cable (standard, 250 Frame and up)
- Dual moisture sensing probes
- 1.15 SF
- UL listed, Division 1, Class I, Group C & D, T3C
- Inverter capable for 10:1 variable torque
- UL listed, Division 1, Class I, Group C & D, T2A on Inverter
- 5 year pro-rated warranty

IP68

Applications:

- Wet pit applications
- Slurry pumps
- Aerators
- Mixers

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	
UL listed, hazardous duty, explosion proof														
1	1800	180TY	SUM70104SM	④	T3C	4,732	SU3	25.94	169	63.5	230	3.4	81, 97	
1 1/2	1800	180TY	SUM70154SM	④	T3C	4,869	SU3	25.94	175	70.5	230	4.6	81, 97	
2	1800	180TY	SUM70204SM	④	T3C	4,976	SU3	25.94	183	73.5	230	5.8	81, 97	
		180TY	SUM70204SM-8	④	T3C	4,976	SU3	25.94	182	73.5	200	6.7	81, 97	
3	1800	180TY	SUM70304SM	④	T3C	5,040	SU3	25.94	200	78.1	230	8.8	81, 97	
	1200	180TY	SUM70306	④	T3C	5,136	SU3	26.66	235	78	230	10.4	81	
5	1800	180TY	SUM70504	④	T3C	5,292	SU3	26.66	240	80.2	230	14	81	
		180TY	SUM70504-4	④	T3C	5,292	SU3	26.66	235	80.2	460	7	81	
		180TY	SUM70504-8	④	T3C	5,292	SU3	26.66	235	80.2	200	16.1	81	
		180TY	SUM70504SM-4	④	T3C	5,292	SU3	26.66	235	80.2	460	7	81, 97	
		1200	180TY	SUM70506	④	T3C	7,273	SU3	26.66	248	80.7	230	16	81
		1800	180TY	SUM70754	④	T3C	6,843	SU3	26.66	243	82.7	230	20.2	81
7 1/2	1800	180TY	SUM70754-4	④	T3C	6,843	SU3	26.66	245	82.7	460	10.1	81	
		180TY	SUM70754SM-4	④	T3C	6,843	SU3	26.66	245	82.7	460	10.1	81, 97	
	1200	210TY	SUM70756	④	T3C	7,784	SU3	31.69	350	81.7	230	22.6	81	
		210TY	SUM70756-4	④	T3C	7,784	SU3	31.69	350	81.7	460	11.3	10,81	
10	1800	210TY	SUM71004	④	T3C	7,099	SU3	31.69	356	85.6	230	26	81	
		210TY	SUM71004-4	④	T3C	7,099	SU3	31.69	356	85.6	460	13	81	
		210TY	SUM71004SM-4	④	T3C	7,099	SU3	31.69	356	85.6	460	13	81, 97	
		1200	210TY	SUM71006	④	T3C	9,790	SU3	31.69	391	83.8	230	28.8	81
		210TY	SUM71006-4	④	T3C	9,790	SU3	31.69	391	83.8	460	14.4	10,81	
		210TY	SUM71504	④	T3C	9,338	SU3	31.69	376	85.4	230	40.2	81	
15	1800	210TY	SUM71504-4	④	T3C	9,338	SU3	31.69	374	85.4	460	20.1	81	
		210TY	SUM71504SM-4	④	T3C	9,338	SU3	31.69	374	85.4	460	20.1	81, 97	
		1200	250TY	SUM71506-4	④	T3C	13,228	SU3	37.34	469	86.5	460	20.3	81
20	1800	210TY	SUM72004SM-4	④	T3C	10,427	SU3	32.41	378	86.6	460	26.2	81, 97	
		210TY	SUM72004-4	④	T3C	11,058	SU3	31.69	407	86.6	460	26.2	81	
	1200	250TY	SUM72006-4	④	T3C	14,587	SU3	37.34	474	86.7	460	27.4	81	
25	1800	250TY	SUM72504-4	④	T3C	13,650	SU3	37.34	495	88.5	460	32.1	81	
		250TY	SUM72504SM-4	④	T3C	13,650	SU3	37.06	517	88.5	460	32.1	81, 97	
	1200	250TY	SUM72506-4	④	T3C	18,927	SU3	37.34	496	86.7	460	35.2	81	
		250TY	SUM72506SM-4	④	T3C	18,927	SU3	37.34	496	86.7	460	35.2	81, 97	
	30	1800	250TY	SUM73004-4	④	T3C	14,744	SU3	37.34	445	88.7	460	39.9	81
250TY			SUM73004SM-4	④	T3C	14,744	SU3	37.34	445	88.7	460	39.9	81, 97	
1200		320TY	SUM73006-4	④	T3C	22,712	SU3	43.12	1150	89.7	460	40.7	10,82	
40	1800	250TY	SUM74004-4	④	T3C	19,961	SU3	37.34	510	89	460	51.7	82	
50	1800	320TY	SUM75004-4	④	T3C	23,360	SU3	43.12	882	91.1	460	64.3	10,82	
		320TY	SUM75004SM-4	④	T3C	23,360	SU3	42.50	880	91.1	460	64.3	10,82, 97	
	1200	320TY	SUM75006-4	④	T3C	25,332	SU3	43.12	872	90.5	460	65.9	10,82	

(a) See notes on inside back flap. SM suffix = one size smaller flange and shaft.

④ = Class I, Group C & D

Cast iron frame

All 180TY and 210TY catalog numbers are furnished without lead cable assemblies. See Lead Cable Assemblies table for ordering information.

Submersible motors, three phase, TENV

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
UL listed, hazardous duty, explosion proof (continued)													
60	1800	320TY	SUM76004-4	④	T3C	29,877	SU3	43.12	950	92	460	74.9	10,82
	1800	320TY	SUM77504-4	④	T3C	38,734	SU3	43.12	956	92.6	460	91.3	10,82
75	1200	360TY	SUM77506-4	④	T3C	39,606	SU3	47.10	1374	92.3	460	90.9	10,82
	1800	360TY	SUM710004-4	④	T3C	41,185	SU3	47.10	1340	91.6	460	116	10,82
100	1200	360TY	SUM710006-4	④	T3C	50,906	SU3	47.10	1500	91.2	460	122	10,82
Non-UL listed, non hazardous duty													
7 1/2	1800	210TY	SUM20754			5,017	SU3	31.69	335	82.8	230	20.8	81
		210TY	SUM20754-4			5,017	SU3	31.69	340	82.8	460	10.4	81
10	1800	210TY	SUM21004			5,852	SU3	31.69	351	85.6	230	26	81
		210TY	SUM21004-4			5,852	SU3	31.69	367	85.6	460	13	81
15	1800	210TY	SUM21504			7,589	SU3	31.69	368	85.4	230	40.2	81
		210TY	SUM21504-4			7,589	SU3	31.69	377	85.4	460	20.1	81

(a) See notes on inside back flap. SM suffix = one size smaller flange and shaft.
④ = Class I, Group C & D
Cast iron frame
All 180TY and 210TY catalog numbers are furnished without lead cable assemblies. See Lead Cable Assemblies table for ordering information.

NEW!

Submersible motor lead cable assemblies

Selection required for ALL 180TY and 210TY catalog ratings



Features:

- UL/CSA approved for Class 1 Div 1 Group C and D. Meets UL1202 for non-circuit interrupting connector.
- 316 stainless steel, prewired receptacles with 304 stainless steel plug coupling nuts.
- Cables are packaged separately from the motor, radically reducing the chances of in-transit damage.
- Supports field conversion to alternate cable lengths and simplifies routine maintenance.

Hp	RPM	NEMA Frame	Catalog Number	25 Feet				50 Feet				100 Feet			
				Kit Number	List Price	Disc. Sym.	Aprx. Wt. (lb)	Kit Number	List Price	Disc. Sym.	Aprx. Wt. (lb)	Kit Number	List Price	Disc. Sym.	Aprx. Wt. (lb)
Single Phase, UL listed, XP															
1	1800	180TY	SUL50104SM	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
	1200	180TY	SUL50106SM	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
1 1/2	1800	180TY	SUL50154SM	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
	1200	180TY	SUL50156SM	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
2	1800	180TY	SUL50204SM	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
3	1800	180TY	SUL50304SM	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
		180TY	SUL50304	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
	1200	210TY	SUL50306SM	802386201R	1,225	SCG	23	802386201T	1,975	SCG	42	802386201V	3,160	SCG	81
5	1800	210TY	SUL50504	802386201R	1,225	SCG	23	802386201T	1,975	SCG	42	N/A	N/A	N/A	N/A
Three Phase, UL listed, XP															
1	1800	180TY	SUM70104SM	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
1 1/2	1800	180TY	SUM70154SM	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
2	1800	180TY	SUM70204SM	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
		180TY	SUM70204SM-8	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
3	1800	180TY	SUM70304SM	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
	1200	180TY	SUM70306	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
5	1800	180TY	SUM70504	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
		180TY	SUM70504-4	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
		180TY	SUM70504-8	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
	1200	180TY	SUM70504SM-4	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
		180TY	SUM70506	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
		180TY	SUM70754	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
7 1/2	1800	180TY	SUM70754-4	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
	1200	180TY	SUM70754SM-4	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
		210TY	SUM70756	802386201R	1,225	SCG	23	802386201T	1,975	SCG	42	802386201V	3,160	SCG	81
		210TY	SUM70756-4	802386201R	1,225	SCG	23	802386201T	1,975	SCG	42	802386201V	3,160	SCG	81
10	1800	210TY	SUM71004	802386201R	1,225	SCG	23	802386201T	1,975	SCG	42	802386201V	3,160	SCG	81
		210TY	SUM71004-4	802386201R	1,225	SCG	23	802386201T	1,975	SCG	42	802386201V	3,160	SCG	81
		210TY	SUM71004SM-4	802386201R	1,225	SCG	23	802386201T	1,975	SCG	42	802386201V	3,160	SCG	81
	1200	210TY	SUM71006	802386201R	1,225	SCG	23	802386201T	1,975	SCG	42	802386201V	3,160	SCG	81
		210TY	SUM71006-4	802386201R	1,225	SCG	23	802386201T	1,975	SCG	42	802386201V	3,160	SCG	81
		210TY	SUM71504	802386204R	1,325	SCG	32	802386204T	2,150	SCG	58	802386204V	3,425	SCG	110
15	1800	210TY	SUM71504-4	802386204R	1,325	SCG	32	802386204T	2,150	SCG	58	802386204V	3,425	SCG	110
	210TY	SUM71504SM-4	802386204R	1,325	SCG	32	802386204T	2,150	SCG	58	802386204V	3,425	SCG	110	
20	1800	210TY	SUM72004SM-4	802386204R	1,325	SCG	32	802386204T	2,150	SCG	58	802386204V	3,425	SCG	110
		210TY	SUM72004-4	802386204R	1,325	SCG	32	802386204T	2,150	SCG	58	802386204V	3,425	SCG	110
Three Phase, Non-UL listed, non XP															
7 1/2	1800	210TY	SUM20754	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
		210TY	SUM20754-4	802386203R	880	SCG	17	802386203T	1,235	SCG	28	802386203V	1,975	SCG	51
10	1800	210TY	SUM21004	802386201R	1,225	SCG	23	802386201T	1,975	SCG	42	802386201V	3,160	SCG	81
		210TY	SUM21004-4	802386201R	1,225	SCG	23	802386201T	1,975	SCG	42	802386201V	3,160	SCG	81
15	1800	210TY	SUM21504	802386204R	1,325	SCG	32	802386204T	2,150	SCG	58	802386204V	3,425	SCG	110
		210TY	SUM21504-4	802386204R	1,325	SCG	32	802386204T	2,150	SCG	58	802386204V	3,425	SCG	110

Red kit number indicates **NEW** product.

Kits consist of (1) set of power lead cables and (1) set of control lead cables of the specified length with attached receptacles.

Selection required for ALL 180TY and 210TY catalog ratings

Additional cable lengths are available on custom submersible motors. Contact your sales representative.

NEW!

HVAC motors

Baldor-Reliance® HVAC motors are specifically engineered with industry-driven designs to keep your air handling systems running smoothly, quietly, and efficiently, which means better system reliability and performance, with less maintenance.



Key features:

- Dynamically balanced rotor to reduce noise and increase bearing life
- Color coded and numbered leads for ease of connectivity
- Bar code spec number for easy identification
- Low noise vibration dampening bases
- Baldor-Reliance motors meet or exceed all efficiency requirements for US, Canada and Mexico regulations

Super-E®, general purpose

Electrical features

Three phase
Output range: 1 - 100 Hp
Voltages: 230/460, 208-230/460, 200, 575
1.15 service factor
Class F Insulation

Mechanical features

Enclosures: ODP, TEFC
Mountings: Footed, F1 or F2
External shaft grounding provisions on drive end
Bar-coded spec number label for easy identification



Applications: Blowers and fans

Super-E, internal shaft grounded

Electrical features

Three phase
Voltages: 230/460, 208-230/460, 200, 575
Class H insulation
Designed for variable speed applications

Mechanical features

Enclosures: ODP, TEFC
Mountings: Footed F1, C-Face
Internal shaft ground installed



Applications: Variable speed blowers and fans

Chiller/cooling tower

Electrical features

Three phase
Voltages: 230/460, 208-230/460, 200, 575
1.15 service factor
Class F Insulation

Mechanical features

Enclosures: TEAO, TEFC
Mountings: Footed F1
Three barrier conduit box sealing
Four barrier shaft sealing system on drive end
Double sealed bearings
Face drains each end
Stainless hardware



Applications: Belted or drive shaft chiller/cooling towers

EC Titanium

Electrical features

Efficiencies meet or exceed IE5
Motor only: 1-20 Hp
Integrated motor-drive: 1-10 Hp Top Mount, 1-7.5 Hp Axial Mount
Voltages: 115, 230 1 Phase, and 230, 460 3 Phase
Base Speeds: 1800 Standard, 3600, 1200, 900 Custom

Mechanical features

Enclosures: TEFC/IP54 Motor with UL
Versions: Motor only, top-mount drive, axial mount drive *
NEMA frames (140, 180 & 210)
Compact, light weight design, internal shaft grounded



Applications: Air handling, HVAC systems, general purpose

* For EC Titanium selections, see Variable Speed AC section

Super-E®, three phase, TEFC, foot mounted, with internal Baldor-Reliance® Shaft Grounding Brush

1 thru 50 Hp

BALDOR • RELIANCE®
SHAFT GROUNDING BRUSH
INSTALLED
LB1508

IP44*



Features:

- Class H insulation for increased protection on inverter use
- Internal grounding brush for bearing current mitigation on DE retainer ring
- Designed for longevity with 3 year warranty
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2

Applications:

- Fans
- Pumps
- Blowers
- Unit handling
- HVAC systems
- Variable speed applications
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted											
1	1800	143T	EM3546T-BG	872	HV3	13.31	38	85.5	230/460	1.5	8,30
	1800	143T	EM3581T-BG	1,065	HV3	12.54	55	85.5	230/460	1.5	8,30
	1200	145T	EM3582T-BG	1,175	HV3	12.54	56	82.5	230/460	1.7	8,30
1 1/2	3600	143T	EM3583T-BG	1,118	HV3	12.54	56	84	230/460	1.9	8,30
	1800	145T	EM3554T-BG	900	HV3	13.31	41	86.5	230/460	2.2	8,30
	1800	145T	EM3584T-BG	1,099	HV3	12.54	61	86.5	230/460	2.3	8,30
2	1200	182T	EM3667T-BG	1,381	HV3	15.24	99	87.5	230/460	2.5	8
	3600	145T	EM3555T-BG	961	HV3	13.31	41	85.5	230/460	2.5	8,30
	3600	145T	EM3586T-BG	1,166	HV3	12.54	62	85.5	230/460	2.5	8,30
3	1800	145T	EM3558T-BG	927	HV3	13.31	45	86.5	230/460	2.9	8,30
	1800	145T	EM3587T-BG	1,145	HV3	12.54	62	86.5	230/460	2.9	8,30
	1200	184T	EM3664T-BG	1,401	HV3	15.24	123	88.5	230/460	3.15	8,30
5	3600	145T	EM3559T-BG	1,037	HV3	14.19	50	86.5	230/460	3.6	8,30
	3600	182T	EM3660T-BG	1,260	HV3	15.24	58	86.5	230/460	3.8	8,30
	1800	182T	EM3611T-BG	1,037	HV3	16.54	70	89.5	230/460	4.2	8,30
7 1/2	1800	182T	EM3661T-BG	1,291	HV3	15.24	105	89.5	230/460	4.1	8,30
	1200	213T	EM3704T-BG	1,570	HV3	19.01	132	89.5	230/460	4.6	8,30
	1200	213T	EM3764T-BG	1,716	HV3	18.45	211	89.5	230/460	4.5	8,30
10	3600	184T	EM3613T-BG	1,175	HV3	16.54	74	88.5	230/460	5.9	8,30
	3600	184T	EM3663T-BG	1,513	HV3	15.24	99	88.5	230/460	5.8	8,30
	1800	184T	EM3615T-BG	1,116	HV3	18.04	93	89.5	230/460	6.7	8,30
15	1800	184T	EM3665T-BG	1,317	HV3	15.24	115	89.5	230/460	6.6	8,30
	1200	215T	EM3708T-BG	1,745	HV3	19.76	154	89.5	230/460	7.3	8,30
	1200	215T	EM3768T-BG	1,963	HV3	18.45	198	89.5	230/460	7.4	8,30
20	3600	213T	EM3709T-BG	1,686	HV3	17.89	121	89.5	230/460	9	8,30
	3600	213T	EM3769T-BG	1,963	HV3	18.45	169	89.5	230/460	9	8,30
	1800	213T	EM3710T-BG	1,547	HV3	19.01	127	91.7	230/460	9.4	8,30
25	1800	213T	EM3770T-BG	1,904	HV3	18.45	193	91.7	230/460	9.5	8,30
	1200	254T	EM2276T-BG	2,812	HV3	23.30	310	91	230/460	11	30
	3600	215T	EM3711T-BG	1,706	HV3	17.89	118	90.2	230/460	11.8	8,30
30	3600	215T	EM3771T-BG	2,005	HV3	18.45	164	90.2	230/460	11.8	8,30
	1800	215T	EM3714T-BG	1,718	HV3	20.51	165	91.7	230/460	12	8,30
	1800	215T	EM3774T-BG	1,862	HV3	18.45	232	91.7	230/460	12.2	8,30
40	1200	256T	EM2332T-BG	3,172	HV3	23.30	322	91	230/460	14.1	8,30

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates **NEW** product.

*IP54 when drain fitting kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

Super-E, three phase, TEFC, foot mounted, with internal Baldor-Reliance® Shaft Grounding Brush

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted (continued)											
15	3600	254T	EM2394T-BG	2,783	HV3	23.30	253	91	230/460	17.5	8,30
	1800	254T	EM2333T-BG	2,569	HV3	23.30	274	92.4	230/460	18.1	8,30
	1200	284T	EM4100T-BG	4,179	HV3	27.76	372	91.7	230/460	21	8,30
20	1800	256T	EM2334T-BG	3,059	HV3	23.30	290	93	230/460	24	8,30
	1200	286T	EM4102T-BG	5,465	HV3	27.76	406	91.7	230/460	27	8,30
	1800	284T	EM4103T-BG	3,956	HV3	27.76	420	93.6	230/460	30	8,30
25	1200	324T	EM4111T-BG	6,211	HV3	30.39	475	93	230/460	32	8,30
	1800	286T	EM4104T-BG	4,637	HV3	27.76	437	93.6	230/460	38	8,30
30	1800	324T	EM4110T-BG	6,039	HV3	30.28	578	94.1	230/460	48	8,30
40	1800	324T	EM4110T-BG	6,039	HV3	30.28	578	94.1	230/460	48	8,30
50	1800	326T	EM4115T-BG	6,565	HV3	30.28	641	94.5	230/460	58	8,30
C-Face, foot mounted											
1/2	1800	56C	CEM3538-BG	854	HV3	12.23	33	82.5	208-230/460	0.8	8
3/4	1800	56C	CEM3542-BG	881	HV3	12.23	37	84	208-230/460	1.1	8,12
1	1800	143TC	CEM3546T-BG	907	HV3	13.29	38	85.5	230/460	1.5	8,30
1 1/2	1800	145TC	CEM3554T-BG	935	HV3	13.29	41	86.5	230/460	2.2	8,30
2	1800	145TC	CEM3558T-BG	962	HV3	13.29	45	86.5	230/460	2.9	8,30
3	1800	182TC	CEM3611T-BG	1,109	HV3	16.55	70	89.5	230/460	4.2	8,30
5	1800	184TC	CEM3615T-BG	1,188	HV3	18.05	93	89.5	230/460	6.7	8,30

(a) See notes on inside back flap.
Cast iron frame
*IP54 when drain fitting kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

Super-E®, three phase, ODP, foot mounted with internal Baldor-Reliance® Shaft Grounding Brush

1 thru 50 Hp



IP22

Features:

- Class H insulation for increased protection on inverter use
- Internal grounding brush for bearing current mitigation on DE retainer ring
- Designed for longevity with 3 year warranty
- Suitable for inverter use per NEMA MG1 Part 31.4.4.

Applications:

- Fans
- Pumps
- Blowers
- Unit handling
- HVAC systems
- Variable speed applications
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volt											
1	1800	143T	EM3116T-BG	877	HV3	11.12	38	85.5	230/460	1.6	8,30
1 1/2	1800	145T	EM3154T-BG	909	HV3	11.62	37	86.5	230/460	2.2	8,30
2	3600	143T	EM3155T-BG	884	HV3	11.62	43	85.5	230/460	2.5	8,30
	1800	145T	EM3157T-BG	962	HV3	12.12	43	86.5	230/460	2.9	8,30
3	3600	145T	EM3158T-BG	893	HV3	13.00	51	85.5	230/460	3.8	8,30
	1800	182T	EM3211T-BG	1,055	HV3	15.00	74	89.5	230/460	4.2	8,30
	1200	213T	EM3305T-BG	1,328	HV3	16.32	110	88.5	230/460	4.5	8,30
5	3600	182T	EM3212T-BG	991	HV3	13.62	63	86.5	230/460	6	8,30
	1800	184T	EM3218T-BG	1,137	HV3	16.50	92	89.5	230/460	6.6	8,30
	1200	215T	EM3309T-BG	1,672	HV3	17.45	141	89.5	230/460	7.4	8,30
7 1/2	3600	184T	EM3219T-BG	1,456	HV3	15.00	77	88.5	230/460	8.6	8,30
	1800	213T	EM3311T-BG	1,602	HV3	16.32	115	91	230/460	9.7	8,30
	1200	254T	EM2506T-BG	2,002	HV3	23.19	248	90.2	230/460	11	8,30
10	3600	213T	EM3312T-BG	1,661	HV3	16.32	121	89.5	230/460	12	8,30
	1800	215T	EM3313T-BG	1,893	HV3	17.45	129	91.7	230/460	12.5	8,30
	1200	256T	EM2511T-BG	2,526	HV3	23.19	255	91.7	230/460	14.3	8,30
15	3600	215T	EM3314T-BG	2,266	HV3	16.32	131	90.2	230/460	17.5	8,30
	1800	254T	EM2513T-BG	2,630	HV3	21.69	234	93	230/460	17.7	8,30
	1200	284T	EM2524T-BG	3,350	HV3	23.81	300	91.7	230/460	20.5	8,30
20	1800	256T	EM2515T-BG	2,860	HV3	21.69	228	93	230/460	23.5	8,30
	1200	286T	EM2528T-BG	4,012	HV3	23.81	321	92.4	230/460	27	8,30
25	1800	284T	EM2531T-BG	3,465	HV3	25.06	387	93.6	230/460	30	8,30
30	1800	286T	EM2535T-BG	3,761	HV3	25.06	341	94.1	230/460	35	8,30
40	1800	324T	EM2539T-BG	4,882	HV3	27.19	324	94.1	230/460	49	8,30
50	1800	326T	EM2543T-BG	5,349	HV3	27.69	497	94.5	230/460	57	8,30
575 volt											
3	1800	182T	EM3211T-5BG	1,055	HV3	15.00	74	89.5	575	3.3	8
5	1800	184T	EM3218T-5BG	1,137	HV3	16.50	92	89.5	575	5.3	8
7 1/2	1800	213T	EM3311T-5BG	1,602	HV3	16.32	120	91.7	575	7.6	8
10	1800	215T	EM3313T-5BG	1,893	HV3	17.45	132	91.7	575	10	8
15	1800	254T	EM2513T-5BG	2,630	HV3	23.19	250	93	575	14.2	8
20	1800	256T	EM2515T-5BG	2,860	HV3	23.19	250	93	575	19.1	8
25	1800	284T	EM2531T-5BG	3,465	HV3	25.00	388	93.6	575	24.5	8
30	1800	286T	EM2535T-5BG	3,761	HV3	23.81	378	94.1	575	29	8
40	1800	324T	EM2539T-5BG	4,882	HV3	27.19	400	94.1	575	40	8
50	1800	326T	EM2543T-5BG	5,349	HV3	27.69	525	94.5	575	46	8

(a) See notes on inside back flap.

NEW!

Super-E®, three phase, TEFC, C-Face, foot mounted, with internal AEGIS Bearing Protection Ring

1 thru 100 Hp

**IP44*****Features:**

- Class H insulation for increased protection on inverter use
- Internal grounding ring for bearing current mitigation
- Designed for longevity with 3 year warranty
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2

Applications:

- Fans
- Pumps
- Blowers
- Unit handling
- HVAC systems
- Variable speed applications
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volt											
1	3600	56C	CEM3545-G	907	HV3	12.23	32	77	230/460	1.4	8, 12, 30
	1800	143TC	CEM3546T-G	1,039	HV3	13.29	30	85.5	230/460	1.5	8, 30
	1200	145TC	CEM3556T-G	1,163	HV3	13.29	43	82.5	230/460	1.8	8, 30
1 1/2	3600	143TC	CEM3550T-G	1,025	HV3	13.29	36	84	230/460	1.9	8, 30
	1800	145TC	CEM3554T-G	1,133	HV3	13.29	42	86.5	230/460	2.2	8, 30
	1200	182TC	CEM3607T-G	1,374	HV3	16.54	76	87.5	230/460	2.4	8, 30
2	3600	145TC	CEM3555T-G	1,105	HV3	13.29	46	85.5	230/460	2.5	8, 30
	1800	145TC	CEM3558T-G	1,188	HV3	14.17	42	86.5	230/460	2.9	8, 30
	1200	184TC	CEM3614T-G	1,429	HV3	18.05	94	88.5	230/460	3.5	8, 30
3	3600	145TC	CEM3559T-G	1,383	HV3	14.17	53	86.5	230/460	3.6	8, 30
	1800	182TC	CEM3610T-G	1,470	HV3	15.16	50	86.5	230/460	3.6	8, 30
	1200	182TC	CEM3611T-G	1,260	HV3	16.55	74	89.5	230/460	4.2	8, 30
5	3600	213TC	CEM3704T-G	1,866	HV3	19.76	135	89.5	230/460	4.6	8, 30
	1800	184TC	CEM3613T-G	1,361	HV3	16.55	76	88.5	230/460	5.9	8, 30
	1200	184TC	CEM3615T-G	1,293	HV3	18.05	92	89.5	230/460	6.7	8, 30
7 1/2	3600	215TC	CEM3708T-G	2,067	HV3	19.20	154	89.5	230/460	7.3	8, 30
	1800	213TC	CEM3709T-G	1,999	HV3	18.63	133	89.5	230/460	9	8, 30
	1200	213TC	CEM3710T-G	1,839	HV3	19.76	129	91.7	230/460	9.4	8, 30
10	3600	254TC	CEM2276T-G	3,730	HV3	23.30	281	91	230/460	11	8, 30
	1800	215TC	CEM3711T-G	2,022	HV3	18.63	118	90.2	230/460	11.8	8, 30
	1200	215TC	CEM3714T-G	2,036	HV3	21.26	156	91.7	230/460	12	8, 30
15	3600	256TC	CEM2332T-G	4,143	HV3	23.30	322	91	230/460	14.1	8, 30
	1800	254TC	CEM2394T-G	3,696	HV3	23.78	239	91	230/460	17.5	8, 30
	1200	254TC	CEM2333T-G	3,450	HV3	23.78	270	92.4	230/460	18.1	8, 30
20	3600	284TC	CEM4100T-G	5,508	HV3	27.76	369	91.7	230/460	21	8, 30
	1800	256TC	CEM4106T-G	3,979	HV3	23.78	261	91	230/460	23	8, 30
	1200	256TC	CEM2334T-G	4,014	HV3	23.78	295	93	230/460	24	8, 30
25	3600	286TC	CEM4102T-G	6,987	HV3	27.76	393	91.7	230/460	27	8, 30
	1800	284TSC	CEM4107T-G	5,197	HV3	26.39	323	91.7	230/460	29	8, 30
	1200	284TC	CEM4103T-G	5,252	HV3	27.76	400	93.6	230/460	30	8, 30
	1200	324TC	CEM4111T-G	7,908	HV3	30.39	507	93	230/460	32	8, 30

(a) See notes on inside back flap.

Cast iron frame

*IP54 when drain fitting kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

Red catalog number indicates **NEW** product.**NEW!**

NEW!**Super-E®, three phase, TEFC, C-Face, foot mounted, with internal AEGIS® Bearing Protection Ring**

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volt (continued)											
30	3600	286TSC	CEM4108T-G	5,978	HV3	26.39	336	91.7	230/460	34	8, 30
	1800	286TC	CEM4104T-G	6,035	HV3	27.76	410	93.6	230/460	38	8, 30
	1200	326TC	CEM4117T-G	8,952	HV3	30.28	604	93	230/460	39	8, 30
40	3600	324TSC	CEM4109T-G	7,945	HV3	28.78	532	92.4	230/460	46	8, 30
	1800	324TC	CEM4110T-G	7,710	HV3	30.28	596	94.1	230/460	48	8, 30
50	3600	326TSC	CEM4114T-G	8,597	HV3	28.78	584	93	230/460	56	8, 30
	1800	326TC	CEM4115T-G	8,315	HV3	30.28	648	94.5	230/460	58	8, 30
60	3600	364TSC	CEM4310T-G	11,717	HV3	31.36	900	95	230/460	66.3	8, 30
	1800	364TC	CEM4314T-G	11,586	HV3	33.48	907	95	230/460	68	8, 30
75	3600	365TSC	CEM4313T-G	13,413	HV3	31.36	966	94.5	230/460	81.9	8, 30
	1800	365TC	CEM4316T-G	13,323	HV3	33.48	956	95.4	230/460	85.9	8, 30
100	1800	405TC	CEM4400T-G	18,144	HV3	38.20	1214	95.4	230/460	112	8, 30

(a) See notes on inside back flap.:

■ Cast iron frame

*IP54 when drain fitting kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

Red catalog number indicates **NEW** product.**NEW!**

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

Super-E®, three phase, TEFC, foot mounted, with internal AEGIS Bearing Protection Ring

1 thru 100 Hp



IP44*



Features:

- Class H insulation for increased protection on inverter use
- Internal grounding ring for bearing current mitigation on DE retainer ring
- Designed for longevity with 3 year warranty
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2

Applications:

- Fans
- Pumps
- Blowers
- Unit handling
- HVAC systems
- Variable speed applications
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volt											
1	3600	56	EM3545-G	796	HV3	12.23	32	77	230/460	1.4	8,12, 30
	1800	143T	EM3546T-G	872	HV3	12.31	30	85.5	230/460	1.5	8,30
	1800	143T	EM3581T-G	1,065	HV3	12.54	55	85.5	230/460	1.5	8,30
	1200	145T	EM3556T-G	1,012	HV3	13.31	43	82.5	230/460	1.8	8,30
	1200	145T	EM3582T-G	1,175	HV3	12.54	56	82.5	230/460	1.7	8,30
1 1/2	3600	143T	EM3550T-G	892	HV3	12.29	36	84	230/460	1.9	8,30
	3600	143T	EM3583T-G	1,118	HV3	12.54	56	84	230/460	1.9	8,30
	1800	145T	EM3554T-G	900	HV3	13.31	42	86.5	230/460	2.2	8,30
	1800	145T	EM3584T-G	1,099	HV3	12.54	61	86.5	230/460	2.3	8,30
	1200	182T	EM3607T-G	1,186	HV3	16.54	76	87.5	230/460	2.4	8,30
2	1200	182T	EM3667T-G	1,381	HV3	15.24	99	87.5	230/460	2.5	8
	3600	145T	EM3555T-G	961	HV3	13.29	46	85.5	230/460	2.5	8,30
	3600	145T	EM3586T-G	1,166	HV3	12.54	62	85.5	230/460	2.5	8,30
	1800	145T	EM3558T-G	927	HV3	13.31	42	86.5	230/460	2.9	8,30
	1800	145T	EM3587T-G	1,145	HV3	12.54	62	86.5	230/460	2.9	8,30
3	1200	184T	EM3614T-G	1,234	HV3	18.04	94	88.5	230/460	3.5	8,30
	1200	184T	EM3664T-G	1,401	HV3	15.24	123	88.5	230/460	3.15	8,30
	3600	145T	EM3559T-G	1,037	HV3	14.17	53	86.5	230/460	3.6	8,30
	3600	182T	EM3610T-G	1,079	HV3	15.29	57	86.5	230/460	3.6	8,30
	3600	182T	EM3660T-G	1,260	HV3	15.24	58	86.5	230/460	3.8	8,30
5	1800	182T	EM3611T-G	1,037	HV3	16.54	74	89.5	230/460	4.2	8,30
	1800	182T	EM3661T-G	1,291	HV3	15.24	105	89.5	230/460	4.1	8,30
	1200	213T	EM3704T-G	1,570	HV3	19.01	135	89.5	230/460	4.6	8,30
	1200	213T	EM3764T-G	1,716	HV3	18.45	211	89.5	230/460	4.5	8,30
	3600	184T	EM3613T-G	1,175	HV3	16.54	76	88.5	230/460	5.9	8,30
7 1/2	3600	184T	EM3663T-G	1,513	HV3	15.24	99	88.5	230/460	5.8	8,30
	1800	184T	EM3615T-G	1,116	HV3	18.04	92	89.5	230/460	6.7	8,30
	1800	184T	EM3665T-G	1,317	HV3	15.24	115	89.5	230/460	6.6	8,30
	1200	215T	EM3708T-G	1,745	HV3	19.76	154	89.5	230/460	7.3	8,30
	1200	215T	EM3768T-G	1,963	HV3	18.45	198	89.5	230/460	7.4	8,30
10	3600	213T	EM3709T-G	1,686	HV3	17.89	133	89.5	230/460	9	8,30
	3600	213T	EM3769T-G	1,963	HV3	18.45	169	89.5	230/460	9	8,30
	1800	213T	EM3710T-G	1,547	HV3	19.01	129	91.7	230/460	9.4	8,30
	1800	213T	EM3770T-G	1,924	HV3	18.45	193	91.7	230/460	9.5	8,30
	1200	254T	EM2276T-G	2,842	HV3	23.30	281	91	230/460	11	8,30
	3600	215T	EM3711T-G	1,706	HV3	17.89	118	90.2	230/460	11.8	8,30
	3600	215T	EM3771T-G	2,035	HV3	18.45	164	90.2	230/460	11.8	8,30
	1800	215T	EM3714T-G	1,718	HV3	20.51	156	91.7	230/460	12	8,30
	1800	215T	EM3774T-G	1,907	HV3	18.45	232	91.7	230/460	12.2	8
	1200	256T	EM2332T-G	3,202	HV3	23.30	322	91	230/460	14.1	8,30

(a) See notes on inside back flap. Cast iron frame Red catalog number indicates **NEW** product.

*IP54 when drain fitting kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

For more information visit baldor.com or new.abb.com/motors-generators

Super-E®, three phase, TEFC, foot mounted, with internal AEGIS® Bearing Protection Ring

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volt (continued)											
15	3600	254T	EM2394T-G	2,813	HV3	23.30	239	91	230/460	17.5	8,30
	1800	254T	EM2333T-G	2,599	HV3	23.30	270	92.4	230/460	18.1	8,30
	1200	284T	EM4100T-G	4,257	HV3	27.76	369	91.7	230/460	21	8,30
20	3600	256T	EM4106T-G	3,059	HV3	23.30	261	91	230/460	23	8,30
	1800	256T	EM2334T-G	3,089	HV3	23.30	295	93	230/460	24	8,30
	1200	286T	EM4102T-G	5,543	HV3	27.76	393	91.7	230/460	27	8,30
25	3600	284TS	EM4107T-G	3,986	HV3	24.70	323	91.7	230/460	29	8,30
	1800	284T	EM4103T-G	4,034	HV3	27.76	400	93.6	230/460	30	8,30
	1200	324T	EM4111T-G	6,301	HV3	30.39	507	93	230/460	32	8,30
30	3600	286TS	EM4108T-G	4,665	HV3	24.70	336	91.7	230/460	34	8,30
	1800	286T	EM4104T-G	4,715	HV3	27.76	410	93.6	230/460	38	8,30
	1200	326T	EM4117T-G	7,209	HV3	30.28	604	93	230/460	39	8,30
40	3600	324TS	EM4109T-G	6,333	HV3	28.78	532	92.4	230/460	46	8,30
	1800	324T	EM4110T-G	6,129	HV3	30.28	596	94.1	230/460	48	8,30
	1200	364T	EM4308T-G	9,194	HV3	33.48	883	94.1	230/460	49.4	8,30
50	3600	326TS	EM4114T-G	6,885	HV3	28.78	584	93	230/460	56	8,30
	1800	326T	EM4115T-G	6,655	HV3	30.28	648	94.5	230/460	58	8,30
	1200	365T	EM4312T-G	11,035	HV3	33.48	910	94.1	230/460	61.7	8,30
60	3600	364TS	EM4310T-G	9,843	HV3	31.36	900	95	230/460	66.3	8,30
	1800	364T	EM4314T-G	9,724	HV3	33.48	907	95	230/460	68	8,30
75	3600	365TS	EM4313T-G	11,392	HV3	31.36	966	94.5	230/460	81.9	8,30
	1800	365T	EM4316T-G	11,310	HV3	33.48	956	95.4	230/460	85.9	8,30
100	1800	405T	EM4400T-G	14,152	HV3	38.20	1214	95.4	230/460	112	8,30
200 volt											
5	1800	184T	EM3665T-8G	1,350	HV3	15.23	119	89.5	200	15.1	8
7 1/2	1800	213T	EM3770T-8G	1,725	HV3	18.45	170	91.7	200	21.4	8
10	1800	215T	EM3774T-8G	1,908	HV3	18.45	231	91.7	200	28	8
15	1800	254T	EM2333T-8G	2,599	HV3	23.30	254	92.4	200	42.4	8
575 volt											
1	1800	143T	EM3546T-5G	872	HV3	12.31	35	85.5	575	1.2	8
1 1/2	1800	145T	EM3554T-5G	900	HV3	13.31	42	86.5	575	1.8	8
2	1800	145T	EM3558T-5G	927	HV3	13.31	46	86.5	575	2.3	8
3	1800	182T	EM3611T-5G	1,037	HV3	16.54	76	89.5	575	3.3	8
5	1800	184T	EM3615T-5G	1,116	HV3	18.04	84	89.5	575	5.3	8
7 1/2	1800	213T	EM3710T-5G	1,547	HV3	19.01	126	91.7	575	7.6	8
10	1800	215T	EM3714T-5G	1,718	HV3	20.51	165	91.7	575	9.6	8
15	1800	254T	EM2333T-5G	2,599	HV3	23.30	250	92.4	575	14.6	8
20	1800	256T	EM2334T-5G	3,089	HV3	23.30	293	93	575	19.2	8
25	1800	284T	EM4103T-5G	4,034	HV3	27.76	364	93.6	575	24	8
30	1800	286T	EM4104T-5G	4,715	HV3	27.76	423	93.6	575	29	8
40	1800	324T	EM4110T-5G	6,129	HV3	30.28	576	94.1	575	39	8
50	1800	326T	EM4115T-5G	6,655	HV3	30.28	644	94.5	575	46	8

(a) See notes on inside back flap.

■ Cast iron frame

*IP54 when drain fitting kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

NEW!

Super-E, three phase, ODP, C-Face, foot mounted, with internal AEGIS® Bearing Protection Ring

1 thru 100 Hp

**IP22****Features:**

- Class H insulation for increased protection on inverter use
- Internal grounding ring for bearing current mitigation
- Designed for longevity with 3 year warranty
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2

Applications:

- Fans
- Pumps
- Blowers
- Unit handling
- HVAC systems
- Variable speed applications
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volt											
1	3600	56C	CEM31115-G	800	HV3	11.75	37	78.5	230/460	1.6	8, 12, 15, 30
	1800	143TC	CEM3116T-G	970	HV3	11.12	34	85.5	230/460	1.5	8, 30
	1200	145TC	CEM3156T-G	988	HV3	11.62	40	82.5	230/460	1.8	8, 30
1 1/2	3600	143TC	CEM3120T-G	856	HV3	11.12	34	84	230/460	2	8, 30
	1800	145TC	CEM3154T-G	1,006	HV3	11.62	38	86.5	230/460	2.2	8, 30
	1200	182TC	CEM3207T-G	1,143	HV3	15.00	67	86.5	230/460	2.5	8, 30
2	3600	143TC	CEM3155T-G	978	HV3	11.62	41	85.5	230/460	2.5	8, 30
	1800	145TC	CEM3157T-G	1,068	HV3	12.12	41	86.5	230/460	2.9	8, 30
	1200	184TC	CEM3215T-G	1,165	HV3	16.50	79	87.5	230/460	3.4	8, 30
3	3600	145TC	CEM3158T-G	988	HV3	13.00	51	85.5	230/460	3.8	8, 30
	1800	182TC	CEM3211T-G	1,151	HV3	15.00	72	89.5	230/460	4.2	8, 30
	1200	213TC	CEM3305T-G	1,448	HV3	16.32	131	88.5	230/460	4.5	8, 30
5	3600	182TC	CEM3212T-G	1,077	HV3	13.62	63	86.5	230/460	6	8, 30
	1800	184TC	CEM3218T-G	1,245	HV3	16.50	84	89.5	230/460	6.6	8, 30
	1200	215TC	CEM3309T-G	1,844	HV3	17.45	141	89.5	230/460	7.4	8, 30
7 1/2	3600	184TC	CEM3219T-G	1,612	HV3	15.00	75	88.5	230/460	8.6	8, 30
	1800	213TC	CEM3311T-G	1,764	HV3	16.32	130	91	230/460	9.7	8, 30
	1200	254TC	CEM2506T-G	2,215	HV3	23.19	243	90.2	230/460	11	8, 30
10	3600	213TC	CEM3312T-G	1,831	HV3	16.32	121	89.5	230/460	12	8, 30
	1800	215TC	CEM3313T-G	2,098	HV3	17.45	148	91.7	230/460	12.5	8, 30
	1200	256TC	CEM2511T-G	2,818	HV3	23.19	255	91.7	230/460	14.3	8, 30
15	3600	215TC	CEM3314T-G	2,527	HV3	16.32	131	90.2	230/460	17.5	8, 30
	1800	254TC	CEM2513T-G	2,937	HV3	21.69	251	93	230/460	17.7	8, 30
	1200	284TC	CEM2524T-G	3,781	HV3	23.81	280	91.7	230/460	20.5	8, 30
20	3600	254TC	CEM2514T-G	2,978	HV3	21.69	185	91	230/460	23.5	8, 30
	1800	256TC	CEM2515T-G	3,202	HV3	21.69	250	93	230/460	24	8, 30
	1200	286TC	CEM2528T-G	4,542	HV3	23.81	299	92.4	230/460	27	8, 30
25	3600	256TC	CEM2516T-G	4,252	HV3	21.69	233	91.7	230/460	28	8, 30
	1800	284TC	CEM2531T-G	4,704	HV3	25.06	314	93.6	230/460	30	8, 30
	1200	324TC	CEM2532T-G	5,451	HV3	27.69	384	93	230/460	34	8, 30
30	3600	284TSC	CEM2534T-G	4,187	HV3	22.44	320	91.7	230/460	35	8, 30
	1800	286TC	CEM2535T-G	5,119	HV3	25.06	340	94.1	230/460	35	8, 30
	1200	326TC	CEM2536T-G	5,673	HV3	28.69	457	93.6	230/460	38	8, 30
40	3600	286TSC	CEM2538T-G	5,315	HV3	22.44	328	92.4	230/460	46	8, 30
	1800	324TC	CEM2539T-G	5,487	HV3	27.19	392	94.1	230/460	49	8, 30

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.**NEW!**

NEW!**Super-E®, three phase, ODP, C-Face, foot mounted, with internal AEGIS® Bearing Protection Ring**

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volt (continued)											
50	3600	324TSC	CEM2542T-G	5,785	HV3	25.69	392	93	230/460	56	8, 30
	1800	326TC	CEM2543T-G	6,024	HV3	27.69	497	94.5	230/460	57	8, 30
60	3600	326TSC	CEM2546T-G	7,243	HV3	30.69	616	95	230/460	68	8, 30
	1800	364TC	CEM2547T-G	7,756	HV3	30.69	565	95	230/460	68	8, 30
75	3600	364TSC	CEM2549T-G	9,655	HV3	33.72	750	95	230/460	87	8, 30
	1800	365TC	CEM2551T-G	9,397	HV3	33.72	597	95	230/460	85	8, 30
100	3600	365TSC	CEM2550T-4G	13,402	HV3	36.97	898	95.4	460	115	8, 30
	1800	404TC	CEM2555T-4G	13,597	HV3	36.97	898	95.4	460	115	8, 30

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.**NEW!**

Super-E, three phase, ODP, foot mounted, with internal AEGIS® Bearing Protection Ring

1 thru 100 Hp



IP22



Features:

- Class H insulation for increased protection on inverter use
- Internal grounding ring for bearing current mitigation on DE retainer ring
- Designed for longevity with 3 year warranty
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2

Applications:

- Fans
- Pumps
- Blowers
- Unit handling
- HVAC systems
- Variable speed applications
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volt											
1	3600	56	EM31115-G	703	HV3	11.75	27	77	230/460	1.6	8, 12, 15, 30
	1800	143T	EM3116T-G	877	HV3	11.12	34	85.5	230/460	1.5	8, 30
	1200	145T	EM3156T-G	893	HV3	11.62	40	82.5	230/460	1.8	8, 30
1 1/2	3600	143T	EM3120T-G	778	HV3	11.12	34	84	230/460	2	8, 30
	1800	145T	EM3154T-G	909	HV3	11.62	38	86.5	230/460	2.2	8, 30
	1200	182T	EM3207T-G	1,048	HV3	15.00	67	86.5	230/460	2.5	8, 30
2	3600	143T	EM3155T-G	884	HV3	11.62	41	85.5	230/460	2.5	8, 30
	1800	145T	EM3157T-G	962	HV3	12.12	41	86.5	230/460	2.9	8, 30
	1200	184T	EM3215T-G	1,067	HV3	16.50	79	87.5	230/460	3.4	8, 30
3	3600	145T	EM3158T-G	893	HV3	13.00	46	85.5	230/460	3.8	8, 30
	1800	182T	EM3211T-G	1,055	HV3	15.00	72	89.5	230/460	4.2	8, 30
	1200	213T	EM3305T-G	1,328	HV3	16.32	110	88.5	230/460	4.5	8, 30
5	3600	182T	EM3212T-G	991	HV3	13.62	63	86.5	230/460	6	8, 30
	1800	184T	EM3218T-G	1,137	HV3	16.50	84	89.5	230/460	6.6	8, 30
	1200	215T	EM3309T-G	1,672	HV3	17.45	141	89.5	230/460	7.4	8, 30
7 1/2	3600	184T	EM3219T-G	1,456	HV3	15.00	75	88.5	230/460	8.6	8, 30
	1800	213T	EM3311T-G	1,602	HV3	16.32	115	91	230/460	9.7	8, 30
	1200	254T	EM2506T-G	2,032	HV3	23.19	243	90.2	230/460	11	8, 30
10	3600	213T	EM3312T-G	1,661	HV3	16.32	113	89.5	230/460	12	8, 30
	1800	215T	EM3313T-G	1,893	HV3	17.45	127	91.7	230/460	12.5	8, 30
	1200	256T	EM2511T-G	2,556	HV3	23.19	255	91.7	230/460	14.3	8, 30
15	3600	215T	EM3314T-G	2,266	HV3	16.32	126	90.2	230/460	17.5	8, 30
	1800	254T	EM2513T-G	2,660	HV3	21.69	210	93	230/460	17.7	8, 30
	1200	284T	EM2524T-G	3,428	HV3	23.81	280	91.7	230/460	20.5	8, 30
20	3600	254T	EM2514T-G	2,695	HV3	21.69	195	91	230/460	23.5	8, 30
	1800	256T	EM2515T-G	2,890	HV3	21.69	227	93	230/460	23.5	8, 30
	1200	286T	EM2528T-G	4,090	HV3	23.81	299	92.4	230/460	27	8, 30
25	3600	256T	EM2516T-G	3,177	HV3	21.69	212	91.7	230/460	28	8, 30
	1800	284T	EM2531T-G	3,543	HV3	25.06	314	93.6	230/460	30	8, 30
	1200	324T	EM2532T-G	4,941	HV3	27.69	384	93	230/460	34	8, 30
30	3600	284TS	EM2534T-G	3,781	HV3	22.44	310	91.7	230/460	35	8, 30
	1800	286T	EM2535T-G	3,839	HV3	25.06	340	94.1	230/460	35	8, 30
	1200	326T	EM2536T-G	5,134	HV3	28.69	457	93.6	230/460	38	8, 30
40	3600	286TS	EM2538T-G	4,762	HV3	22.44	328	92.4	230/460	46	8, 30
	1800	324T	EM2539T-G	4,972	HV3	27.19	392	94.1	230/460	49	8, 30
	1200	364T	EM2540T-G	7,170	HV3	30.69	606	94.1	230/460	51	8, 30
50	3600	324TS	EM2542T-G	5,232	HV3	25.69	392	93	230/460	56	8, 30
	1800	326T	EM2543T-G	5,439	HV3	27.69	473	94.5	230/460	57	8, 30

(a) See notes on inside back flap.

Super-E®, three phase, ODP, foot mounted, with internal AEGIS® Bearing Protection Ring

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volt (continued)											
60	1800	364T	EM2547T-G	7,117	HV3	30.69	616	95	230/460	68	8, 30
75	1800	365T	EM2551T-G	8,543	HV3	33.72	750	95	230/460	87	8, 30
100	1800	404T	EM2555T-4G	10,158	HV3	36.97	898	95.4	460	115	8
200 volt											
1	1800	143T	EM3116T-8G	877	HV3	11.12	38	85.5	200	3.5	8
1 1/2	1800	145T	EM3154T-8G	909	HV3	11.62	37	86.5	200	5.1	8
2	1800	145T	EM3157T-8G	962	HV3	12.12	43	86.5	200	6.5	8
3	1800	182T	EM3211T-8G	1,055	HV3	15.00	74	89.5	200	9.7	8
5	1800	184T	EM3218T-8G	1,137	HV3	16.50	92	89.5	200	15.3	8
7 1/2	1800	213T	EM3311T-8G	1,602	HV3	16.32	120	91	200	22.2	8
10	1800	215T	EM3313T-8G	1,893	HV3	17.45	132	91.7	200	29.5	8
15	1800	254T	EM2513T-8G	2,660	HV3	21.69	234	93	200	40.7	8
20	1800	256T	EM2515T-8G	2,890	HV3	21.69	250	93	200	54.3	8
25	1800	284T	EM2531T-8G	3,543	HV3	25.06	330	93.6	200	70	8
30	1800	286T	EM2535T-8G	3,839	HV3	25.06	340	94.1	200	81	8
40	1800	324T	EM2539T-8G	4,972	HV3	27.19	390	94.1	200	109	8
575 volt											
1	1800	143T	EM3116T-5G	877	HV3	11.12	38	85.5	575	1.2	8
1 1/2	1800	145T	EM3154T-5G	909	HV3	11.62	37	86.5	575	1.8	8
2	1800	145T	EM3157T-5G	962	HV3	12.12	43	86.5	575	2.3	8
3	1800	182T	EM3211T-5G	1,055	HV3	15.00	74	89.5	575	3.4	8
5	1800	184T	EM3218T-5G	1,137	HV3	16.50	92	89.5	575	5.3	8
7 1/2	1800	213T	EM3311T-5G	1,602	HV3	16.32	114	91	575	7.8	8
10	1800	215T	EM3313T-5G	1,893	HV3	17.45	132	91.7	575	10	8
15	1800	254T	EM2513T-5G	2,660	HV3	21.69	210	93	575	14.1	8
20	1800	256T	EM2515T-5G	2,890	HV3	21.69	250	93	575	18.9	8
25	1800	284T	EM2531T-5G	3,543	HV3	25.06	328	93.6	575	24.5	8
30	1800	286T	EM2535T-5G	3,839	HV3	25.06	340	94.1	575	28	8
40	1800	324T	EM2539T-5G	4,972	HV3	27.19	400	94.1	575	40	8

(a) See notes on inside back flap.

Super-E®, three phase, ODP, foot mounted

1 thru 100 Hp

IP22



Features:

- External provisions for bearing current mitigation
- Designed for longevity with 3 year warranty
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2

Applications:

- Fans
- Pumps
- Blowers
- Air handling
- HVAC systems
- Variable speed applications
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volt											
1	1800	143T	EHM3116T	578	HV3	11.12	35	85.5	230/460	1.5	30
1 1/2	1800	145T	EHM3154T	600	HV3	11.62	37	86.5	230/460	2.2	30
2	1800	145T	EHM3157T	645	HV3	12.13	41	86.5	230/460	2.9	30
3	1800	182T	EHM3211T	692	HV3	15.00	72	89.5	230/460	4.2	30
	1200	213T	EHM3305T	1,141	HV3	16.32	114	88.5	230/460	4.5	30
5	1800	184T	EHM3218T	751	HV3	16.50	85	89.5	230/460	6.6	30
	1200	215T	EHM3309T	1,485	HV3	17.45	141	89.5	230/460	7.4	30
7 1/2	1800	213T	EHM3311T	1,092	HV3	16.32	115	91	230/460	9.7	30
	1200	254T	EHM2506T	1,773	HV3	23.19	248	90.2	230/460	11	30
10	1800	215T	EHM3313T	1,314	HV3	17.45	127	91.7	230/460	12.5	30
	1200	256T	EHM2511T	2,297	HV3	23.19	260	91.7	230/460	14.3	30
15	1800	254T	EHM2523T	1,853	HV3	21.69	212	93	230/460	17.7	30
	1200	284T	EHM2524T	3,085	HV3	23.81	285	91.7	230/460	20.5	30
20	1800	256T	EHM2515T	2,318	HV3	21.69	225	93	230/460	23.5	30
	1200	286T	EHM2528T	3,747	HV3	23.81	375	92.4	230/460	27	30
25	1800	284T	EHM2531T	2,820	HV3	25.06	345	93.6	230/460	30	30
	1200	324T	EHM2532T	4,519	HV3	27.69	393	93	230/460	34	30
30	1800	286T	EHM2535T	4,011	HV3	25.06	339	94.1	230/460	35	30
	1200	326T	EHM2536T	4,712	HV3	28.69	482	93.6	230/460	38	30
40	1800	324T	EHM2539T	4,519	HV3	27.19	433	94.1	230/460	49	30
50	1800	326T	EHM2543T	4,920	HV3	27.69	469	94.5	230/460	57	30
60	1800	364T	EHM2547T	5,563	HV3	29.94	582	95	230/460	68	30
75	1800	365T	EHM2551T	6,822	HV3	33.72	752	95	230/460	87	30
100	1800	404T	EHM2555T	7,776	HV3	36.97	911	95.4	230/460	113	30
230/460 volt, F2 mounting											
2	1800	145T	EHFM3157T	645	HV3	12.13	49	86.5	230/460	2.9	30
3	1800	182T	EHFM3211T	692	HV3	15.00	68	89.5	230/460	4.2	30
5	1800	184T	EHFM3218T	1,092	HV3	16.50	82	89.5	230/460	6.6	30
7 1/2	1800	213T	EHFM3311T	1,314	HV3	16.32	115	91	230/460	9.7	30
10	1800	215T	EHFM3313T	1,480	HV3	17.45	127	91.7	230/460	12.5	30
15	1800	254T	EHFM2523T	1,853	HV3	21.69	212	93	230/460	17.7	30
20	1800	256T	EHFM2515T	2,318	HV3	21.69	227	93	230/460	23.5	30
25	1800	284T	EHFM2531T	2,820	HV3	25.06	301	93.6	230/460	30	30
30	1800	286T	EHFM2535T	3,082	HV3	25.06	328	94.1	230/460	35	30
40	1800	324T	EHFM2539T	4,011	HV3	27.19	429	94.1	230/460	49	30
50	1800	326T	EHFM2543T	4,920	HV3	27.69	466	94.5	230/460	57	30

(a) See notes on inside back flap.

Super-E, three phase, ODP, foot mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
200 volt											
1	1800	143T	EHM3116T-8	578	HV3	11.12	34	85.5	200	3.5	
1 1/2	1800	145T	EHM3154T-8	600	HV3	11.62	38	86.5	200	5.1	
2	1800	145T	EHM3157T-8	645	HV3	12.13	41	86.5	200	6.5	
3	1800	182T	EHM3211T-8	692	HV3	15.00	71	89.5	200	9.7	
5	1800	184T	EHM3218T-8	751	HV3	16.50	85	89.5	200	15.3	
7 1/2	1800	213T	EHM3311T-8	1,092	HV3	16.32	115	91	200	22.2	
10	1800	215T	EHM3313T-8	1,314	HV3	17.45	120	91.7	200	29.5	30
15	1800	254T	EHFM2523T-8	1,848	HV3	21.69	211	93	200	40.7	6, 30
		254T	EHM2523T-8	1,853	HV3	21.69	210	93	200	40.7	30
20	1800	256T	EHM2515T-8	2,318	HV3	21.69	226	93	200	54.3	30
25	1800	284T	EHM2531T-8	2,820	HV3	25.06	369	93.6	200	70	
30	1800	286T	EHM2535T-8	3,082	HV3	25.06	331	94.1	200	81	
40	1800	324T	EHM2539T-8	4,011	HV3	26.69	434	94.1	200	108	
50	1800	326T	EHM2543T-8	4,920	HV3	27.69	459	94.5	200	132	

(a) See notes on inside back flap.

Super-E®, three phase, TEFC, foot mounted

1 thru 50 Hp

IP44*



Features:

- External provisions for bearing current mitigation
- Designed for longevity with 3 year warranty
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2

Applications:

- Fans
- Pumps
- Blowers
- Air handling
- HVAC systems
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
230/460 volt											
1	1800	143T	EHM3546T	652	HV3	12.31	37	85.5	230/460	1.5	1, 30
1 1/2	1800	145T	EHM3554T	655	HV3	13.29	44	86.5	230/460	2.2	1, 30
2	1800	145T	EHM3558T	701	HV3	13.29	46	86.5	230/460	2.9	1, 30
3	1800	182T	EHM3611T	772	HV3	16.54	73	89.5	230/460	4.2	1, 30
5	1800	184T	EHM3615T	843	HV3	18.04	93	89.5	230/460	6.7	1, 30
	1200	215T	EHM3708T	1,558	HV3	19.78	154	89.5	230/460	7.3	1, 30
7 1/2	1800	213T	EHM3710T	1,201	HV3	19.03	128	91.7	230/460	9.4	1, 30
	1200	254T	EHM2276T	2,583	HV3	23.28	294	91	230/460	11	1, 30
10	1800	215T	EHM3714T	1,355	HV3	20.53	165	91.7	230/460	12	1, 30
	1200	256T	EHM2332T	2,943	HV3	23.28	290	91	230/460	14.1	1, 30
15	1800	254T	EHM2333T	2,070	HV3	23.28	250	92.4	230/460	18.1	1, 30
	1200	284T	EHM4100T	3,914	HV3	27.76	400	91.7	230/460	21	1, 30
20	1800	256T	EHM2334T	2,504	HV3	23.28	288	93	230/460	24	1, 30
	1200	286T	EHM4102T	5,201	HV3	27.76	457	91.7	230/460	27	1, 30
25	1800	284T	EHM4103T	3,266	HV3	27.76	430	93.6	230/460	30	1, 30
	1200	324T	EHM4111T	5,879	HV3	30.39	465	93	230/460	32	1, 30
30	1800	286T	EHM4104T	3,870	HV3	27.76	423	93.6	230/460	38	1, 30
40	1800	324T	EHM4110T	5,051	HV3	30.28	612	94.1	230/460	48	1, 30
50	1800	326T	EHM4115T	5,501	HV3	30.28	622	94.5	230/460	58	1, 30
575 volt											
1	1800	143T	EHM3546T-5	652	HV3	12.31	37	85.5	575	1.2	1
1 1/2	1800	145T	EHM3554T-5	655	HV3	13.29	44	86.5	575	1.8	1
2	1800	145T	EHM3558T-5	701	HV3	13.29	47	86.5	575	2.3	1
3	1800	182T	EHM3611T-5	772	HV3	16.54	74	89.5	575	3.3	1
5	1800	184T	EHM3615T-5	843	HV3	18.04	92	89.5	575	5.3	1
7 1/2	1800	213T	EHM3710T-5	1,201	HV3	19.03	127	91.7	575	7.6	1
10	1800	215T	EHM3714T-5	1,355	HV3	20.53	165	91.7	575	9.6	1
15	1800	254T	EHM2333T-5	2,070	HV3	23.28	255	92.4	575	14.6	1
20	1800	256T	EHM2334T-5	2,504	HV3	23.28	286	93	575	19.2	1
25	1800	284T	EHM4103T-5	3,266	HV3	27.76	397	93.6	575	24	1
30	1800	286T	EHM4104T-5	3,870	HV3	27.76	395	93.6	575	29	1
40	1800	324T	EHM4110T-5	5,051	HV3	30.28	575	94.1	575	39	1
50	1800	326T	EHM4115T-5	5,501	HV3	30.28	622	94.5	575	50	1

(a) See notes on inside back flap.

■ Cast iron frame

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

Chiller/cooling tower, three phase, TEAO

3 thru 60 Hp

IP55



Features:

- Severe duty construction for harsh environments
- Corrosion resistant epoxy finish
- Multiple lifting provisions for ease of installation
- Strategically placed drains for optimal moisture removal
- Four barrier shaft sealing system on drive end
- Lipped conduit lid for increased ingress protection

Applications:

- Cooling towers
- Chillers
- Fans
- Pumps
- Air handling
- HVAC systems
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Airflow Ft/Min	Notes (a)
3	1800	213T	ECTM3611T-57	1495	HV3	16.32	116	87.5	230/380-415	4.8	1200	
	1200	213T	ECTM3704T	1236	HV3	17.45	140	89.5	230/460	4.6	1200	
	1800	213T	ECTM3615T-57	1804	HV3	17.45	134	88.5	230/380-415	7.4	1200	
5	1800	184T	CTM3665T	1,095	HV3	13.68	100	87.5	208-230/460	6.9	1200	
		184T	ECTM3665T	1,239	HV3	13.68	108	89.5	208-230/460	6.6	1200	
		213T	ECTM3708T	1486	HV3	18.95	185	89.5	230/460	7.2	1200	
	1200	215T	CTM3768T	1,660	HV3	19.54	206	87.5	208-230/460	7.5	1200	
		215T	ECTM3768T	1,968	HV3	19.54	227	90.2	230/460	7.3	1200	30
7 1/2		213T	CTM3770T	1,458	HV3	19.54	164	89.5	208-230/460	10.3	1500	
		213T	ECTM3770T	1,653	HV3	19.54	170	91.7	208-230/460	9.5	1500	
	1200	254T	CTM2276T	2,025	HV3	22.16	179	89.5	208-230/460	10.9	1500	
		254T	ECTM2276T	2,802	HV3	23.00	290	91	230/460	11	1500	30
		215T	CTM3774T	1,861	HV3	19.54	170	89.5	208-230/460	13	1500	
10		215T	ECTM3774T	2,218	HV3	19.54	231	91.7	208-230/460	12.2	1500	
	1200	256T	CTM2332T	2,254	HV3	23.00	275	89.5	230/460	14.4	1500	30
		256T	ECTM2332T	3,201	HV3	23.00	297	91	230/460	14.4	1500	30
15		254T	CTM2333T	2,472	HV3	22.16	236	91	208-230/460	18.5	1500	
		254T	ECTM2333T	2,944	HV3	23.00	278	92.4	230/460	18.1	1500	30
	1200	284T	ECTM4100T	4,268	HV3	25.63	345	91.7	230/460	20	1500	30
20		256T	CTM2334T	2,756	HV3	23.91	245	91	230/460	25	1500	30
		256T	ECTM2334T	3,284	HV3	23.00	293	93	230/460	24	1500	30
25		284T	CTM4103T	3,341	HV3	25.78	343	92.4	230/460	29	1500	30
		284T	ECTM4103T	4,042	HV3	25.63	378	93.6	230/460	30	1500	30
30		286T	CTM4104T	4,010	HV3	25.78	363	92.4	230/460	36	1500	30
		286T	ECTM4104T	4,797	HV3	25.63	410	93.6	230/460	38	1500	30
40		324T	CTM4110T	5,334	HV3	28.38	529	93	230/460	47	2000	30
		324T	ECTM4110T	6,273	HV3	28.38	553	94.1	230/460	48	1500	30
50	1800	326T	ECTM4115T	7,500	HV3	28.38	598	94.5	230/460	58	2000	30
60	1800	364T	ECTM4314T	9,863	HV3	29.70	835	95	230/460	68	2000	30

(a) See notes on inside back flap.

Cast iron frame

Chiller/cooling tower, three phase, two speed, TEFC

10 thru 60 Hp

IP55



Features:

- Multi speed electrical design
- Severe duty construction for harsh environments
- Corrosion resistant epoxy finish
- Lead lugs for ease of connectivity

Applications:

- Cooling towers
- Chillers
- Fans
- Pumps
- Air handling
- HVAC systems
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency (b)	Voltage	Full Load Amps	Notes (a)
10/2.5	1800/900	215T	CTM1760T	3,455	HV3	19.32	210	89.5	460	14.3	
15/3.75	1800/900	254T	CTM1761T	4,381	HV3	24.78	290	90.2	460	18.1	
20/5	1800/900	256T	CTM1762T	5,293	HV3	24.78	299	91	460	23.6	
25/6.25	1800/900	284T	CTM1763T	6,158	HV3	27.93	342	91.7	460	32	
30/7.5	1800/900	286T	CTM1764T	7,069	HV3	27.93	333	91.7	460	36	
40/10	1800/900	324T	CTM1765T	9,280	HV3	30.28	619	92.4	460	48	
50/12.5	1800/900	326T	CTM1766T	10,949	HV3	30.28	657	90.2	460	63	
60/15	1800/900	364T	CTM1767T	15,857	HV3	33.44	836	93	460	69.6	

(a) See notes on inside back flap.

(b) Full load efficiency is at 1800 RPM and low speed efficiency is not published.

Cast iron frame

Ventilation fan, three phase TEAO, C-Face, footless

1/2 thru 1 Hp

IP44*



Features:

- Terminal panel for ease of connectivity
- Lubed for life double sealed bearings
- Locked DE bearing to allow mounting in any configuration

Applications:

- Fans
- Pumps
- Blowers
- Condensers
- Air handling
- HVAC systems
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/2	900	56C	VAOM3560	673	HV3	12.68	50	64	208-230/460	1.6	
1	900	56C	VAOM3527	798	HV3	14.93	57	74	208-230/460	3.2	

(a) See notes on inside back flap.

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

Three phase, TEOA, foot mounted

1/4 thru 10 Hp

IP44*



Features:

- 36" long leads for ease of connectivity
- Oversized ball bearings for large overhung load from shaft mounted fans
- Locked DE bearing to allow mounting in any configuration

Applications:

- Fans
- Pumps
- Blowers
- Condensers
- Air handling
- HVAC systems
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/4	1800	48	AOM3454	337	HV3	9.63	18	64	230/460	0.7	2, 20, 30
	1200	48	AOM3455	529	HV3	9.63	19	68	230/460	0.7	2, 20, 30
1/3	1800	48	AOM3458	376	HV3	9.63	18	68	230/460	0.9	2, 20, 30
	1200	56	AOM3535	557	HV3	10.25	22	70	208-230/460	0.9	2, 20
1/2	1800	56	AOM3538	442	HV3	10.25	25	70	208-230/460	1.1	2, 20
	1200	56	AOM3539	600	HV3	10.88	24	72	208-230/460	1.2	2, 20
3/4	1800	56	AOM3542	476	HV3	10.25	23	72	208-230/460	1.6	2, 20
	1200	56	AOM3543	617	HV3	11.75	31	77	208-230/460	1.5	2, 20
1	1800	143T	AOM3546T	495	HV3	11.81	33	75.5	208-230/460	1.8	2
	1200	145T	AOM3556T	626	HV3	11.12	35	78.5	208-230/460	1.9	2
1 1/2	900	182T	AOM3617T	1,212	HV3	13.62	62	74	208-230/460	2.2	2
	1800	145T	AOM3554T	515	HV3	11.12	34	81.5	208-230/460	2.3	2, 20
2	1200	182T	AOM3607T	716	HV3	13.62	50	78.5	208-230/460	2.5	2, 20
	1800	145T	AOM3558T	546	HV3	12.12	38	82.5	208-230/460	3	2, 20
3	1200	184T	AOM3614T	768	HV3	15.00	63	81.5	208-230/460	3.4	2, 20
	900	213T	AOM3702T	1,839	HV3	16.32	97	82.5	208-230/460	3.5	2
5	1800	182T	AOM3611T	640	HV3	13.62	59	85.5	208-230/460	4.5	2, 20
	1200	213T	AOM3704T	962	HV3	16.32	92	84	208-230/460	4.8	2, 20
7 1/2	900	215T	AOM3705T	2,010	HV3	17.44	113	86.5	208-230/460	5.2	2, 20
	1800	184T	AOM3615T	740	HV3	15.00	71	87.5	208-230/460	6.8	1
10	1200	215T	AOM3708T	1,377	HV3	16.32	115	86.5	208-230/460	7.6	2, 20
	900	254T	AOM25904T	3,194	HV3	19.63	208	82.5	230/460	8.9	1, 30
7 1/2	1800	213T	AOM3710T	949	HV3	16.32	106	87.5	208-230/460	10.9	1
10	1800	215T	AOM3714T	1,150	HV3	17.45	126	89.5	208-230/460	13.5	2, 20

(a) See notes on inside back flap.

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

Condenser fan, three phase, ODP, “belly band” round body

1/2 thru 1 1/2 Hp

IP22



Features:

- 6" long shaft with flat and keyway
- Terminal panel for ease of connectivity
- Automatic thermal overload protection
- Lubed for life double shielded bearings

Applications:

- Fans
- Pumps
- Blowers
- Condensers
- Air handling
- HVAC systems
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/2	1200	48YZ	CFM3036A	566	HV3	14.29	25	72	208-230/460	1.2	2, 20
		56YZ	CFM3136A	586	HV3	15.30	28	70	208-230/460	1.2	
3/4	1200	48YZ	CFM3046A	614	HV3	16.02	33	77	208-230/460	1.5	2, 20
		56YZ	CFM3146A	633	HV3	15.55	33	75.5	208-230/460	1.4	
1	1200	56YZ	CFM3156A	722	HV3	16.55	38	75.5	208-230/460	1.8	
1 1/2	1200	56YZ	CFM3166A	785	HV3	17.43	48	76	208-230/460	2.5	

(a) See notes on inside back flap.

Condenser fan, three phase, TEAO, “belly band” round body

1/2 Hp

IP44*



Features:

- Low temp grease for use in industrial freezers
- Terminal panel for ease of connectivity
- Automatic thermal overload protection
- Lubed for life double shielded bearings
- 60 and 50 Hz data included for connection at either frequency

Applications:

- Industrial freezers/ refrigeration
- Food processing plants
- Low temperature condensers

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/2	1200	56	M3539-TP	625	HV3	11.68	29	70	208-230/460	1.2	

(a) See notes on inside back flap.

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

Fan and blower, single and three phase, ODP, resilient base 1/4 thru 2 Hp

IP22



Features:

- Resilient cushion base for low noise and reduced vibration
- Terminal panel for ease of connectivity
- Automatic thermal overload protection
- Lubed for life double shielded bearings

Applications:

- Fans
- Pumps
- Blowers
- Condensers
- Air handling
- HVAC systems
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Single phase											
1/4	1800	48	ERL1203A	312	HV1	10.34	20	68.5	115/230	1.3	13, 30, 96
1/3	1800	56	ERL1206A	345	HV1	10.96	24	72.4	115/230	1.7	13, 30, 96
	3600	48	RL1209A	333	HV1	10.96	27	74	115/230	4.2	12, 30, 96
1/2	1800	56	RL1304A	434	HV1	11.59	26	62	115/230	4.2	12, 30, 66, 96
		56	RL1323A	395	HV1	10.97	24	62	115/230	4	2, 66
	3600	56	ERL1306A	459	HV1	11.59	26	76.2	115/230	3.3	12, 30, 66, 96
3/4	1800	56H	RL1307A	532	HV1	12.96	34	68	115/230	5.1	12, 30, 66, 96
		56	RL1324A	428	HV1	12.47	31	71	115/230	5	2, 66
1	3600	56H	ERL1309A	528	HV1	11.42	36	82	115/230	3.9	12, 30, 66, 96
	1800	56H	RL1310A	578	HV1	12.04	34	68	115/230	6.5	12, 30, 66
1 1/2	3600	56H	ERL1313A	689	HV1	13.30	52	82	115/230	5.9	15, 30, 66
	1800	56H	ERL1319A	774	HV1	14.67	59	83.8	115/230	6.2	15, 66
Single phase, 277 volt											
1/3	1800	56	RL1301A277	446	HV1	10.97	23	60	277	2.5	13, 66
1/2	1800	56	RL1304A277	464	HV1	11.59	26	62	277	3.6	12, 66
3/4	1800	56H	RL1307A277	639	HV1	12.47	34	66	277	4.2	12, 66
1	1800	56H	RL1310A277	657	HV1	12.42	42	70	277	5.4	66
1 1/2	1800	56H	ERL1319A277	774	HV1	14.67	59	84	277	5.2	15, 66
Three phase											
1/4	1800	48	ERM3003	437	HV3	10.34	21	69.5	230/460	0.5	13, 15, 30
		48	ERM3007	455	HV3	10.34	24	73.4	230/460	0.7	13, 15, 30
1/3	1800	56	ERM3104	455	HV3	10.97	24	73.4	230/460	0.7	13, 15, 30
	3600	48	ERM3009	480	HV3	10.34	24	73.4	230/460	0.8	12, 15, 30
1/2	1800	48	ERM3010	489	HV3	11.84	31	78.2	230/460	0.8	12, 15, 30
		56	ERM3108	489	HV3	11.97	31	78.2	230/460	0.8	12, 15, 30
3/4	3600	56	ERM3111	485	HV3	10.97	24	76.8	230/460	1.2	12, 15, 30
	1800	56	ERM3112	539	HV3	11.42	38	84	208-230/460	1.3	12, 15
	3600	56	ERM3115	512	HV3	12.47	27	77	230/460	1.6	12, 15, 30
1	1800	56	ERM3116	562	HV3	11.42	37	83.5	230/460	1.45	15, 30
	3600	56H	ERM3120	543	HV3	11.42	34	84	208-230/460	2	15
1 1/2	1800	56H	ERM3154	580	HV3	12.42	41	86.5	208-230/460	2.2	15
	3600	56H	ERM3155	630	HV3	12.42	43	85.5	230/460	2.6	15
2	1800	56H	ERM3157	673	HV3	12.42	43	86.5	208-230/460	2.9	15

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

Three phase, ODP

1/3 thru 5 Hp

IP22



Features:

- Terminal panel for ease of connectivity
- Automatic thermal overload protection
- Lubed for life double shielded bearings

Applications:

- Fans
- Pumps
- Blowers
- Condensers
- Air handling
- HVAC systems
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted											
5	1800	184T	EHM3218TA	1,076	HV3	16.50	84	89.5	230/460	6.6	11, 30
Resilient base											
1/3	1800	48	RM3007A	321	HV3	10.34	21	68	230/460	0.8	12, 30
1/2	1800	56H	RM3108A	487	HV3	10.97	25	72	230/460	0.9	12, 30, 36
3/4	1800	56H	RM3112A	524	HV3	11.59	32	74	230/460	1.5	12, 30, 36, 96
1	1800	56H	RM3116A	546	HV3	12.47	32	78.5	230/460	2	30, 36, 96
1 1/2	1800	56H	RM3154A	580	HV3	12.04	34	78.5	208-230/460	2.4	36
2	1800	56H	RM3157A	665	HV3	12.42	40	81.5	208-230/460	2.9	36
3	3600	145TY	ERM3158TA	797	HV3	13.64	48	85.5	230/460	3.8	30
5	3600	145TY	ERHM3162TA	1,138	HV3	15.02	60	86.5	230/460	6.1	30

(a) See notes on inside back flap.

(PSC) – direct drive fan, single phase, foot mounted, TEAO

1/4 thru 1/2 Hp

IP44*



Features:

- 1" extended through bolts for grille mounting
- Terminal panel for ease of connectivity
- Automatic thermal overload protection
- Lubed for life double shielded bearings
- Switchless design for increased reliability

Applications:

- Fans
- Pumps
- Blowers
- Condensers
- Air handling
- HVAC systems
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/4	1800	48Z	PSC3413A	400	HV1	11.34	19	65.5	115/230	1.3	2, 29
1/3	1800	48Z	PSC3416A	444	HV1	11.34	21	62	115/230	1.8	2, 29
1/2	1800	48Z	PSC3524A	487	HV1	11.96	24	65	115/230	3	2, 29

(a) See notes on inside back flap.

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

Direct drive fan, single and three phase, TEAO

1/4 thru 1 Hp

IP54



Features:

- Resilient cushion base for low noise and reduced vibration
- 1" extended through bolts for grille mounting
- Terminal panel for ease of connectivity
- Automatic thermal overload protection
- Lubed for life double shielded bearings

Applications:

- Fans
- Pumps
- Blowers
- Condensers
- Air handling
- HVAC systems
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	S.F.	Notes (a)
Single phase, permanent split capacitor											
1/4	1800	48Z	CHC144A	347	HV1	11.35	21	115/230	1.4	1	30
	1200	48Z	CHC164A	403	HV1	11.35	22	115/230	1.5	1.15	30
1/3	1800	48Z	CHC244A	387	HV1	11.35	22	115/230	1.7	1.15	30
	1200	48Z	CHC264A	467	HV1	11.35	26	115/230	1.8	1.15	30
1/2	1800	56YZ	CHC345A	438	HV1	12.70	27	115/230	2.6	1.15	30
	1200	56YZ	CHC365A	504	HV1	13.58	31	115/230	3.2	1.15	30
3/4	1800	56YZ	CHC445A	499	HV1	13.58	35	115/230	3.7	1.15	
1	1800	56	CHC545A	534	HV1	13.04	39	115/230	4.9	1	
	1200	56	CHC565A	722	HV1	13.92	51	115/230	5.3	1	20
Three phase											
1/4	1200	48YZ	CHM164A	408	HV3	11.34	20	230/460	0.7	1.25	30, 96
1/3	1200	48YZ	CHM264A	435	HV3	11.34	19	230/460	0.9	1.25	30
	1800	48YZ	CHM344A	416	HV3	11.34	23	230/460	1.1	1.25	30
1/2		56YZ	CHM345A	419	HV3	12.08	24	230/460	1.1	1.25	30
	1200	48YZ	CHM364A	473	HV3	11.96	25	230/460	1.2	1.25	30
		56YZ	CHM365A	477	HV3	12.70	28	230/460	1.2	1.25	30
3/4	1200	56YZ	CHM465A	545	HV3	13.58	34	208-230/460	1.5	1.15	
1	1800	56YZ	CHM545A	526	HV3	13.58	34	208-230/460	1.7	1.15	
	1200	56	CHM565A	620	HV3	13.04	40	208-230/460	1.8	1.15	

(a) See notes on inside back flap.

Yoke/pedestal fan, single phase, PSC, TEAO

1/4 thru 1/2 Hp

IP54



Features:

- Robust stamped steel pedestal mount
- 1" extended through bolts for grille mounting
- Terminal panel for ease of connectivity
- Automatic thermal overload protection
- Lubed for life double shielded bearings
- Switchless design for increased reliability

Applications:

- Fans
- Pumps
- Blowers
- Condensers
- Air handling
- HVAC systems
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	S.F.	Notes (a)
1/4	1800	48YZ	YPC144A	297	HV1	10.68	18	115	2.5	1	
	1200	48YZ	YPC164A	337	HV1	10.68	22	115	2.8	1	
1/3	1800	48YZ	YPC244A	321	HV1	10.68	21	115	3.4	1	
	1200	56YZ	YPC245A	326	HV1	10.68	21	115	3.4	1	
1/2	1200	48YZ	YPC264A	369	HV1	10.68	22	115	3.5	1	
	1800	48YZ	YPC344A	369	HV1	10.68	22	115	5.1	1	
	1800	56YZ	YPC345A	374	HV1	10.68	24	115	5.1	1	
	1200	48YZ	YPC364A	422	HV1	11.31	27	115	5.4	1	

(a) See notes on inside back flap.

Farm duty motors

ABB offers one of the most complete lines of Farm duty motors available on the market. As the largest motor manufacturer in North America, ABB has led the market for Farm duty motors for years. We have the motor for just about any agricultural applications you may have.



Key features:

- Dynamically balanced rotor to reduce noise and increased bearing life
- Color coded and numbered leads for ease of connectivity
- Corrosion resistant brown epoxy finish
- Optimized windings to protect against voltage drop and phase shift
- Baldor-Reliance® motors meet or exceed all efficiency requirements for US, Canada and Mexico regulations

1/3 - 100 Horsepower

Product line – TEFC, ODP, TEO, OPAO & TENV enclosures		Super-E®	Grain Dryer/ Centrifugal Fan	Grain Dryer/ Vane Axial Fan	Universal Crop Dryer	Aeration Fan	(PSC)-Direct Drive Fan
NEMA frame sizes		56-405T	184TZ-326TZ	145TZ-215TZ	184Z-215Z	56Z-145T	48Z-56Z
Electrical features							
Efficiency	Super-E® motor designs meet or exceed NEMA Premium® requirements	S	S	S	–	S	–
Torque	NEMA Design B torques as a minimum	S	–	S	–	S	–
Service factor & temp. rise	1.0 service factor – continuous	S	S	S	S	S	S
	1.15 service factor	S	S	S	–	–	–
	1.25 service factor	–	–	–	–	S	–
	Class F insulation with Class B rise	S	S	S	S	S	S
Windings	Single phase	S	S	S	S	S	S
	Three phase	S	S	S	–	S	–
	Corona inception testing – meets NEMA Part 31.4.4.2	S	S	S	S	S	S
	Single dip & bake with 100% solids epoxy	S	S	S	S	S	S
Connections	Grounding terminal inside main conduit box	S	S	S	S	S	S
Document	Documented final motor tests – ship with motor	A	A	A	A	A	A
Mechanical features							
Frame	Steel band frame – cast iron endplates & conduit box, steel fan cover	S	S	S	S	S	S
	Cast iron frame – cast iron endplates & conduit box, cast iron fan cover	S	S	–	–	–	–
	Screens on ODP to protect against entry of trash, snakes or rodents	–	S	S	S	–	–
Conduit box	Oversized conduit box rotatable in 90 degree increments on three phase motors	A	A	A	–	A	–
	Gasketed conduit box	S	A	A	A	A	–
	NPT threaded lead inlet hole in conduit box	S	S	–	S	S	S
Lubrication	Lubrication fittings on T frames	S	–	–	–	S	–
	Grease inlet fitting – DE & ODE on bearings not sealed	–	–	–	S	S	–
	Mobil Polyrex™ EM moisture resistant grease	S	S	S	A	A	S
Shaft seals	Lip and V-Ring seal on drive end	S	S	S	S	–	–
Cooling	Non-metallic external cooling fan	S	S	–	–	–	–
Paint	Corrosion resistant E-Coat	S	S	S	S	S	S
	Painted with brown 2-part epoxy primer and epoxy finish coat	S	S	S	S	S	S
Nameplate	Laser etched nameplate with highly legible font	S	S	S	S	S	S

S = Standard A = Available through Mod Express® or as custom

For more information visit baldor.com or new.abb.com/motors-generators

Super-E®, three phase, TEFC

1/2 thru 100 Hp

IP54



Features:

- Lubed for life double sealed ball bearings
- Lip seal and V-Ring slinger on DE for increased moisture resistance
- Designed for longevity with 3 year warranty
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2

Applications:

- Industrial fans
- General purpose farm
- Industrial pumps

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/2	1800	56	FDM3538	530	FD3	11.35	24	74.0	208-230/460	1.0	1
3/4	1800	56	FDM3542	567	FD3	11.35	27	75.5	208-230/460	1.5	1
1	1800	56	FDEM3546	755	FD3	12.23	38	85.5	230/460	1.5	1, 30
		143T	FDEM3546T	765	FD3	12.31	38	85.5	230/460	1.5	1, 30
1 1/2	1800	56	FDEM3554	772	FD3	13.23	41	86.5	230/460	2.2	1, 30
		145T	FDEM3554T	787	FD3	13.31	41	86.5	230/460	2.2	1, 30
2	1800	56	FDEM3558	791	FD3	13.23	45	86.5	230/460	2.9	1, 30
		145T	FDEM3558T	815	FD3	13.31	45	86.5	230/460	2.9	1, 30
3	3600	182T	FDEM3610T	936	FD3	16.52	64	87.5	230/460	3.5	1, 30
	1800	182T	FDEM3611T	903	FD3	16.55	70	89.5	230/460	4.2	1, 30
5	3600	184T	FDEM3613T	1,048	FD3	16.55	74	88.5	230/460	5.9	1, 30
	1800	184T	FDEM3615T	986	FD3	18.05	93	89.5	230/460	6.7	1, 30
7 1/2	3600	213T	FDEM3709T	1,565	FD3	17.89	121	89.5	230/460	9	1, 30
	1800	213T	FDEM3710T	1,419	FD3	19.02	127	91.7	230/460	9.4	1, 30
10	3600	215T	FDEM3711T	1,586	FD3	17.89	118	90.2	230/460	11.8	1, 30
	1800	215T	FDEM3714T	1,599	FD3	20.52	165	91.7	230/460	12	1, 30
15	3600	254T	FDEM2394T	2,688	FD3	23.66	254	91	230/460	17.5	1, 30
	1800	254T	FDEM2333T	2,464	FD3	23.66	270	92.4	230/460	18.1	1, 30
20	3600	256T	FDEM4106T	2,947	FD3	23.66	271	91	230/460	23	1, 30
	1800	256T	FDEM2334T	2,978	FD3	23.66	300	93	230/460	24	1, 30
25	3600	284TS	FDEM4107T	3,842	FD3	24.71	323	91.7	230/460	29	1, 30
	1800	284T	FDEM4103T	3,893	FD3	27.76	380	93.6	230/460	30	1, 30
30	3600	286TS	FDEM4108T	4,555	FD3	24.71	323	91.7	230/460	34	1, 30
	1800	286T	FDEM4104T	4,608	FD3	27.76	425	93.6	230/460	38	1, 30
40	3600	324TS	FDEM4109T	6,276	FD3	28.78	528	92.4	230/460	46	1, 30
	1800	324T	FDEM4110T	6,062	FD3	30.28	567	94.1	230/460	48	1, 30
50	3600	326TS	FDEM4114T	6,856	FD3	28.78	575	93	230/460	56	1, 30
	1800	326T	FDEM4115T	6,614	FD3	30.28	610	94.5	230/460	58	1, 30
60	1800	364T	FDEM4314T	9,497	FD3	33.48	910	95	230/460	67.8	1, 30
75	1800	365T	FDEM4316T	11,072	FD3	33.48	977	95.4	230/460	84.9	1, 30
100	1800	405T	FDEM4400T	13,784	FD3	38.19	1,326	95.4	230/460	112	1, 30
C-Face, footless											
1/2	1800	56C	VFDM3538	515	FD3	11.35	24	74	230/460	1.0	1, 30
3/4	1800	56C	VFDM3542	557	FD3	11.35	27	75.5	230/460	1.5	1, 30
1	1800	56C	VFDEM3546	742	FD3	12.23	37	85.5	230/460	1.5	1, 30
1 1/2	1800	56C	VFDEM3554	760	FD3	13.23	41	86.5	230/460	2.2	1

(a) See notes on inside back flap.

■ Cast iron frame

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
575 volt											
1	1800	56	FDEM3546-5	755	FD3	12.23	37	85.5	575	1.2	
		143T	FDEM3546T-5	765	FD3	12.31	37	85.5	575	1.2	
1 1/2	1800	56	FDEM3554-5	772	FD3	13.23	41	86.5	575	1.8	
		145T	FDEM3554T-5	787	FD3	13.31	41	86.5	575	1.8	
2	1800	56	FDEM3558-5	791	FD3	13.23	45	86.5	575	2.3	
		145T	FDEM3558T-5	815	FD3	13.31	45	86.5	575	2.3	
3	3600	182T	FDEM3610T-5	936	FD3	15.14	50	86.5	575	2.9	
	1800	182T	FDEM3611T-5	903	FD3	16.55	73	89.5	575	3.3	
5	3600	184T	FDEM3613T-5	1,048	FD3	16.55	74	88.5	575	4.7	
	1800	184T	FDEM3615T-5	986	FD3	18.05	93	89.5	575	5.3	
7 1/2	3600	213T	FDEM3709T-5	1,565	FD3	17.89	121	89.5	575	7	
	1800	213T	FDEM3710T-5	1,419	FD3	19.02	129	91.7	575	7.5	
10	3600	215T	FDEM3711T-5	1,586	FD3	17.89	121	90.2	575	9.5	
	1800	215T	FDEM3714T-5	1,599	FD3	20.52	165	92.4	575	10	
15	3600	254T	FDEM2394T-5	2,688	FD3	23.66	239	91.0	575	13.7	
	1800	254T	FDEM2333T-5	2,464	FD3	23.66	268	92.4	575	14.6	
20	3600	256T	FDEM4106T-5	2,947	FD3	23.66	229	91.0	575	18	
	1800	256T	FDEM2334T-5	2,987	FD3	23.66	322	93.0	575	19.2	
25	3600	284TS	FDEM4107T-5	3,842	FD3	24.70	317	91.7	575	23	
	1800	284T	FDEM4103T-5	3,893	FD3	27.76	447	93.6	575	25	
30	3600	286TS	FDEM4108T-5	4,555	FD3	24.70	317	91.7	575	28	
	1800	286T	FDEM4104T-5	4,606	FD3	27.76	461	93.6	575	31	
40	3600	324TS	FDEM4109T-5	6,276	FD3	28.78	553	92.4	575	37	
	1800	324T	FDEM4110T-5	6,062	FD3	30.28	605	94.1	575	39	
50	3600	326TS	FDEM4114T-5	6,856	FD3	28.78	595	93.0	575	45	
	1800	326T	FDEM4115T-5	6,614	FD3	30.28	695	94.5	575	46	
60	1800	364T	FDEM4314T-5	9,497	FD3	33.48	965	95.0	575	54.7	
75	1800	365T	FDEM4316T-5	11,072	FD3	33.49	965	95.4	575	68.7	
100	1800	405T	FDEM4400T-5	13,784	FD3	38.19	1,326	95.4	575	89.6	

(a) See notes on inside back flap.

■ Cast iron frame

Single phase, TEFC

1/3 thru 16 Hp

IP54



Features:

- Lubed for life double sealed ball bearings
- Lip seal and V-Ring slinger on DE for increased moisture resistance
- Gasketed manual reset thermal overload protection

Applications:

- Agri-duty
- Industrial fans
- General purpose farm
- Industrial pumps

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Foot mounted											
1/3	1800	56	FDL3501M	453	FD1	11.35	23	60	115/230	3	13, 30
1/2	1800	56	FDL3504M	529	FD1	11.97	28	68	115/230	3.7	12, 30
3/4	1800	56	FDL3507M	621	FD1	13.35	37	74	115/230	4.4	12
1	1800	56H	FDL3510M	703	FD1	12.93	41	67	115/230	6.5	30
		143T	FDL3510TM	703	FD1	13.29	40	67	115/230	6.5	30
1 1/2	1800	56H	FDL3514M	791	FD1	13.91	49	80	115/230	6.2	2
		145T	FDL3514TM	793	FD1	14.17	51	80	115/208-230	6.2	2
C-Face, foot mounted											
1/2	1800	56C	CFDL3504M	695	FD1	11.97	28	68	115/230	3.7	12, 30
3/4	1800	56C	CFDL3507M	807	FD1	13.35	39	74	115/230	4.4	12
1	1800	56CH	CFDL3510M	911	FD1	13.25	47	67	115/230	6.5	30
1 1/2	1800	56CH	CFDL3514M	1,024	FD1	14.12	51	80	115/208-230	6.2	2
2	1800	56CHZ	CFDL3516TM	1,298	FD1	14.13	53	82.5	230	7.9	1
C-Face, footless											
1/3	1800	56C	VFDL3501M	585	FD1	11.35	23	60	115/230	3	13, 30
1/2	1800	56C	VFDL3504M	670	FD1	11.97	27	68	115/230	3.7	12, 30
3/4	1800	56C	VFDL3507M	780	FD1	13.35	44	74	115/230	4.4	12
1	1800	56C	VFDL3510M	882	FD1	13.25	40	67	115/230	6.5	30
1 1/2	1800	56C	VFDL3514M	999	FD1	14.12	48	80	115/208-230	6.2	2
Foot mounted, extra high torque											
2	1800	56HZ	FDL3516TM	1,119	FD1	14.19	51	82.5	230	7.9	1
		182T	FDL3611TM	1,262	FD1	16.55	77	75	115/230	14	2
		184	FDL3611M	1,295	FD1	15.67	76	74	115/230	12.4	2
3	1800	184	FDL3610M	1,537	FD1	17.18	90	80	230	15.5	2, 20
		184T	FDL3610TM	1,500	FD1	18.05	90	80	230	15.5	2, 20
		184T	FDL3619TM	1,208	FD1	16.54	82	81.5	230	13.2	2, 20
5	1800	184T	FDL3612TM	1,574	FD1	18.05	100	80	230	23	2, 20
		215	FDL3731M	1,934	FD1	18.65	126	84	230	20.5	2, 20
7 1/2	1800	213	FDL3732M	2,226	FD1	18.65	147	84	230	30	2, 20
		213T	FDL3733TM	2,049	FD1	19.02	146	84	230	30	2, 20
10	1800	215T	FDL3712TM	2,252	FD1	20.77	160	84	230	40	2, 20, 89
		215T	FDL3737TM	2,397	FD1	21.27	169	86.5	230	39	2, 20, 89
16	1800	256T	FDL3912T	3,475	FD1	24.56	290	86.5	208-230	58	2,20
		256T	FDL1177T	4,594	FD1	23.28	322	87.5	208-230	61	2,20
C-Face, footless, extra high torque											
2	1800	145TC	VFDL3516TM	1,298	FD1	14.17	53	82.5	230	7.9	1, 20
3	1800	184TC	VFDL3610TM	1,758	FD1	18.05	98	80	230	15.5	2, 20
5	1800	184TC	VFDL3612TM	2,147	FD1	18.33	101	80	230	23	2, 20
C-Face, footless, F-2, extra high torque											
2	1800	145TC	VFDL3516TM	1,298	FD1	14.17	53	82.5	230	7.9	1, 20
3	1800	184TC	VFDL3610TM	1,758	FD1	18.05	98	80	230	15.5	2, 20
5	1800	184TC	VFDL3612TM	2,147	FD1	18.33	101	80	230	23	2, 20

(a) See notes on inside back flap.  Cast iron frame

Single phase, TEAO, foot mounted

1/2 thru 1 1/2 Hp

IP54



Features:

- Lubed for life double sealed ball bearings
- Lip seal and V-Ring slinger on DE for increased moisture resistance
- MG1 Part 31.4.4.2

Applications:

- Industrial fans
- General purpose farm
- Industrial pumps

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/2	1800	56H	FDAOL3504A	485	FD1	12.08	32	78.5	115/230	2.4	30
3/4	1800	56H	FDAOL3507A	530	FD1	12.08	35	74	115/230	4.1	30
1	1800	56H	FDAOL3521A	575	FD1	11.80	39	78.5	115/208-230	4.7	
1 1/2	1800	56H	FDAOL3532A	677	FD1	12.68	50	75.5	115/208-230	8	

(a) See notes on inside back flap.

Cast iron frame

Grain dryer/centrifugal fan, single and three phase, TEFC and ODP

3 thru 50 Hp

Open
IP22

Enclosed
IP54



Features:

- Shaft length 1" longer than NEMA standard
- Lubed for life double sealed ball bearings
- Lip seal and V-Ring slinger on DE for increased moisture resistance
- Screens on ODP to protect against trash and debris

Applications:

- High pressure grain drying
- Farm building fans

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Single phase, open drip proof											
5	1800	184TZ	GDL1605T	1,623	FD1	19.06	97	80	230	22.5	2, 20
7 1/2	1800	215TZ	GDL1607T	2,135	FD1	22.57	142	82.5	230	32	1, 20
10	1800	215TZ	GDL1610T	2,470	FD1	22.85	160	84	230	40	2, 20
16	1800	256TZ	GDL1615T	3,675	FD1	24.19	271	86.5	208-230	62	2, 20
Single phase, totally enclosed fan cooled											
5	1800	184TZ	GDL3665T	2,029	FD1	16.41	100	82.5	230	21	2, 20
7 1/2	1800	215TZ	GDL3770T	2,669	FD1	19.45	198	85.5	230	29.6	1
10	1800	215TZ	GDL3774T	3,087	FD1	19.45	210	86.5	230	38	2, 20
16	1800	256TZ	GDL2333T	4,594	FD1	24.28	310	88.5	208-230	60	2, 20
Three phase, open drip proof											
5	1800	184TZ	EGDM3218T	1,073	FD3	17.50	92	89.5	230/460	6.6	1, 30
		184TZ	GDM3218T	898	FD3	16.00	68	87.5	208-230/460	7.2	16
7 1/2	1800	213TZ	EGDM3311T	1,573	FD3	17.32	120	91	230/460	9.7	1, 30
		213TZ	GDM3311T	1,274	FD3	18.00	92	88.5	208-230/460	9.9	16
10	1800	215TZ	EGDM3313T	1,864	FD3	18.45	132	91.7	230/460	12.5	1, 30
		215TZ	GDM3313T	1,544	FD3	17.32	116	89.5	208-230/460	13.4	16
15	1800	254TZ	EGDM2513T	2,580	FD3	22.69	239	93	230/460	17.7	1, 30
		254TZ	GDM2513T	1,900	FD3	21.00	156	91	208-230/460	19	1, 16
20	1800	256TZ	EGDM2515T	2,986	FD3	22.69	245	93	230/460	23.5	1, 30
		256TZ	GDM2515T	2,502	FD3	23.25	187	91.7	230/460	24	16, 30
25	1800	284TZ	EGDM2531T	3,692	FD3	26.06	375	93.6	230/460	30	1, 30
		284TZ	GDM2531T	3,074	FD3	24.44	245	91.7	230/460	31	16, 30
30	1800	286TZ	EGDM2535T	4,130	FD3	26.06	382	94.1	230/460	35	1, 30
		286TZ	GDM2535T	3,575	FD3	25.94	281	92.4	230/460	36	16, 30
Three phase, totally enclosed fan cooled											
3	1800	182TZ	EGDM3661T	1,376	FD3	16.98	105	89.5	230/460	4.1	1, 30
		184TZ	EGDM3615T	1,407	FD3	19.05	95	89.5	230/460	6.7	1, 30
5	1800	184TZ	GDM3615T	1,082	FD3	17.55	80	87.5	208-230/460	6.8	1, 16
		184TZ	EGDM3665T	1,568	FD3	16.98	119	89.5	230/460	6.6	1, 30
7 1/2	1800	213TZ	EGDM3710T	1,732	FD3	20.03	127	91.7	230/460	9.4	1, 30
		213TZ	GDM3710T	1,356	FD3	18.90	117	89.5	208-230/460	10.1	1, 16
		213TZ	EGDM3770T	1,929	FD3	19.45	170	91.7	230/460	9.5	1, 30
10	1800	215TZ	EGDM3714T	2,515	FD3	21.53	165	91.7	230/460	12	1, 30
		215TZ	GDM3714T	2,164	FD3	20.03	131	89.5	208-230/460	13.5	1, 16
		215TZ	EGDM3774T	2,775	FD3	19.45	231	91.7	230/460	12.5	1, 30
15	1800	254TZ	EGDM2333T	3,393	FD3	24.66	255	92.4	230/460	18.1	1, 30
		254TZ	GDM2333T	2,868	FD3	22.07	231	89.5	208-230/460	18.9	1, 16
20	1800	256TZ	EGDM2334T	3,592	FD3	24.66	303	93	230/460	24	1, 30
		256TZ	GDM2334T	3,067	FD3	23.83	245	91	230/460	25	1, 16, 30
25	1800	284TZ	EGDM4103T	4,523	FD3	28.76	422	93.6	230/460	30	30
		284TZ	GDM4103T	4,358	FD3	26.93	345	92.4	230/460	29	1, 16, 30
30	1800	286TZ	EGDM4104T	5,302	FD3	28.76	460	93.6	230/460	38	30
		286TZ	GDM4104T	5,137	FD3	26.93	366	92.4	230/460	36	1, 16, 30
40	1800	324TZ	EGDM4110T	7,030	FD3	31.28	578	94.1	230/460	48	30
		324TZ	GDM4110T	6,855	FD3	31.28	497	93	230/460	47	1, 16, 30
50	1800	326TZ	EGDM4115T	7,271	FD3	31.28	608	94.5	230/460	58	30
		326TZ	GDM4115T	7,096	FD3	31.28	552	91	230/460	60	1, 16, 30

(a) See notes on inside back flap.

Cast iron frame

For more information visit baldor.com or new.abb.com/motors-generators

Grain dryer/vane axial fan, single and three phase, TEAO and OPAO

1 1/2 thru 15 Hp

Open
IP22

Enclosed
IP54



Features:

- Shaft length 3/4" longer than NEMA standard
- 1/4-20 tapped and keyed shaft
- Convenient lead location for ease of conduit connectivity
- Normally closed winding thermostats to protect against overheating
- Lubed for life double sealed ball bearings on TEAO motors
- Lip seal and V-Ring slinger on DE for increased moisture resistance on TEAO motors

Applications:

- Vane axial fan crop dryers

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Single phase, totally enclosed air over											
1.5 - 3	3600	145TZ	UCLE153	1,078	FD1	14.25	52	85.5	230	12.5	1, 30
3 - 4.5	3600	145TZ	UCLE3145	1,104	FD1	15.62	61	82.5	230	12.5	2, 20
5 - 7.5	3600	182TZ	UCLE570	1,344	FD1	16.88	93	84	230	20.5	2, 8
7.5 - 10	3600	182TZ	UCLE7510	1,453	FD1	16.88	95	85.5	230	38	2, 20, 30
10 - 15	3600	215Z	UCLE1015	2,252	FD1	18.56	167	89	230	46	2, 20
Single phase, open air over											
3 - 4.5	3600	145TZ	UCL3145	1,043	FD1	15.62	59	77.8	230	14.3	2, 20
		5 - 7.5	UCL345	1,086	FD1	14.88	72	74	230	22	2, 20
7.5 - 10	3600	182TZ	UCL570	1,283	FD1	16.88	91	80	230	35	2, 20
7.5 - 10.5	3600	182TZ	UCL710	1,376	FD1	16.88	89	85	230	31	2, 20
10 - 15	3600	215Z	UCL7510	1,742	FD1	17.44	107	81	230	37	2, 20
10 - 15	3600	215Z	UCL1015	2,232	FD1	17.81	137	84	230	44	2, 20
Three phase, totally enclosed air over											
1.5 - 3	3600	145TZ	UCME153	758	FD3	13.37	39	80	208-230/460	4.1	2, 20
3 - 4.5	3600	143TZ	UCME3145	801	FD3	13.37	46	84.5	208-230/460	6	2, 8
5 - 7.5	3600	184TZ	UCME570	1,006	FD3	15.38	69	84	230/460	9	2, 20, 30
7.5 - 10	3600	184TZ	UCME7510	1,180	FD3	16.88	85	86.5	230/460	11.5	2, 20, 30
7.5 - 9.2	3600	184TZ	UCME759	1,180	FD3	16.88	84	89.5	208-230/460	8.5	2, 20
10 - 14	3600	215Z	UCME1014	1,507	FD3	16.69	124	87.5	208-230/460	16.5	2, 20
Three phase, open air over											
5 - 7.5	3600	184TZ	UCM575	949	FD3	15.38	66	84	230/460	9.5	2, 20
7.5 - 10	3600	184TZ	UCM713	1,135	FD3	16.88	89	84	208-230/460	12	2
10 - 15	3600	215Z	UCM1014	1,459	FD3	16.69	102	85.5	208-230/460	18	2, 20

(a) See notes on inside back flap.

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

Universal crop dryer, single phase, PSC (switchless), OPAO

5 thru 15 Hp

IP22



- Features:
- Shaft length 3/4” longer than NEMA standard
 - 1/4-20 tapped and keyed shaft
 - Convenient lead location for ease of conduit connectivity
 - Switchless design for increased reliability
 - Lubed for life double shielded ball bearings
 - Normally closed winding thermostats to protect against overheating
- Applications:
- Vane axial fan crop dryers

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Open air over											
5 - 7.5	3600	184TZ	UCC5700	1,150	FD1	15.38	74	79	230	19.5	
7.5 - 10	3600	184TZ	UCC7100	1,264	FD1	16.88	78	85.5	230	28	
10 - 15	3600	215Z	UCC10150	2,389	FD1	18.57	127	83	230	41	

(a) See notes on inside back flap.

Auger drive, single phase, TEFC, flange mount, capacitor start

1/3 thru 1 1/2 Hp

IP44**Features:**

- Mechanically protected centrifugal switch from over speeding
- Extended opposite DE shaft for manual jog
- Gasketed manual reset thermal overload protection
- Lubed for life double shielded ball bearings
- NEMA 56N flange for industry standard drive/gear connection

Applications:

- Poultry feed auger drive systems

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/3	1800	48YZ	ANFL3501M	549	FD1	12.44	24	60	115/230	3	12, 30
1/2	1800	48YZ	ANFL3504M	616	FD1	12.44	28	68	115/230	3.7	12, 30
3/4	1800	48YZ	ANFL3507M	718	FD1	13.32	34	74	115/230	4.1	12, 30
1	1800	56YZ	ANFL3510M	886	FD1	13.55	41	67	115/230	6.5	30
1 1/2	1800	56YZ	ANFL3514M	1,315	FD1	14.43	49	75.5	115/230	9	2, 30

(a) See notes on inside back flap.

Grain stirring, single phase, TEFC, foot mounted

1 1/2 Hp

IP44**Features:**

- Slotted fan cover on DE to prevent clogging
- Gasketed manual reset thermal overload protection
- Lubed for life double shielded ball bearings

Applications:

- Inside bin grain stirring systems

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1 1/2	1800	56Z	GSL3509M	776	FD1	12.29	41	80	208-230	6.4	

(a) See notes on inside back flap.

Instant reversing, single phase, TEFC, foot mounted

1/3 thru 1 Hp

IP44



Features:

- High starting torque
- Electrically designed for optimal performance in instant reversing applications
- Gasketed manual reset thermal overload protection
- Lubed for life double shielded ball bearings

Applications:

- Barn cleaners
- Bulk feeders
- Mechanical gates/doors
- Hoists

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/3	1800	56	IR3501M	515	FD1	11.35	25	60	115/208-230	3	2
1/2	1800	56	IR3504M	592	FD1	11.97	28	68	115/208-230	3.7	2
3/4	1800	56Y	IR3507M	677	FD1	13.25	40	70	115/208-230	4.6	2
1	1800	56	IR3510M	733	FD1	13.25	40	65	230	6.2	1

(a) See notes on inside back flap.

Aeration fan, single and three phase, TEO, foot mounted

1/2 thru 3 Hp

IP44



Features:

- 1/4-20 tapped and keyed shaft
- Terminal panel for ease of connectivity
- Automatic thermal overload protection (single phase)
- Normally closed winding thermostats to protect against overheating (three phase)
- Lubed for life double shielded ball bearings

Applications:

- Aeration fans for grain storage
- Exhaust fans
- Air handling systems

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Single phase											
1/2	1800	56	AFL3504A	380	FD1	11.58	32	78.5	115/230	2.3	2
3/4	3600	56Z	AFL3520A	399	FD1	11.59	29	71	115/230	5.5	2
1	3600	56	AFL3521A	470	FD1	12.68	39	66	115/230	6	2
1	1800	56	AFL3510A	550	FD1	12.68	47	77	115/230	4.8	2
1 1/2	3600	56	AFL3525A	608	FD1	12.68	42	70	115/230	8.3	2, 30
		143TZ	AFL3522A	651	FD1	12.74	43	70	115/230	8.3	2, 30
2	3600	143TZ	AFL3523A	795	FD1	13.61	51	74	115/230	11.5	2
3	3600	145TZ	AFL3524A	829	FD1	13.61	52	78	230	15	2
Three phase											
3/4	3600	56Z	AFM3528	404	FD3	10.97	24	74	230/460	1.3	30
1	3600	56Z	AFM3529	439	FD3	10.97	22	75.5	230/460	1.8	30
1 1/2	3600	143TZ	AFM3530	507	FD3	12.45	30	80	208-230/460	2.3	
3	3600	145T	AFM3532	672	FD3	12.74	45	82.5	208-230/460	3.8	2

(a) See notes on inside back flap.

(PSC) – direct drive fan, single phase, TEAO

1/4 thru 1 Hp

IP44



Features:

- Switchless design for increased reliability
- 1" extended through bolts for grille mounting
- Terminal panel for ease of connectivity
- Automatic thermal overload protection
- Lubed for life double shielded ball bearings

Applications:

- Confinement houses
- Exhaust fans
- Air handling fans
- Unit heaters

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/4	1800	48Z	CHC3413A	399	FD1	11.35	22	54	115/230	2.4	2, 29
1/3	1800	48Z	CHC3416A	434	FD1	11.97	25	56	115/230	2.8	2, 29
	1200	48Z	CHC3417A	543	FD1	11.97	26	54	115/230	2.8	2, 29
1/2	1800	56	CHC3504A	485	FD1	11.59	25	72	115/230	2.6	30
	1200	56Z	CHC3525A	623	FD1	13.54	40	70	115/230	2.6	2, 74
	900	56Z	CHC3526A	771	FD1	14.42	50	50	115/230	4.6	2, 74
1	1800	56H	CHL3510A	525	FD1	12.42	47	78	115/230	4.8	30

(a) See notes on inside back flap.

Dairy/vacuum pump, single phase, TEFC, foot mounted

7 1/2 thru 10 Hp

IP44



Features:

- Gasketed manual reset thermal overload protection
- Oversized conduit/capacitor box for ease of connectivity
- Aluminum heat sync fan on DE for increased bearing life

Applications:

- Vacuum pumps dairy industry

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
7 1/2	1800	215T	DEL3733TM	3,104	FD1	20.77	162	85	230	28	1
10	1800	215T	DEL3737TM	3,791	FD1	21.27	160	86.5	230	39	8, 89

(a) See notes on inside back flap.

Metering pump, three phase, TEFC, foot mounted

1/3 Hp

IP44



Features:

- F3 conduit box location for optimal mounting clearance
- Lubed for life double shielded ball bearings
- 60 & 50 Hz data included for connection at either frequency

Applications:

- Metering pump systems

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes (a)
1/3	1800	48	MPM3458	391	FD1	10.72	20	230/460	0.8	2

(a) See notes on inside back flap.

Incubator/hatchery vent fan, single phase, TEAO

1/3 Hp

IP44



Features:

- Normally closed winding thermostats to protect against overheating
- 1" extended through bolts for grille mounting
- Terminal panel for ease of connectivity
- Pilot Circuit to facilitate system protection
- Flat slinger on DE for improved moisture protection
- Lubed for life double shielded ball bearings

Applications:

- Incubator/hatchery fans
- HVAC condensers
- Grille mount vent fan applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	S.F.	Notes (a)
1/3	1800	48Z	HIC264A	360	FD1	10.09	20	115/230	1.9	1.00	
		48Z	HIC274A	360	FD1	10.09	20	115/230	2.2	1.00	

(a) See notes on inside back flap.

Ammonia refrigeration compressor motors, three phase, ODP, 460 and 2300/4160 volt, foot mounted

150 thru 500 Hp

IP22



Features:

- Low noise design
- 1.15 SF
- Meet or exceed all efficiency requirements for US, Canada and Mexico regulations
- Rated for across the line start
- Class F insulation with Class B temp rise
- Cast iron frame for reduced vibration and increased strength

Applications:

- Ammonia refrigeration compressors
- Pumps

Standard 460 Volt motor

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
460 volts (wye start delta run)											
150	3600	404/5TS	EM251152T-4	13,117	DPC	31.00	1140	95.4	460	167	1,10
200	3600	444/5TS	EM251202T-4	14,864	DPC	35.81	1737	95.4	460	221	1,10
250	3600	444/5TS	EM251252T-4	17,437	DPC	35.81	1539	95.4	460	274	1,10
300	3600	447TSS/TS	EM251302T-4	27,254	DPC	39.31	1899	95.4	460	334	1,10
350	3600	447TSS/TS	EM251352T-4	31,190	DPC	39.31	1899	95.4	460	381	1,10
400	3600	449TS	EM251402T-4	36,592	DPC	44.31	4000	96.2	460	431	1,10
450	3600	449TS	EM251452T-4	40,294	DPC	44.31	4000	96.2	460	494	1,10
500	3600	449TS	EM251502T-4	44,548	DPC	39.37	2595	96.2	460	544	1,10

(a) See notes on inside back flap.

■ Cast iron frame

Custom induction motors available up to 30,000 Hp, contact your sales representative for additional information.

Conversion base kits are available in the Motor Accessories section.

Three phase, two speed, TEFC, foot mounted

1/2 thru 25 Hp

IP54



Features:

- Dual speed ratings
- High performance ball bearings
- Dynamically balanced rotor
- Heavy duty steel or cast-iron frame

Applications:

- Fans
- Blowers
- Machine tools
- Hoists
- Conveyors
- Pumps

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes (a)
Constant torque, one winding, low voltage										
1/5	1800/900	143T	M1504T	1,308	DP2	13.31	39	208-230	2.8	10, 71
1.5/.75	1800/900	145T	M1505T	1,382	DP2	14.19	47	230	4.1	8, 10, 71
2/1	1800/900	184T	M1506T	1,678	DP2	16.54	64	208-230	5.5	10, 71
3/1.5	1800/900	184T	M1507T	1,900	DP2	18.04	84	230	8.3	1, 10, 71
5/2.5	1800/900	215T	M1508T	2,482	DP2	19.01	134	208-230	13	1, 10, 71
7.5/3.8	1800/900	215T	M1509T	3,231	DP2	20.51	185	230	18.9	1, 10, 71
Constant torque, one winding, high voltage										
1/5	1800/900	143T	M1704T	1,308	DP2	14.19	45	460	1.4	71
1.5/.75	1800/900	145T	M1705T	1,382	DP2	14.19	47	460	2.1	8, 71
2/1	1800/900	184T	M1706T	1,678	DP2	16.54	65	460	2.8	71
3/1.5	1800/900	184T	M1707T	1,900	DP2	18.04	84	460	4.2	1, 71
5/2.5	1800/900	215T	M1708T	2,482	DP2	19.01	132	460	6.5	1, 71
7.5/3.8	1800/900	215T	M1709T	3,231	DP2	20.51	181	460	9.4	1, 71
10/5	1800/900	254T	M1710T	4,977	DP2	23.28	263	460	13	1, 71
15/7.5	1800/900	256T	M1711T	5,762	DP2	23.28	267	460	19.2	1, 71
20/10	1800/900	284T	M1712T	7,321	DP2	27.76	378	460	25	1, 10, 71
25/13	1800/900	286T	M1713T	8,887	DP2	27.76	397	460	29	1, 10, 71
Variable torque, one winding, low voltage										
1/.25	1800/900	143T	M1554T	922	DP2	12.31	33	208-230	3	10, 71
1.5/.38	1800/900	145T	M1555T	959	DP2	13.31	41	208-230	4.8	10, 71
2/.5	1800/900	145T	M1556T	1,114	DP2	13.31	41	208-230	6.1	10, 71
3/.75	1800/900	184T	M1557T	1,197	DP2	16.54	65	208-230	8	10, 71
5/1.3	1800/900	184T	M1558T	1,523	DP2	18.04	83	208-230	13.5	8, 10, 71
Variable torque, one winding, high voltage										
1/.25	1800/900	143T	M1754T	922	DP2	12.31	33	460	1.7	1, 10, 71
1.5/.38	1800/900	145T	M1755T	959	DP2	13.31	38	460	2.3	1, 10, 71
2/.5	1800/900	145T	M1756T	1,114	DP2	14.19	45	460	3	1, 71
3/.75	1800/900	184T	M1757T	1,197	DP2	16.54	63	460	4	71
5/1.3	1800/900	184T	M1758T	1,523	DP2	18.04	84	460	6.7	1, 71
7.5/1.9	1800/900	215T	M1759T	2,145	DP2	19.01	136	460	9.3	1, 71
10/2.5	1800/900	215T	M1760T	2,527	DP2	20.52	158	460	12.5	8, 71
15/3.75	1800/900	254T	M1761T	3,493	DP2	23.28	247	460	19.6	71
20/5	1800/900	284T	M1762T	4,129	DP2	27.76	344	460	26	1, 71
25/6.3	1800/900	286T	M1763T	4,791	DP2	27.76	384	460	32	71
Variable torque, two windings, low voltage										
.75/.33	1800/1200	56	M1519	1,020	DP2	13.23	37	230	2.8	10, 71
1/.44	1800/1200	145T	M1520T	1,065	DP2	13.31	42	208-230	3.1	1, 10, 71
1.5/.67	1800/1200	182T	M1521T	1,315	DP2	15.17	58	208-230	4.4	1, 10, 71
2/.89	1800/1200	182T	M1522T	1,509	DP2	16.54	66	208-230	5.8	1, 10, 71
3/1.3	1800/1200	184T	M1523T	1,765	DP2	16.54	73	208-230	8	1, 10, 71
5/2.2	1800/1200	215T	M1524T	2,764	DP2	19.01	126	230	12.8	1, 10, 71

(a) See notes on inside back flap.

Cast iron frame

Three phase, two speed, TEFC, foot mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes (a)
Variable torque, two windings, high voltage										
.5/.22	1800/1200	56	M1718	951	DP2	12.23	29	460	1.1	1, 10, 71
.75/.33	1800/1200	56	M1719	1,051	DP2	12.23	33	460	1.4	1, 10, 12, 71
1/.44	1800/1200	145T	M1720T	1,065	DP2	13.31	35	460	1.6	1, 10, 71
1.5/.67	1800/1200	182T	M1721T	1,315	DP2	14.26	50	460	2.2	1, 71
2/.89	1800/1200	182T	M1722T	1,509	DP2	16.52	58	460	2.8	1, 10, 71
3/1.3	1800/1200	184T	M1723T	1,765	DP2	16.54	73	460	4	1, 71
5/2.2	1800/1200	215T	M1724T	2,764	DP2	19.01	128	460	6.4	1, 71
7.5/3.3	1800/1200	254T	M1725T	3,572	DP2	23.28	230	460	10.3	1, 10, 71
10/4.4	1800/1200	254T	M1726T	4,111	DP2	21.07	225	460	12.5	10, 71
15/6.7	1800/1200	284T	M1727T	4,879	DP2	27.76	355	460	19.3	1, 10, 71
20/8.9	1800/1200	286T	M1728T	6,615	DP2	27.76	390	460	27	1, 10, 71
25/11	1800/1200	324T	M1729T	6,968	DP2	30.28	512	460	30	1, 10, 71

(a) See notes on inside back flap.

■ Cast iron frame

Three phase, two speed, ODP, foot mounted

1/2 thru 25 Hp

IP22



Features:

- Dual speed ratings
- High performance ball bearings
- Dynamically balanced rotor
- Heavy duty steel or cast-iron frame

Applications:

- Fans
- Blowers
- Pumps

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes (a)
Variable torque, one winding, low voltage										
1/2.25	1800/900	143T	M1004T	878	DP2	11.12	33	208-230	3	1
1.5/3.8	1800/900	145T	M1005T	913	DP2	12.13	38	208-230	4.4	1
2/5	1800/900	145T	M1006T	1,054	DP2	12.13	41	230	6.1	1
3/7.5	1800/900	184T	M1007T	1,132	DP2	13.62	56	208-230	8	1
5/1.3	1800/900	184T	M1008T	1,363	DP2	15.00	71	230	13.2	1
7.5/1.9	1800/900	215T	M1009T	1,947	DP2	16.32	113	230	20	1, 10
10/2.5	1800/900	215T	M1010T	2,207	DP2	17.45	133	208-230	25	1, 10
Variable torque, one winding, high voltage										
1/2.25	1800/900	143T	M1204T	878	DP2	11.12	33	460	1.5	1
1.5/3.8	1800/900	145T	M1205T	913	DP2	12.13	37	460	2.2	1
2/5	1800/900	145T	M1206T	1,054	DP2	12.13	41	460	3.1	1
3/7.5	1800/900	184T	M1207T	1,132	DP2	13.62	56	460	4	1
5/1.3	1800/900	184T	M1208T	1,363	DP2	15.00	72	460	6.6	1
7.5/1.9	1800/900	215T	M1209T	1,947	DP2	16.32	112	460	10	1
10/2.5	1800/900	215T	M1210T	2,207	DP2	17.45	132	460	13	1
15/3.8	1800/900	254T	M1211T	3,100	DP2	21.69	206	460	20	1
20/5	1800/900	256T	M1212T	3,799	DP2	21.69	204	460	26	1
25/6.3	1800/900	284T	M1213T	4,458	DP2	23.81	330	460	34	1, 10
Variable torque, two windings, low voltage										
.75/3.3	1800/1200	56	M1019	943	DP2	12.07	36	230	2.8	
1/4.4	1800/1200	145T	M1020T	1,016	DP2	12.13	41	230	3	1, 10
1.5/6.7	1800/1200	182T	M1021T	1,231	DP2	13.62	55	208-230	4.4	1, 10
2/8.9	1800/1200	182T	M1022T	1,404	DP2	15.00	64	230	5.8	1, 10
3/1.3	1800/1200	184T	M1023T	1,635	DP2	15.00	72	230	8	1
5/2.2	1800/1200	215T	M1024T	2,516	DP2	16.32	113	230	12.8	1, 10
Variable torque, two windings, high voltage										
.5/2.2	1800/1200	56	M1218	898	DP2	11.07	33	460	0.9	
.75/3.3	1800/1200	56	M1219	943	DP2	12.07	36	460	1.4	1, 10
1/4.4	1800/1200	145T	M1220T	1,016	DP2	12.13	41	460	1.9	
1.5/6.7	1800/1200	182T	M1221T	1,231	DP2	13.62	55	460	2.2	1, 10
2/8.9	1800/1200	182T	M1222T	1,404	DP2	15.00	65	460	3	1
3/1.3	1800/1200	184T	M1223T	1,635	DP2	15.00	72	460	4	1
5/2.2	1800/1200	215T	M1224T	2,516	DP2	16.32	113	460	6.4	1
7.5/3.3	1800/1200	256T	M1225T	3,346	DP2	22.25	148	460	9.9	1
10/4.4	1800/1200	256T	M1226T	3,779	DP2	22.25	172	460	12.7	1, 10
15/6.7	1800/1200	284T	M1227T	4,585	DP2	23.81	345	460	17.9	1, 10
20/8.9	1800/1200	286T	M1228T	6,149	DP2	23.81	330	460	24	1, 10

(a) See notes on inside back flap.

Pressure washer, single phase, TEFC and ODP

1 1/2 thru 5 Hp

ODP
IP22

TEFC
IP54

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders



Features:

- Manual thermal overload
- Capacitor start, capacitor run
- 1 1/2 horsepower designs rated at 14 amps or less on 115 volts
- UL and CSA recognized component approval

Applications:

- Pressure washers
- Steam cleaners

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Totally enclosed fan cooled											
2	3600	56	PL3515M	806	DPS	13.23	42	77	115/230	8.8	1
	1800	56HZ	L3516TM	1,096	DPS	13.31	46	82.5	208-230	8.1	1, 57
3	3600	56	PL3519M	884	DPS	14.12	50	78	230	12.5	30
	1800	184T	L3609TM	1,210	DPS	16.54	79	78	115/230	14.5	2, 20
5	3600	184T	L3608TM	1,393	DPS	18.05	89	83	230	19.5	2, 20
	1800	184T	L3612TM	1,406	DPS	18.05	100	80	230	23	2, 20
Totally enclosed fan cooled, C-Face											
1 1/2	3600	56C	PCL3513M	713	DPS	13.25	38	75.5	115/230	6.6	
	1800	56C	PCL3514M	930	DPS	14.12	54	82.5	115/230	6	1
2	3600	56C	PCL3515M	846	DPS	13.24	43	77	115/230	8.8	1
	1800	145TC	CL3516TM	1,105	DPS	14.16	53	82.5	208-230	7.9	1
3	3600	56C	PCL3519M	927	DPS	14.12	52	78	230	12.5	30
	1800	184TC	CL3619TM	1,437	DPS	16.54	81	81.5	230	13.2	2, 20
5	3600	184TC	CL3608TM	1,557	DPS	18.05	92	83	230	19.5	2, 20
	1800	184TC	CL3612TM	1,506	DPS	18.05	102	80	230	23	2, 20
Open drip proof											
3	1800	184T	L1408TM	1,006	DPS	15.00	74	78	115/230	16	
5	3600	56/56H	PL1327M	859	DPS	13.81	56	74.2	230	23	2, 20, 30, 36, 98
	1800	184T	L1410TM	1,224	DPS	16.50	85	82.5	230	23	30
Open drip proof, C-Face											
2	1800	56C	EPCL1322M	983	DPS	14.32	66	84.5	115/230	8.2	1, 96
3	1800	184TC	CL1408TM	1,063	DPS	15.00	80	78	115/230	16	
5	3600	56HCY	PCL1327M	905	DPS	14.11	57	74.2	230	23	2, 20, 30, 36, 47, 98
	1800	184TC	CL1410TM	1,281	DPS	16.50	88	82.5	230	23	30

(a) See notes on inside back flap.

U-frame, three phase, TEFC

3/4 thru 20 Hp

IP54



Features:

- Fan cooled
- High performance ball bearings
- Heavy-gauge steel and cast-iron frames
- Exxon Polyrex™ EM grease
- U-Frame mounting dimensions

Applications:

- Pumps
- Compressors
- Fans
- Conveyors
- Machine tools

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Totally enclosed foot mounted											
3/4	900	184	M3602	1,284	DPL	14.64	51	72	230/460	1.6	1, 30
1	1800	182	EM3603	1,086	DPL	13.76	38	85.5	230/460	1.5	1, 30
	1200	184	EM3604	1,384	DPL	13.76	41	82.5	230/460	1.8	1, 30
1 1/2	1800	184	EM3606	1,106	DPL	13.76	41	86.5	230/460	2.2	1, 30
	1200	184	EM3607	1,479	DPL	15.69	72	87.5	230/460	2.4	1, 30
2	1800	184	EM3609	1,167	DPL	13.76	45	86.5	230/460	2.9	1, 30
	1200	213	EM3712	1,671	DPL	18.17	97	88.5	230/460	3.5	1, 30
	900	215	EM3702	2,603	DPL	18.63	111	85.5	230/460	3.5	1, 30
3	3600	184	EM3610	1,168	DPL	14.64	50	86.5	230/460	3.6	1, 30
	1800	182	EM3611	1,215	DPL	15.69	70	89.5	230/460	4.2	1, 30
		213	EM3703	1,429	DPL	18.17	70	89.5	230/460	4.2	1, 30
	1200	215	EM3704	1,758	DPL	18.63	132	89.5	230/460	4.6	1, 30
5	3600	213	EM3706	1,987	DPL	18.17	74	88.5	230/460	5.9	1
	1800	215	EM3707	1,800	DPL	18.17	93	89.5	230/460	6.7	1, 30
	1200	254U	EM2275	3,664	DPL	20.82	226	90.2	230/460	7.3	1, 30
	3600	215	EM3709	2,004	DPL	18.17	96	89.5	230/460	8.4	1, 30
7 1/2	1800	254U	EM2237	3,120	DPL	23.03	254	91.7	230/460	9.4	1, 30
	1200	256U	EM2276	4,405	DPL	23.03	295	91	230/460	10.7	1, 30
10	1800	256U	EM2238	3,910	DPL	23.03	252	91.7	230/460	13	1, 30
15	1800	284U	EM2333	5,382	DPL	26.34	315	92.4	230/460	18.1	1, 30
20	1800	286U	EM2334	6,441	DPL	26.34	318	93	230/460	24	1, 30
Totally enclosed, C-Face, footless											
2	1800	184C	VEM3609	1,444	DPL	13.31	45	86.5	230/460	2.9	1, 30
	1200	184C	VEM3614	1,632	DPL	17.18	97	88.5	230/460	3.5	1, 30
3	1800	184C	VEM3611	1,493	DPL	15.68	70	89.5	230/460	4.2	1, 30
5	3600	184C	VEM3613	1,341	DPL	15.68	74	88.5	230/460	5.9	1
	1800	184C	VEM3615	1,704	DPL	17.18	93	89.5	230/460	6.7	1, 30

(a) See notes on inside back flap.

■ Cast iron frame

U-frame, single phase

1 thru 3 Hp

IP54



Features:

- Ball bearings
- Heavy-gauge steel and cast-iron frames
- Exxon Polyrex™ EM grease
- U-Frame mounting dimensions

Applications:

- Pumps
- Compressors
- Fans
- Conveyors
- Machine tools

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Totally enclosed, foot mounted											
1	1200	184	L3607	1,886	DPL	15.69	74	67	115/230	7	1, 3
2	1800	184	L3605	1,440	DPL	15.69	67	75.5	115/230	11.5	1, 3, 30
	1200	215	L3703	3,114	DPL	17.51	113	80	115/230	9.4	2, 30, 65
3	1800	215	L3705	2,455	DPL	17.51	117	80	115/230	14	1, 30, 65
Totally enclosed, C-Face, footless											
2	1800	184C	VL3605	1,553	DPL	15.68	64	75.5	115/230	11.5	1, 3, 30

(a) See notes on inside back flap.

Automotive duty, three phase, TEFC, foot mounted

1 thru 60 Hp

IP55



Features:

- Heavy duty cast iron frames
- Double shielded ball bearings (regreaseable)
- Shaft slinger ODE and DE
- Epoxy paint
- 65°C ambient 1.00 SF
- 40°C ambient 1.15 SF

Applications:

- Pumps
- Compressors
- Fans
- Conveyors
- Machine tools

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	1800	182	AEM3683-4	1,433	DPL	13.18	89	85.5	460	1.6	60
1 1/2	1800	184	AEM3686-4	1,539	DPL	14.74	91	87.5	460	2.1	
2	1800	184	AEM3689-4	1,639	DPL	14.74	91	88.5	460	2.7	
3	1800	213	AEM3783-4	1,891	DPL	18.07	155	89.5	460	3.9	
5	1800	215	AEM3787-4	2,476	DPL	18.07	166	90.2	460	6.7	
7 1/2	1800	254U	AEM2237-4	3,322	DPL	23.11	270	91.7	460	9.1	
10	1800	256U	AEM2238-4	4,017	DPL	23.11	270	91.7	460	12.2	
15	1800	284U	AEM2333-4	5,581	DPL	26.33	268	92.4	460	17.6	
20	1800	286U	AEM2334-4	6,728	DPL	27.81	420	93	460	23	
25	1800	324U	AEM4103-4	8,576	DPL	30.56	437	93.6	460	30	
30	1800	326U	AEM4104-4	9,689	DPL	30.66	469	93.6	460	35	
40	1800	364U	AEM4307-4	11,513	DPL	33.94	874	94.5	460	45	
50	1800	365U	AEM4311-4	13,865	DPL	33.94	915	94.5	460	56	
60	1800	405U	AEM4314-4	16,941	DPL	38.08	1326	95	460	66.6	

(a) See notes on inside back flap.

■ Cast iron frame

For more information visit baldor.com or new.abb.com/motors-generators

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

Definite purpose

Synchronous permanent magnet, three phase, TEFC, foot mounted

1 thru 3 Hp

IP54



- Features:
- Permanent magnets in rotor
 - Zero slip, line start capable
 - Max safe speed 6000 RPM
 - Inverter ready
 - 10:1 CT speed range
- Applications:
- Inherent, precise, open-loop speed regulation

IEC Frame

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	1800	145TC	CSPM3546T	3,299	DPP	13.29	37	89.5	230/460	1.2	
2	1800	145TC	CSPM3558T	3,735	DPP	14.17	55	87.5	230/460	2.5	
3	1800	182TC	CSPM3611T	4,457	DPP	16.56	70	89.5	230/460	4	

(a) See notes on inside back flap.

Single and three phase, C-Face, TEFC

1/2 thru 7 1/2 Hp

IP54



Features:

- Low profile F-3 Conduit box, most designs
- Multiple base mounting configurations
- Color coded and numbered leads for ease of connectivity
- Inverter ready
- Laser etched nameplate with highly legible font
- Super-E® motors have NEMA Premium® efficiency
- 3 year warranty on Premium efficient motors

Applications:

- Conveyors
- Unit handling
- Baggage handling
- Packaging equipment
- Door operators
- Elevators
- Hoists

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Single phase, foot mounted											
1/2	1800	56C	CUHL3518	490	UH1	12.22	37	68	115/208-230	3.5	
1	1800	56C	CUHL3519	597	UH1	13.22	44	67	115/208-230	6.4	
Single phase, footless											
1/2	1800	56C	VUHL3518	464	UH1	12.22	35	68	115/208-230	3.5	
1	1800	56C	VUHL3519	571	UH1	13.22	40	67	115/208-230	6.4	
Three phase, foot mounted											
1/2	1800	56C	CUHM3538	420	UH3	12.23	27	72	230/460	1.1	1, 48
3/4	1800	56C	CUHM3542	444	UH3	12.23	31	77	230/460	1.2	1, 48
1	1800	56C	CEUHM3546	672	UH3	12.23	38	85.5	230/460	1.5	1, 48
		143TCY	CEUHM3546T	681	UH3	13.29	39	85.5	230/460	1.5	1, 37, 48
1 1/2	1800	56C	CEUHM3554	710	UH3	13.23	41	86.5	230/460	2.2	1, 48
		145TCY	CEUHM3554T	719	UH3	13.29	45	86.5	230/460	2.2	1, 37, 48
2	1800	56C	CEUHM3558	784	UH3	13.23	45	86.5	230/460	2.9	1, 48
		145TCY	CEUHM3558T	792	UH3	13.29	50	86.5	230/460	2.9	1, 37, 48
3	1800	182TC	CEUHM3611T	926	UH3	16.55	73	89.5	230/460	4.2	1, 48
5	1800	184TC	CEUHM3615T	1,017	UH3	18.05	94	89.5	230/460	6.7	1, 48
Three phase, footless											
1/2	1800	56C	VEUHM3538	607	UH3	13.23	33	82.5	208-230/460	0.8	1, 48
		56C	VUHM3538	414	UH3	13.23	30	72	230/460	1.1	1, 48
3/4	1800	56C	VEUHM3542	645	UH3	13.23	35	84	208-230/460	1.1	1, 48
		56C	VUHM3542	439	UH3	13.23	35	77	230/460	1.2	1, 48
1	1800	56C	VEUHM3546	664	UH3	13.23	38	85.5	230/460	1.5	1, 48
		143TC	VEUHM3546T	676	UH3	13.29	38	85.5	230/460	1.5	1, 48
1 1/2	1800	56C	VEUHM3554	845	UH3	13.23	41	86.5	230/460	2.2	1, 48
		145TC	VEUHM3554T	706	UH3	13.29	43	86.5	230/460	2.2	1, 48
2	1800	56C	VEUHM3558	891	UH3	13.23	45	86.5	230/460	2.9	1, 48
		145TC	VEUHM3558T	784	UH3	13.29	48	86.5	230/460	2.9	1, 48
3	1800	182TC	VEUHM3611T	891	UH3	16.55	73	89.5	230/460	4.2	1, 48
5	1800	184TC	VEUHM3615T	980	UH3	18.05	88	89.5	230/460	6.7	1, 48
7 1/2	1800	213TC	VEUHM3710T	1,445	UH3	19.76	151	91.7	230/460	9.5	1, 48
Three phase, footless, 575 volts											
1/2	1800	56C	VUHM3538-5	414	UH3	13.23	33	82.5	575	0.6	1, 48
3/4	1800	56C	VUHM3542-5	439	UH3	13.23	34	75.5	575	0.9	1, 48
1	1800	56C	VEUHM3546-5	664	UH3	13.23	38	85.5	575	1.2	1, 48
		143TC	VEUHM3546T-5	676	UH3	13.29	38	85.5	575	1.2	1, 48
1 1/2	1800	145TC	VEUHM3554T-5	706	UH3	13.29	44	86.5	575	1.8	1, 48
2	1800	145TC	VEUHM3558T-5	784	UH3	13.29	48	86.5	575	2.3	1, 48

(a) See notes on inside back flap.

High cycle brake motor, three phase

1/2 thru 3 Hp

IP54



Features:

- Cast aluminum frame design engineered for increased thermal dissipation
- Low inertia, high efficient motor
- Fast action DC brake with integral rectifier

Applications:

- Frequent start and stop applications
- Conveyors
- Unit handling
- Baggage handling
- Packaging equipment
- Door operators
- Hoists

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating (b)	Notes (a)
C-Face, footless													
1/2	1800	56C	TENV	VRBM3538	1,550	UH3	13.62	35	75.5	208-230/460	0.9	3	1
3/4	1800	56C	TENV	VRBM3542	1,815	UH3	14.50	47	75	208-230/460	1.3	6	
1	1800	56C	TENV	VRBM3546	2,091	UH3	15.50	47	74	230/460	1.6	6	
		143TC	TENV	VRBM3546T	2,236	UH3	15.57	46	74	230/460	1.6	6	
1 1/2	1800	145TC	TEFC	VRBM3554T	2,275	UH3	16.31	63	82.5	230/460	2.3	10	1
2	1800	145TC	TEFC	VRBM3558T	2,338	UH3	17.68	69	84	230/460	2.9	10	1
3	1800	145TC	TEFC	VRBM3561T	2,407	UH3	17.68	76	85.5	230/460	4.4	15	

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft.

D-series brake motor, three phase, totally enclosed

1/2 thru 10 Hp

IP54



Features:

- Low profile F-3 Conduit box, most designs
- Fast action DC brake with integral rectifier
- Manual release lever
- Suitable for mounting in any configuration
- Inverter ready
- Super-E® motors have NEMA Premium® efficiency

Applications:

- Conveyors
- Unit handling
- Baggage handling
- Packaging equipment
- Door operators
- Elevators
- Hoists

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating (b)	Notes (a)
Foot mounted													
1/2	1800	56	TENV	BNM3538-D	954	UH3	14.96	43	80	208-230/460	0.8	3	1, 48
3/4	1800	56	TENV	BNM3542-D	1,297	UH3	14.96	47	78.5	208-230/460	1.4	6	1, 48
1	1800	56	TENV	EBNM3546-D	1,456	UH3	15.96	51	85.5	230/460	1.5	6	1, 10, 48
		145TY	TENV	EBNM3546T-D	1,456	UH3	16.02	51	85.5	230/460	1.5	6	1, 10, 48
1 1/2	1800	145TY	TENV	EBNM3554T-D	1,573	UH3	16.90	62	86.5	230/460	2.1	10	10, 48
2	1800	145TY	TEFC	EBM3558T-D	1,680	UH3	17.35	61	86.5	230/460	2.9	10	1, 48
3	1800	182T	TEFC	EBM3611T-D	2,176	UH3	21.64	104	89.5	230/460	4.1	15	1, 48
5	1800	184T	TEFC	EBM3615T-D	2,631	UH3	23.14	117	89.5	230/460	6.7	15	1, 48
7 1/2	1800	213T	TEFC	EBM3710T-D	3,538	UH3	25.42	170	91.7	230/460	9.5	25	1, 48
10	1800	215T	TEFC	EBM3714T-D	4,354	UH3	26.92	165	91.7	230/460	12	35	1, 48
C-Face, foot mounted													
2	1800	145TCY	TEFC	CEBM3558T-D	1,775	UH3	17.35	61	86.5	230/460	2.9	10	1, 48
3	1800	182TC	TEFC	CEBM3611T-D	2,250	UH3	21.64	103	89.5	230/460	4.1	15	1, 48
5	1800	184TC	TEFC	CEBM3615T-D	2,608	UH3	23.14	121	89.5	230/460	6.7	25	1, 48
7 1/2	1800	213TC	TEFC	CEBM3710T-D	3,678	UH3	26.17	141	91.7	230/460	9.5	25	1, 48
10	1800	215TC	TEFC	CEBM3714T-D	4,495	UH3	27.67	165	91.7	230/460	12	35	1, 48
C-Face, footless													
1/2	1800	56C	TEFC	VBM3538-D	1,242	UH3	16.29	46	72	208-230/460	1.1	3	1, 48
		56C	TENV	VBNM3538-D	1,270	UH3	15.96	44	80	208-230/460-480	0.8	3	1, 48
		56C	TEFC	VBM3542-D	1,289	UH3	16.29	52	78.5	208-230/460	1.4	6	1, 48
3/4	1800	56C	TEFC	VEBM3542-D	1,415	UH3	16.29	50	84	208-230/460	1.1	6	1, 48
		56C	TENV	VBNM3542-D	1,319	UH3	15.96	48	78.5	208-230/460	1.4	6	1, 48
		56C	TENV	VEBM3546-D	1,485	UH3	15.96	51	85.5	230/460	1.5	6	48
1	1800	56C	TEFC	VEBM3546-D	1,472	UH3	16.29	54	85.5	230/460	1.5	6	1, 48
		143TC	TEFC	VEBM3546T-D	1,581	UH3	16.35	51	85.5	230/460	1.5	6	1, 48
		56C	TEFC	VEBM3554-D	1,533	UH3	17.29	58	86.5	230/460	2.2	10	1, 48
1 1/2	1800	145TC	TENV	VEBNM3554T-D	1,612	UH3	16.90	62	86.5	230/460	2.1	10	48
		145TC	TEFC	VEBM3554T-D	1,645	UH3	17.35	58	86.5	230/460	2.2	10	1, 48
2	1800	56C	TEFC	VEBM3558-D	1,671	UH3	17.29	57	86.5	230/460	2.9	10	1, 48
		145TC	TEFC	VEBM3558T-D	1,680	UH3	17.35	62	86.5	230/460	2.9	10	1, 48
3	1800	182TC	TEFC	VEBM3611T-D	2,218	UH3	21.64	101	89.5	230/460	4.2	15	1, 48
5	1800	184TC	TEFC	VEBM3615T-D	2,674	UH3	23.14	117	89.5	230/460	6.7	15	1, 48
7 1/2	1800	213TC	TEFC	VEBM3710T-D	3,641	UH3	26.17	151	91.7	230/460	9.5	25	1, 48
10	1800	215TC	TEFC	VEBM3714T-D	4,222	UH3	27.67	177	92	230/460	12	35	1, 48
C-Face, footless, 575 volts													
1	1800	143TC	TEFC	VEBM3546T-5D	1,581	UH3	16.35	52	85.5	575	1.2	6	1, 48
1 1/2	1800	145TC	TEFC	VEBM3554T-5D	1,645	UH3	17.35	55	86.5	575	1.8	10	1, 48
2	1800	145TC	TEFC	VEBM3558T-5D	1,680	UH3	17.35	62	86.5	575	2.3	10	1, 48
3	1800	182TC	TEFC	VEBM3611T-5D	2,218	UH3	21.64	101	89.5	575	3.1	15	1, 48
5	1800	184TC	TEFC	VEBM3615T-5D	2,674	UH3	23.14	117	89.5	575	5.2	15	1, 48

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft.

Short series brake motor, three phase, TEFC

1/2 thru 5 Hp

IP54



Features:

- Low profile F-3 Conduit box, most designs
- Compact design
- Fast action DC brake with integral rectifier
- Suitable for mounting in any configuration
- Inverter ready
- Super-E® motors have NEMA Premium® efficiency

Applications:

- Conveyors
- Unit handling
- Baggage handling
- Packaging equipment
- Door operators
- Elevators
- Hoists

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating (b)	Notes (a)
Foot mounted												
1	1800	56	EBM3546-S	1,334	UH3	14.37	51	85.5	230/460	1.5	6	1, 10, 48
		143TY	EBM3546T-S	1,344	UH3	15.43	51	85.5	230/460	1.5	6	1, 10, 48
1 1/2	1800	145TY	EBM3554T-S	1,458	UH3	15.43	54	86.5	230/460	2.2	10	1, 10, 48
2	1800	145TY	EBM3558T-S	1,506	UH3	15.43	58	86.6	230/460	2.9	10	1, 48
3	1800	182T	EBM3611T-S	1,776	UH3	19.05	83	89.5	230/460	4.2	15	1, 48
5	1800	184T	EBM3615T-S	2,078	UH3	20.55	106	89.5	230/460	6.7	25	1, 48
C-Face, footless												
1/2	1800	56C	VBM3538-S	1,179	UH3	14.37	41	72	208-230/460	1.1	3	1, 48
3/4	1800	56C	VBM3542-S	1,226	UH3	14.37	47	78.5	208-230/460	1.4	3	1, 48
1	1800	56C	VEBM3546-S	1,372	UH3	14.37	51	85.5	230/460	1.5	6	1, 48
		143TC	VEBM3546T-S	1,383	UH3	14.43	51	85.5	230/460	1.5	6	1, 48
1 1/2	1800	56C	VEBM3554-S	1,487	UH3	15.37	54	86.5	230/460	2.2	10	1, 48
		145TC	VEBM3554T-S	1,497	UH3	15.43	54	86.5	230/460	2.2	10	1, 10, 48
2	1800	56C	VEBM3558-S	1,535	UH3	15.37	58	86.5	230/460	2.9	10	1, 48
		145TC	VEBM3558T-S	1,545	UH3	15.43	58	86.5	230/460	2.9	10	1, 48
3	1800	182TC	VEBM3611T-S	1,850	UH3	19.05	83	89.5	230/460	4.2	15	1, 48
5	1800	184TC	VEBM3615T-S	2,152	UH3	20.55	106	89.5	230/460	6.7	25	1, 48
C-Face, footless, 575 volts												
1/2	1800	56C	VBM3538-5S	1,179	UH3	14.37	42	72	575	0.8	3	1, 48
1	1800	56C	VEBM3546-5S	1,372	UH3	14.37	51	85.5	575	1.2	6	1, 48
1 1/2	1800	145TC	VEBM3554T-5S	1,497	UH3	15.43	54	86.5	575	1.8	10	1, 10, 48

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft.

Single and three phase, TEFC

1/4 thru 30 Hp

IP44*



Features:

- Manual release
- Spring-set brake
- Vibration damping base
- Super-E® motors have NEMA Premium® efficiency
- Three phase motors suitable for inverter use per NEMA MG1 Part 31.4.4.2 unless note 38 is indicated

Applications:

- Conveyors
- Unit handling
- Machine tools
- Door operators
- Speed reducers
- Packaging equipment
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating (b)	Notes (a)
Single phase, foot mounted												
1/4	1800	56	BL3516	940	BE1	14.36	27	59.5	115/230	2.1	3	2, 30, 41, 60
1/3	1800	56	BL3517	991	BE1	15.46	27	60	115/230	3	3	30, 41
1/2	1800	56	BL3518	1,075	BE1	16.08	32	68	115/230	3.7	3	30, 41
Single phase, footless												
1/3	1800	56C	KBL3406	1,041	BE1	15.45	27	60	115/230	3	3	30, 41
1/2	1800	56C	KBL3409	1,142	BE1	16.07	32	68	115/230	3.7	3	30, 41
3/4	1800	56C	VBL3507	1,483	BE1	16.82	40	72	115/230	4.2	6	30, 41
1	1800	56C	VBL3510	1,571	BE1	17.80	49	76.5	115/230	4.5	6	30, 41
		143TC	VBL3510T	1,571	BE1	17.86	49	76.5	115/230	4.5	6	30, 41
Foot mounted												
1/3	1800	56	BM3569	914	BE3	14.36	27	70	208-230/460	0.7	3	2, 38, 41, 60
1/2	1800	56	BM3538	993	BE3	14.98	31	75.5	208-230/460	0.9	3	2, 38, 41, 60
	1200	56	BM3539	1,368	BE3	16.45	35	72	230/460	1.2	6	30, 38, 41
3/4	1800	56	BM3542	1,162	BE3	16.45	31	75.5	208-230/460	1.5	6	38, 41
	1200	56	BM3543	1,436	BE3	17.45	39	77	208-230/460	1.5	6	38, 41
1	1800	56	EBM3546	1,575	BE3	16.80	44	85.5	230/460	1.5	6	30, 41
		143T	EBM3546T	1,607	BE3	17.86	46	85.5	230/460	1.5	6	30, 41
1 1/2	1800	145T	EBM3554T	1,809	BE3	17.86	52	86.5	230/460	2.2	10	30, 41
2	1800	145T	EBM3558T	1,899	BE3	17.86	57	86.5	230/460	2.9	10	30, 41
3	1800	182T	EBM3611T	2,395	BE3	21.12	89	89.5	230/460	4.2	15	30, 41
5	1800	184T	EBM3615T	2,904	BE3	22.65	106	89.5	230/460	6.7	25	30, 42
7 1/2	1800	213T	EBM3710T	3,830	BE3	27.20	158	91.7	230/460	9.4	35	30, 40
10	1800	215T	EBM3714T	4,814	BE3	29.19	165	91.7	230/460	12	50	30, 40
15	1800	254T	EBM2333T	6,810	BE3	33.07	337	92.4	230/460	18.1	75	30
20	1800	256T	EBM2334T	8,836	BE3	33.57	398	93	230/460	24	105	30
25	1800	284T	EBM4103T	11,162	BE3	39.66	516	93.6	230/460	30	105	30
30	1800	284T	EBM4104T	12,587	BE3	42.84	667	93.6	230/460	37	125	30
C-Face, foot mounted												
1	1800	143TC	CEBM3546T	1,571	BE3	17.86	43	85.5	230/460	1.7	6	41
1 1/2	1800	145TC	CEBM3554T	1,692	BE3	17.86	48	86.5	230/460	2.2	10	41
2	1800	145TC	CEBM3558T	1,740	BE3	17.86	52	86.5	230/460	2.9	10	41
3	1800	182TC	CEBM3611T	1,945	BE3	21.11	77	89.5	230/460	4.2	15	1, 41
5	1800	184TC	CEBM3615T	2,279	BE3	23.06	101	89.5	230/460	6.7	25	1, 42
7 1/2	1800	213TC	CEBM3710T	4,179	BE3	27.95	149	91.7	230/460	9.4	35	1, 40
10	1800	215TC	CEBM3714T	4,557	BE3	29.95	183	91.7	230/460	12	50	1, 42

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft.

■ Cast iron frame

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

Single and three phase, TEFC

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating (b)	Notes (a)
Footless												
1/4	1800	56C	KBM3454	858	BE3	14.36	26	68	208-230/460	0.5	3	2, 38, 41, 60
1/3	1800	56C	KBM3458	912	BE3	14.36	23	70	208-230/460	0.7	3	2, 38, 41, 60
1/2	1800	56C	VEBNM3538	1,434	BE3	15.26	37	84	230/460	0.9	3	41, 60
		56C	VBM3538	1,016	BE3	14.98	30	75.5	208-230/460	0.9	3	2, 38, 41, 60
3/4	1800	56C	VEBNM3542	1,612	BE3	15.26	53	84	208-230/460	1.1	6	41, 60
		56C	VBM3542	1,190	BE3	15.86	35	75	208-230/460	1.3	6	2, 38, 41, 60
1	1800	56C	VEBM3546	1,370	BE3	16.80	45	85.5	230/460	1.5	6	1, 30, 41
		143TC	VEBM3546T	1,571	BE3	16.86	45	85.5	230/460	1.5	6	1, 30, 41
1 1/2	1800	56C	VEBM3554	1,645	BE3	17.80	53	86.5	230/460	2.2	6	1, 30, 41
		145TC	VEBM3554T	1,692	BE3	17.86	52	86.5	230/460	2.2	10	1, 30, 41
2	1800	56C	VEBM3558	1,694	BE3	17.80	56	86.5	230/460	2.9	6	1, 30, 41
		145TC	VEBM3558T	1,740	BE3	17.86	57	86.5	230/460	2.9	10	1, 30, 41
3	1800	182TC	VEBM3611T	1,945	BE3	21.11	82	89.5	230/460	4.2	15	1, 30, 41
5	1800	184TC	VEBM3615T	2,279	BE3	23.06	99	89.5	230/460	6.7	25	1, 30, 42
7 1/2	1800	213TC	VEBM3710T	4,179	BE3	27.89	172	91.7	230/460	9.4	35	1, 30, 40
10	1800	215TC	VEBM3714T	4,557	BE3	29.89	165	91.7	230/460	12	50	1, 30, 42
575 volts												
3/4	1800	56C	VBM3542-5	1,190	BE3	15.26	40	80	575	1.9	6	2, 41, 60
1	1800	143TC	VEBM3546T-5	1,571	BE3	16.86	44	85.5	575	1.2	6	1, 41
1 1/2	1800	143TC	VEBM3554T-5	1,692	BE3	17.87	52	86.5	575	1.8	10	1, 42
2	1800	145TC	VEBM3558T-5	1,740	BE3	17.87	57	86.5	575	2.3	10	1, 42
3	1800	182TC	VEBM3611T-5	1,945	BE3	21.11	82	89.5	575	3.1	15	1, 42

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft. Brakes cannot be operated on variable frequency drives.

Cast iron frame

Red catalog number indicates **NEW** product.

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

Single and three phase, TEFC, C-Face, fan on drive end 3/4 thru 30 Hp

IP44*



Features:

- Manual release
- Spring-set brake
- Fan on DE
- Easily accessible brake leads
- Vibration damping base
- Super-E® motors have NEMA Premium® efficiency
- Three phase motors suitable for inverter use per NEMA MG1 Part 31.4.4.2

Applications:

- Conveyors
- Unit handling
- Machine tools
- Door operators
- Speed reducers
- Packaging equipment
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating (b)	Notes (a)
Single phase												
3/4	1800	56Y	BL3507	1,455	BE1	16.71	42	72	115/230	4.2	6	30, 41
1	1800	56Y	BL3510	1,540	BE1	17.11	52	68	115/230	6.4	6	30, 41
Three phase												
1	1800	182Y	EBM3603Y	1,733	BE3	17.49	44	85.5	230/460	1.5	6	30, 41
	1200	145TY	EBM3556TY	1,679	BE3	17.49	48	82.5	230/460	1.8	10	30, 41
1 1/2	1800	56Y	EBM3554Y	1,653	BE3	17.11	48	86.5	230/460	2.2	10	30, 41
		145TY	EBM3554TY	1,653	BE3	17.49	48	86.5	230/460	2.2	10	30, 41
	1800	184Y	EBM3606Y	1,843	BE3	17.49	48	86.5	230/460	2.2	10	30, 41
		56Y	EBM3558Y	1,701	BE3	17.11	52	86.5	230/460	2.9	10	30, 41
2	1800	145TY	EBM3558TY	1,701	BE3	17.49	52	86.5	230/460	2.9	10	30, 41
		184Y	EBM3609Y	1,896	BE3	17.49	52	86.5	230/460	2.9	10	30, 41
	1200	184TY	EBM3614TY	2,022	BE3	22.12	104	88.5	230/460	3.5	15	30, 41
		182TY	EBM3611TY	1,871	BE3	20.62	77	89.5	230/460	4.2	15	1, 30, 41
3	1800	213Y	EBM3703Y	2,946	BE3	22.42	77	89.5	230/460	4.2	15	1, 30, 41
		213TY	EBM3704TY	4,060	BE3	27.01	154	89.5	230/460	4.6	35	1, 30, 40
	1200	184TY	EBM3615TY	2,205	BE3	22.12	101	89.5	230/460	6.7	25	1, 30, 40
		184TY	EBM3635TY	1,901	BE3	22.12	100	89.5	230/460	6.7	15	1, 30, 41
5	1800	215Y	EBM3707Y	3,539	BE3	22.87	100	89.5	230/460	6.9	25	1, 30, 40
		213TY	EBM3710TY	4,036	BE3	27.01	149	91.7	230/460	9.4	35	1, 30, 40
	1800	213TY	EBM3730TY	3,341	BE3	27.01	146	91.7	230/460	9.4	25	1, 30, 40
		215TY	EBM3714TY	4,414	BE3	29.01	183	91.7	230/460	12	50	1, 30, 42
10	1800	215TY	EBM3734TY	4,212	BE3	28.51	187	91.7	230/460	12	35	1, 30, 40
		254TY	EBM2353TY	6,211	BE3	32.71	286	92.4	230/460	18.1	50	1, 30
20	1800	256TY	EBM2334TY	8,836	BE3	32.28	263	93	230/460	24	105	1, 30
		256TY	EBM2354TY	7,906	BE3	32.71	328	93	230/460	24	75	1, 30
25	1800	284TY	EBM4103TY	11,162	BE3	35.83	448	93.6	230/460	30	105	1, 30
30	1800	286TY	EBM4104TY	12,495	BE3	39.13	565	93.6	230/460	38	125	1, 30

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft. Brakes cannot be operated on variable frequency drives.

■ Cast iron frame

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

Single and three phase, TEFC and open, Dings brake

3 thru 10 Hp

TEFC
IP43

Open
IP22



Features:

- Manual release
- Spring-set brake
- Fan on DE
- Easily accessible brake leads
- Vibration damping base
- Super-E® motors have NEMA Premium® efficiency
- Three phase motors suitable for inverter use per NEMA MG1 Part 31.4.4.2s

Applications:

- Conveyors
- Unit handling
- Machine tools
- Door operators
- Speed reducers
- Packaging equipment
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating (b)	Notes (a)
Single phase												
3	1200	213TY	EBM3704TY-DI	4,365	BE3	27.20	140	89.5	230/460	4.6	35	1, 30, 40
		184T	EBM3615T-DI	3,122	BE3	23.21	125	89.5	230/460	6.7	25	30, 42
5	1800	184TY	EBM3615TY-DI	2,371	BE3	22.84	125	89.5	230/460	6.7	25	1, 30, 40
		215Y	EBM3707Y-DI	3,805	BE3	22.84	127	89.5	230/460	6.9	25	1, 30, 40
7 1/2	1800	213TY	EBM3710TY-DI	4,339	BE3	27.20	157	91.7	230/460	9.4	35	1, 30, 40
		213TY	EBM3730TY-DI	3,592	BE3	27.20	157	91.7	230/460	9.4	25	1, 30, 40
10	1800	215TY	EBM3734TY-DI	4,528	BE3	27.20	195	91.7	230/460	12	35	1, 30, 40
		215TY	EBM3714TY-DI	4,746	BE3	28.70	195	91.7	230/460	12	50	1, 30, 42
Totally enclosed fan cooled, C-Face, foot mounted												
5	1800	184TC	CEBM3615T-DI	2,279	BE3	23.20	123	89.5	230/460	6.7	25	1, 42
Totally enclosed fan cooled, C-Face, footless												
5	1800	184TC	VEBM3615T-DI	2,279	BE3	23.22	125	89.5	230/460	6.7	25	1, 30, 42
Open, foot mounted												
5	1800	184T	EBM3218T-DI	2,652	B03	21.84	122	89.5	230/460	6.4	25	30, 42
Open, C-Face, footless												
5	1800	184TC	VEBM3218T-DI	2,300	B03	21.84	122	89.5	230/460	6.6	25	30, 42

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft. Brakes cannot be operated on variable frequency drives.

Three phase, ODP

1/2 thru 15 Hp

IP22



Features:

- Manual release
- Spring-set brake
- Vibration damping base
- Dynamically balanced rotor
- Super-E® motors have NEMA Premium® Efficiency
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2 unless note 38 is indicated

Applications:

- Conveyors
- Unit handling
- Machine tools
- Door operators
- Speed reducers
- Packaging equipment
- General purpose applications

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating (b)	Notes (a)
Foot mounted												
1/2	1800	56	BM3108	908	B03	14.14	27	74	230/460	1	3	30, 38, 41
3/4	1800	56	BM3112	1,057	B03	14.77	31	75.5	208-230/460	1.5	6	38, 41
1	1800	56	BM3116	1,185	B03	15.64	33	78.5	208-230/460	1.7	3	38, 41
		143T	EBM3116T	1,381	B03	16.37	49	87.5	208-230/460	1.5	6	41
1 1/2	1800	145T	EBM3154T	1,533	B03	16.37	48	86.5	230/460	2.2	10	30, 41
2	1800	145T	EBM3157T	1,749	B03	16.37	51	86.5	230/460	2.9	10	30, 41
3	1800	182T	EBM3211T	2,146	B03	19.57	83	89.5	230/460	4.2	15	30, 41
5	1800	184T	EBM3218T	2,652	B03	21.52	104	89.5	230/460	6.4	25	30, 42
		184T	EBM3248T	2,279	B03	21.06	104	89.5	230/460	6.4	15	30, 41
7 1/2	1800	213T	EBM3311T	3,333	B03	24.45	149	91	230/460	9.7	35	30, 40
10	1800	215T	EBM3313T	4,180	B03	26.08	159	91.7	230/460	12.5	50	30, 42
15	1800	254T	EBM2513T	5,537	B03	29.88	252	93	230/460	17.7	75	30, 42
C-Face, footless												
1/2	1800	56C	VBM3108	957	B03	14.36	28	74	230/460	1	3	30, 38, 41
3/4	1800	56C	VBM3112	1,112	B03	15.36	31	75.5	208-230/460	1.5	6	38, 41
1	1800	56C	VBM3116	1,211	B03	15.36	33	78.5	208-230/460	1.7	6	38, 41
		143TC	VEBM3116T	1,543	B03	15.32	44	85.5	230/460	1.5	6	30, 41
1 1/2	1800	56C	VBM3154	1,407	B03	15.26	44	80	208-230/460	2.5	10	41
		145TC	VEBM3154T	1,612	B03	15.37	44	86.5	230/460	2.2	10	30, 41
2	1800	145TC	VEBM3157T	1,667	B03	16.37	50	86.5	230/460	2.9	10	30, 41
3	1800	182TC	VEBM3211T	1,912	B03	19.57	81	89.5	230/460	4.2	15	30, 41
		184TC	VEBM3218T	2,300	B03	21.52	100	89.5	230/460	6.6	25	30, 42
5	1800	184TC	VBM3218T	2,691	B03	20.02	84	87.5	208-230/460	7.2	25	16, 42
		184TC	VEBM3248T	1,997	B03	21.07	99	89.5	230/460	6.6	15	30, 41

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft. Brakes cannot be operated on variable frequency drives.

Washdown, three phase, totally enclosed, C-Face, foot mounted

1/2 thru 5 Hp

IP55



Features:

- 300 series stainless steel hardware
- Neoprene gaskets
- Double sealed ball bearings
- Power off manual release brake with automatic reset
- Lip and V-Ring seal on DE
- NEMA Premium® efficiency
- White epoxy, corrosion resistant finish
- Stainless steel shaft extension
- Standard NEMA BA dimension

Applications:

- Food processing
- Wet environment
- Conveyors
- Packaging
- Pumps and wastewater

Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating (b)	Notes (a)
1/2	1800	56C	TENV	CEWDBM3538	2,086	WDW	15.31	42	84	208-230/460	0.9	3	1, 12, 41
3/4	1800	56C	TENV	CEWDBM3542	2,254	WDW	15.31	42	84	230/460	1.1	6	1, 12, 30, 41
1	1800	56C	TENV	CEWDBM3546	2,314	WDW	16.31	50	85.5	230/460	1.5	6	1, 30, 41
		143TC	TENV	CEWDBM3546T	2,338	WDW	16.81	51	85.5	230/460	1.5	6	1, 30, 41
1 1/2	1800	145TC	TENV	CEWDBM3554T	2,518	WDW	18.14	61	86.5	230/460	2.1	10	30, 41
2	1800	145TC	TEFC	CEWDBM3558T	2,562	WDW	18.56	60	86.5	230/460	2.9	10	1, 30, 41
3	1800	182TC	TEFC	CEWDBM3611T	3,100	WDW	21.80	93	89.5	230/460	4.2	15	1, 30, 41
5	1800	184TC	TEFC	CEWDBM3615T	3,745	WDW	23.30	110	89.5	230/460	6.7	25	1, 30, 42

(a) See notes on inside back flap.

(b) Brake torque rating in lb-ft.

Double C-Face motor brake kits

Coil voltage: 115/208-230



Features:

- Double C-Face coupler brakes
- Mounts on motors with C-Face
- Provides NEMA C-Face mounting on brake
- Spring set, electrically released

Brake Rating	Brake Mounting	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
3 ft-lb	56C	CBK003-1	670	SVC	12
6 ft-lb	56C	CBK006-1	986	SVC	12
6 ft-lb	145TC	CBK006-2	986	SVC	12
10 ft-lb	145TC	CBK010-1	1,150	SVC	12
15 ft-lb	145TC	CBK015-1	2,457	SVC	12

IEC Low Voltage Motors (< 1,000 VAC)

Wide product portfolio for any industry, any application

True IEC design and dimensions

- TEFC – M3AA/M3BP, frame 63 - 500 – cast aluminum up to 280, cast iron up to 500
– Power range – 0.09 to 1,500 kW (0.16 to **2,000 Hp**)
- Water Jacketed – M3LP, frame 280 - 500 – cast iron/fabricated steel
– Power range – 90 to 2,000 kW (120 to **2,600 Hp**)
- Square-laminate frame – HDP blower cooled or TEFC, frame 100 - 315
– Power range – 11 to 1,500 kW (15 to **2,000 Hp**)
- SynRM technology – M3BL, frame 160 - 315 – cast iron – IE5 efficiency on VFD
– Power range – 11 to 350 kW (15 to **470 Hp**)
- Permanent Magnet – M3BJ/M3LJ air-cooled or water-cooled, frame 280 - 560
– Power range – up to 2,500 kW (**3,300 Hp**)

NEMA dimensions

- TEFC – M3BN, frame 586/7/8 – cast iron
– 250 to **800 Hp**

Safe area motors

- Induction motors in aluminum and cast iron
- Synchronous reluctance motors
- Permanent magnet motors
- High speed motors
- Water cooled motors

Hazardous area motors

- Flameproof motors
- Flameproof mining motors
- Increased safety motors
- Non-sparking motors
- Dust ignition proof motors

Industry and special applications

- Marine, mining, food & beverage, water, HVAC
- Food safe stainless motors
- Brake motors
- High ambient motors
- Square-laminate frame variable speed motors
- Roller table motors
- Smoke extraction motors
- Smart sensor enabled motors



**We have more to offer than just the IEC motors shown in this stock catalog.
Contact your local sales office to discuss the full line of ABB custom IEC motors.**

NEW!

Process Performance IEC aluminum, three phase, 50/60 Hz, 400/460VY

0.12-55 kW (0.16-75 Hp)

IP55**Features:**

- Durable cast aluminum construction (extruded aluminum in frame sizes 200 and above)
- Cast iron end shield standard on frame sizes 160 and up
- IE3 efficiency per IEC 60034-30-1 (2014) (80 frame and above) All motors are compliant with DOE and NRCan
- Complies with EU MEPS/ EcoDesign Regulation (EU) 2019/1781 effective July 2021

- 6 post terminal block in large, F3 terminal box provides easier, lower cost installation
- Class F insulation with Class B temperature limits
- Inverter ready 2:1CT and 20:1VT
- Painting system C3M acc. to ISO 12944-5:2007
- (3) PTC thermistors, 150 °C standard on sizes 100-250
- IC411 enclosure (TEFC)

Applications:

- Pumps
- Compressors
- Fans
- Conveyors
- General machinery

kW // Hp*	RPM	IEC Frame	Catalog Number	ABB Product Code**	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Voltage	Notes (a)
IM B3 (1001), foot mounted											
0.18 // 0.24	1500/1800	63	MM06184-S-AP	3GAA062312-ASF	M3AA 63B 4	290	IPP	8.43	10	230D/400Y,50Hz; 460Y,60Hz	
0.25 // 0.33	1500/1800	71	MM07254-S-AP	3GAA072311-ASE	M3AA 71A 4	298	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
0.37 // 0.5	3000/3600	71	MM07372-S-AP	3GAA071311-ASE	M3AA 71A 2	311	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	71	MM07374-S-AP	3GAA072312-ASE	M3AA 71B 4	336	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
0.55 // 0.73	3000/3600	71	MM07552-S-AP	3GAA071312-ASE	M3AA 71B 2	344	IPP	9.45	13	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	MM08554-S-AP	3GAA082311-ASE	M3AA 80A 4	372	IPP	10.45	19	230D/400Y,50Hz; 460Y,60Hz	
0.75 // 1	3000/3600	80	EMM08752-S-AP	3GAA081320-ASK	M3AA 80MB 2	529	IPP	10.45	21	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	EMM08754-S-AP	3GAA082350-ASK	M3AA 80ME 4	550	IPP	11.56	30	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	90	EMM09756-S-AP	3GAA093540-ASK	M3AA 90LD 6	693	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	80	EMM08112-S-AP	3GAA081330-ASK	M3AA 80MC 2	575	IPP	10.45	23	230D/400Y,50Hz; 460Y,60Hz	
1.1 // 1.5	1500/1800	90	EMM09114-S-AP	3GAA092530-ASK	M3AA 90LC 4	627	IPP	17.01	77	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	100	EMM10116-S-AP	3GAA103550-ASK	M3AA 100LE 6	850	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
1.5 // 2	3000/3600	90	EMM09152-S-AP	3GAA091520-ASK	M3AA 90LB 2	686	IPP	13.05	37	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	EMM09154-S-AP	3GAA092540-ASK	M3AA 90LD 4	737	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	100	EMM10156-S-AP	3GAA103560-ASK	M3AA 100LF 6	973	IPP	17.01	77	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	90	EMM09222-S-AP	3GAA091530-ASK	M3AA 90LC 2	863	IPP	13.05	44	230D/400Y,50Hz; 460Y,60Hz	
2.2 // 3	1500/1800	100	EMM10224-S-AP	3GAA102550-ASK	M3AA 100LE 4	904	IPP	17.01	79	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	112	EMM11226-S-AP	3GAA113330-ASK	M3AA 112MC 6	1,223	IPP	16.97	95	230D/400Y,50Hz; 460Y,60Hz	
3 // 4	3000/3600	100	EMM10032-S-AP	3GAA101530-ASK	M3AA 100LC 2	1,022	IPP	17.01	62	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	EMM10034-S-AP	3GAA102560-ASK	M3AA 100LF 4	1,074	IPP	17.01	79	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMM13036-S-AP	3GAA133330-ASK	M3AA 132MC 6	1,354	IPP	19.17	145	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	112	EMM11042-S-AP	3GAA111320-ASK	M3AA 112MB 2	1,220	IPP	16.97	84	230D/400Y,50Hz; 460Y,60Hz	
4 // 5.3	1500/1800	112	EMM11044-S-AP	3GAA112320-ASK	M3AA 112MB 4	1,276	IPP	16.97	97	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMM13046-S-AP	3GAA133340-ASK	M3AA 132MD 6	1,686	IPP	19.17	148	230D/400Y,50Hz; 460Y,60Hz	
5.5 // 7.3	3000/3600	132	EMM13552-S-AP	3GAA131120-ASK	M3AA 132SB 2	1,416	IPP	19.17	128	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	132	EMM13554-S-AP	3GAA132320-ASK	M3AA 132MB 4	1,459	IPP	19.17	150	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMM13556-S-AP	3GAA133350-ASK	M3AA 132ME 6	2,084	IPP	19.17	139	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	132	EMM13752-S-AP	3GAA131130-ASK	M3AA 132SC 2	1,764	IPP	19.17	139	230D/400Y,50Hz; 460Y,60Hz	
7.5 // 10	1500/1800	132	EMM13754-S-AP	3GAA132330-ASK	M3AA 132MC 4	1,841	IPP	19.17	150	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	160	EMM16756-S-AP	3GAA163410-ASK	M3AA 160MLA 6	2,196	IPP	22.99	480	230D/400Y,50Hz; 460Y,60Hz	

(a) See notes on inside back flap. **Red** catalog number indicates **NEW** product

* Motors are stamped with kW only.

** Included variant codes are not shown in Product Code, please contact local sales office

Motors are suitable for use at 230VD, 60Hz

3 year warranty

NEW!For more information visit baldor.com or new.abb.com/motors-generators

NEW!**Process Performance IEC aluminum, three phase, 50/60 Hz, 400/460VY**

kW // Hp*	RPM	IEC Frame	Catalog Number	ABB Product Code**	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Voltage	Notes (a)
IM B3 (1001), foot mounted (continued)											
11 // 14.7	3000/3600	160	EMM16112-S-AP	3GAA161410-ASK	M3AA 160MLA 2	2,027	IPP	22.99	234	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	160	EMM16114-S-AP	3GAA162410-ASK	M3AA 160MLA 4	2,068	IPP	22.99	277	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	160	EMM16116-S-AP	3GAA163420-ASK	M3AA 160MLB 6	2,997	IPP	26.81	306	230D/400Y,50Hz; 460Y,60Hz	
15 // 20	3000/3600	160	EMM16152-S-AP	3GAA161420-ASK	M3AA 160MLB 2	2,631	IPP	22.99	271	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	160	EMM16154-S-AP	3GAA162420-ASK	M3AA 160MLB 4	2,676	IPP	26.81	308	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	180	EMM18156-S-AP	3GAA183410-ASK	M3AA 180MLA 6	3,728	IPP	28.58	385	230D/400Y,50Hz; 460Y,60Hz	
18.5 // 24.6	3000/3600	160	EMM16182-S-AP	3GAA161430-ASK	M3AA 160MLC 2	3,157	IPP	26.81	403	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	180	EMM18184-S-AP	3GAA182410-ASK	M3AA 180MLA 4	3,340	IPP	28.58	389	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	200	EMM20186-S-AP	3GAA203410-ASK	M3AA 200MLA 6	4,872	IPP	32.32	480	230D/400Y,50Hz; 460Y,60Hz	
22 // 29.3	3000/3600	180	EMM18222-S-AP	3GAA181410-ASK	M3AA 180MLA 2	3,911	IPP	28.58	387	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	180	EMM18224-S-AP	3GAA182420-ASK	M3AA 180MLB 4	3,637	IPP	28.58	387	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	200	EMM20226-S-AP	3GAA203420-ASK	M3AA 200MLB 6	5,238	IPP	32.32	539	230D/400Y,50Hz; 460Y,60Hz	
30 // 40	3000/3600	200	EMM20302-S-AP	3GAA201410-ASK	M3AA 200MLA 2	4,895	IPP	32.32	496	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	200	EMM20304-S-AP	3GAA202410-ASK	M3AA 200MLA 4	5,078	IPP	32.32	542	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	225	EMM22306-S-AP	3GAA223210-ASK	M3AA 225SMA 6	7,137	IPP	34.65	683	230D/400Y,50Hz; 460Y,60Hz	
37 // 49.3	3000/3600	200	EMM20372-S-AP	3GAA201420-ASK	M3AA 200MLB 2	6,451	IPP	32.32	531	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	225	EMM22374-S-AP	3GAA222210-ASK	M3AA 225SMA 4	6,199	IPP	34.65	694	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	250	EMM25376-S-AP	3GAA253210-ASK	M3AA 250SMA 6	9,378	IPP	34.80	809	230D/400Y,50Hz; 460Y,60Hz	
45 // 60	3000/3600	225	EMM22452-S-AP	3GAA221210-ASK	M3AA 225SMA 2	7,731	IPP	33.46	719	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	225	EMM22454-S-AP	3GAA222220-ASK	M3AA 225SMB 4	6,794	IPP	34.65	696	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	250	EMM25552-S-AP	3GAA251210-ASK	M3AA 250SMA 2	9,378	IPP	34.80	773	230D/400Y,50Hz; 460Y,60Hz	
55 // 73.3	1500/1800	250	EMM25554-S-AP	3GAA252210-ASK	M3AA 250SMA 4	9,035	IPP	34.80	828	230D/400Y,50Hz; 460Y,60Hz	
IM B5 (3001), flange mounted, footles											
0.12 // 0.16	1500/1800	63	MVM06124D-S-AP	3GAA062311-BSF	M3AA 63A 4	336	IPP	8.43	9	230D/400Y,50Hz; 460Y,60Hz	
0.18 // 0.25	3000/3600	63	MVM06182D-S-AP	3GAA061311-BSF	M3AA 63A 2	329	IPP	8.43	9	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	63	MVM06184D-S-AP	3GAA062312-BSF	M3AA 63B 4	339	IPP	8.43	10	230D/400Y,50Hz; 460Y,60Hz	
0.25 // 0.33	3000/3600	63	MVM06252D-S-AP	3GAA061312-BSF	M3AA 63B 2	334	IPP	8.43	10	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	71	MVM07254D-S-AP	3GAA072311-BSE	M3AA 71A 4	354	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
0.37 // 0.5	3000/3600	71	MVM07372D-S-AP	3GAA071311-BSE	M3AA 71A 2	365	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	71	MVM07374D-S-AP	3GAA072312-BSE	M3AA 71B 4	396	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
0.55 // 0.75	3000/3600	71	MVM07552D-S-AP	3GAA071312-BSE	M3AA 71B 2	403	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	MVM08554D-S-AP	3GAA082311-BSE	M3AA 80A 4	431	IPP	10.45	19	230D/400Y,50Hz; 460Y,60Hz	
0.75 // 1	3000/3600	80	EMVM08752D-S-AP	3GAA081320-BSK	M3AA 80MB 2	606	IPP	10.45	21	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	EMVM08754D-S-AP	3GAA082350-BSK	M3AA 80ME 4	616	IPP	11.56	30	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	90	EMVM09756D-S-AP	3GAA093540-BSK	M3AA 90LD 6	758	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
1.1 // 1.5	3000/3600	80	EMVM08112D-S-AP	3GAA081330-BSK	M3AA 80MC 2	650	IPP	10.45	23	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	100	EMVM10116D-S-AP	3GAA103550-BSK	M3AA 100LE 6	907	IPP	17.01	77	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	EMVM09114D-S-AP	3GAA092530-BSK	M3AA 90LC 4	706	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
1.5 // 2	3000/3600	90	EMVM09152D-S-AP	3GAA091520-BSK	M3AA 90LB 2	765	IPP	13.05	37	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	EMVM09154D-S-AP	3GAA092540-BSK	M3AA 90LD 4	845	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	100	EMVM10156D-S-AP	3GAA103560-BSK	M3AA 100LF 6	1,053	IPP	17.01	77	230D/400Y,50Hz; 460Y,60Hz	
2.2 // 3	3000/3600	90	EMVM09222D-S-AP	3GAA091530-BSK	M3AA 90LC 2	948	IPP	13.05	44	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	EMVM10224D-S-AP	3GAA102550-BSK	M3AA 100LE 4	1,004	IPP	17.01	79	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	112	EMVM11226D-S-AP	3GAA113330-BSK	M3AA 112MC 6	1,302	IPP	16.97	95	230D/400Y,50Hz; 460Y,60Hz	
3 // 4	3000/3600	100	EMVM10032D-S-AP	3GAA101530-BSK	M3AA 100LC 2	1,125	IPP	17.01	62	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	EMVM10034D-S-AP	3GAA102560-BSK	M3AA 100LF 4	1,197	IPP	17.01	79	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13036D-S-AP	3GAA133330-BSK	M3AA 132MC 6	1,636	IPP	19.17	145	230D/400Y,50Hz; 460Y,60Hz	
4 // 5.3	3000/3600	112	EMVM11042D-S-AP	3GAA111320-BSK	M3AA 112MB 2	1,346	IPP	16.97	84	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	112	EMVM11044D-S-AP	3GAA112320-BSK	M3AA 112MB 4	1,397	IPP	16.97	97	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13046D-S-AP	3GAA133340-BSK	M3AA 132MD 6	1,770	IPP	19.17	148	230D/400Y,50Hz; 460Y,60Hz	
5.5 // 7.3	3000/3600	132	EMVM13552D-S-AP	3GAA131120-BSK	M3AA 132SB 2	1,562	IPP	19.17	128	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	132	EMVM13554D-S-AP	3GAA132320-BSK	M3AA 132MB 4	1,592	IPP	19.17	150	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13556D-S-AP	3GAA133350-BSK	M3AA 132ME 6	2,152	IPP	19.17	139	230D/400Y,50Hz; 460Y,60Hz	
7.5 // 10	3000/3600	132	EMVM13752D-S-AP	3GAA131130-BSK	M3AA 132SC 2	1,896	IPP	19.17	139	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	132	EMVM13754D-S-AP	3GAA132330-BSK	M3AA 132MC 4	2,008	IPP	19.17	150	230D/400Y,50Hz; 460Y,60Hz	

(a) See notes on inside back flap. **Red** catalog number indicates **NEW** product

* Motors are stamped with kW only.

** Included variant codes are not shown in Product Code, please contact local sales office

Motors are suitable for use at 230VD, 60Hz

3 year warranty

NEW!For more information visit baldor.com or new.abb.com/motors-generators

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

NEW!**Process Performance IEC aluminum, three phase, 50/60 Hz, 400/460VY**

kW // Hp*	RPM	IEC Frame	Catalog Number	ABB Product Code**	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Voltage	Notes (a)
IM B14 (3601), face mounted, footless											
0.18 // 0.25	3000/3600	63	MVM06182C-S-AP	3GAA061311-CSF	M3AA 63A 2	329	IPP	8.43	9	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	63	MVM06184C-S-AP	3GAA062312-CSF	M3AA 63B 4	339	IPP	8.43	10	230D/400Y,50Hz; 460Y,60Hz	
0.25 // 0.33	3000/3600	63	MVM06252C-S-AP	3GAA061312-CSF	M3AA 63B 2	334	IPP	8.43	10	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	71	MVM07254C-S-AP	3GAA072311-CSE	M3AA 71A 4	354	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
0.37 // 0.5	3000/3600	71	MVM07372C-S-AP	3GAA071311-CSE	M3AA 71A 2	365	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	71	MVM07374C-S-AP	3GAA072312-CSE	M3AA 71B 4	396	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
0.55 // 0.75	3000/3600	71	MVM07552C-S-AP	3GAA071312-CSE	M3AA 71B 2	403	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	MVM08554C-S-AP	3GAA082311-CSE	M3AA 80A 4	431	IPP	10.45	19	230D/400Y,50Hz; 460Y,60Hz	
0.75 // 1	3000/3600	80	EMVM08752C-S-AP	3GAA081320-CSK	M3AA 80MB 2	606	IPP	10.45	21	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	EMVM08754C-S-AP	3GAA082350-CSK	M3AA 80ME 4	616	IPP	11.56	30	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	90	EMVM09756C-S-AP	3GAA093540-CSK	M3AA 90LD 6	758	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
1.1 // 1.5	3000/3600	80	EMVM08112C-S-AP	3GAA081330-CSK	M3AA 80MC 2	650	IPP	10.45	23	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	100	EMVM10116C-S-AP	3GAA103550-CSK	M3AA 100LE 6	907	IPP	17.01	77	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	EMVM09114C-S-AP	3GAA092530-CSK	M3AA 90LC 4	706	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
1.5 // 2	3000/3600	90	EMVM09152C-S-AP	3GAA091520-CSK	M3AA 90LB 2	765	IPP	13.05	37	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	EMVM09154C-S-AP	3GAA092540-CSK	M3AA 90LD 4	845	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	100	EMVM10156C-S-AP	3GAA103560-CSK	M3AA 100LF 6	1,053	IPP	17.01	77	230D/400Y,50Hz; 460Y,60Hz	
2.2 // 3	3000/3600	90	EMVM09222C-S-AP	3GAA091530-CSK	M3AA 90LC 2	948	IPP	13.05	44	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	EMVM10224C-S-AP	3GAA102550-CSK	M3AA 100LE 4	1,004	IPP	17.01	79	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	112	EMVM11226C-S-AP	3GAA113330-CSK	M3AA 112MC 6	1,302	IPP	16.97	95	230D/400Y,50Hz; 460Y,60Hz	
3 // 4	3000/3600	100	EMVM10032C-S-AP	3GAA101530-CSK	M3AA 100LC 2	1,125	IPP	17.01	62	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	EMVM10034C-S-AP	3GAA102560-CSK	M3AA 100LF 4	1,197	IPP	17.01	79	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13036C-S-AP	3GAA133330-CSK	M3AA 132MC 6	1,636	IPP	19.17	145	230D/400Y,50Hz; 460Y,60Hz	
4 // 5.3	3000/3600	112	EMVM11042C-S-AP	3GAA111320-CSK	M3AA 112MB 2	1,346	IPP	16.97	84	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	112	EMVM11044C-S-AP	3GAA112320-CSK	M3AA 112MB 4	1,397	IPP	16.97	97	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13046C-S-AP	3GAA133340-CSK	M3AA 132MD 6	1,770	IPP	19.17	148	230D/400Y,50Hz; 460Y,60Hz	
5.5 // 7.3	3000/3600	132	EMVM13552C-S-AP	3GAA131120-CSK	M3AA 132SB 2	1,562	IPP	19.17	128	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	132	EMVM13554C-S-AP	3GAA132320-CSK	M3AA 132MB 4	1,592	IPP	19.17	150	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13556C-S-AP	3GAA133350-CSK	M3AA 132ME 6	2,152	IPP	19.17	139	230D/400Y,50Hz; 460Y,60Hz	
7.5 // 10	3000/3600	132	EMVM13752C-S-AP	3GAA131130-CSK	M3AA 132SC 2	1,896	IPP	19.17	139	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	132	EMVM13754C-S-AP	3GAA132330-CSK	M3AA 132MC 4	2,008	IPP	19.17	150	230D/400Y,50Hz; 460Y,60Hz	

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product

* Motors are stamped with kW only.

** Included variant codes are not shown in Product Code, please contact local sales office

Motors are suitable for use at 230VD, 60Hz

3 year warranty

NEW!

NEW!**Process Performance IEC cast iron, three phase, 50/60 Hz, 400/460V**

0.25-90 kW (0.33-125 Hp)

IP55**Features:**

- Rugged cast iron construction (including endplates)
- IE3 efficiency per IEC 60034-30-1 (2014) (80 frame and above) All motors are compliant with DOE and NRCan
- Complies with EU MEPS/EcoDesign Regulation (EU) 2019/1781 effective July 2021
- 6 post terminal block in large, F3 terminal box provides easier, lower cost installation
- Class F insulation with Class B temperature limits
- Inverter ready 2:1CT and 20:1VT
- Painting system C3M acc. to ISO 12944-5:2007
- (3) PTC thermistors, 150 °C standard on sizes 71-280
- IC411 enclosure (TEFC)

Applications:

- Pumps
- Compressors
- Fans
- Conveyors
- General machinery

kW // Hp*	RPM	IEC Frame	Catalog Number	ABB Product Code**	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Voltage	Notes (a)
IM B3 (1001), foot mounted											
0.25 // 0.33	1500/1800	71	MM07254-S-PP	3GBP072321-ASB	M3BP 71MA 4	333	IPP	10.39	22	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	80	EMM08256-S-PP	3GBP083310-ASK	M3BP 80MA 6	511	IPP	13.03	31	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	71	MM07372-S-PP	3GBP071321-ASB	M3BP 71MA 2	347	IPP	10.39	24	230D/400Y,50Hz; 460Y,60Hz	
0.37 // 0.50	1500/1800	71	MM07374-S-PP	3GBP072322-ASB	M3BP 71MB 4	376	IPP	10.39	24	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	80	EMM08376-S-PP	3GBP083340-ASK	M3BP 80MD 6	565	IPP	13.03	35	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	71	MM07552-S-PP	3GBP071322-ASB	M3BP 71MB 2	384	IPP	10.39	24	230D/400Y,50Hz; 460Y,60Hz	
0.55 // 0.75	1500/1800	80	EMM08554-S-PP	3GBP082440-ASK	M3BP 80MLD 4	522	IPP	14.29	44	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	80	EMM08556-S-PP	3GBP083470-ASK	M3BP 80MLG 6	643	IPP	14.29	46	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	80	EMM08752-S-PP	3GBP081340-ASK	M3BP 80MD 2	591	IPP	13.03	40	230D/400Y,50Hz; 460Y,60Hz	
0.75 // 1	1500/1800	80	EMM08754-S-PP	3GBP082470-ASK	M3BP 80MLG 4	614	IPP	14.29	49	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	90	EMM09756-S-PP	3GBP093570-ASK	M3BP 90LG 6	775	IPP	15.35	75	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	80	EMM08112-S-PP	3GBP081370-ASK	M3BP 80MG 2	643	IPP	13.03	42	230D/400Y,50Hz; 460Y,60Hz	
1.1 // 1.5	1000/1200	100	EMM10116-S-PP	3GBP103870-ASK	M3BP 100LKG 6	950	IPP	17.13	104	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	EMM09114-S-PP	3GBP092530-ASK	M3BP 90LC 4	700	IPP	15.35	73	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	90	EMM09152-S-PP	3GBP091520-ASK	M3BP 90LB 2	766	IPP	15.35	68	230D/400Y,50Hz; 460Y,60Hz	
1.5 // 2	1500/1800	90	EMM09154-S-PP	3GBP092540-ASK	M3BP 90LD 4	823	IPP	15.35	75	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	112	EMM11156-S-PP	3GBP113380-ASK	M3BP 112MH 6	1,087	IPP	17.40	117	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	90	EMM09222-S-PP	3GBP091530-ASK	M3BP 90LC 2	964	IPP	15.35	77	230D/400Y,50Hz; 460Y,60Hz	
2.2 // 3	1500/1800	100	EMM10224-S-PP	3GBP102810-ASK	M3BP 100LKA 4	1,010	IPP	17.13	108	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMM13226-S-PP	3GBP13230-ASK	M3BP 132SMC 6	1,366	IPP	20.94	179	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	100	EMM10032-S-PP	3GBP101810-ASK	M3BP 100LKA 2	1,142	IPP	17.13	110	230D/400Y,50Hz; 460Y,60Hz	
3 // 4	1500/1800	100	EMM10034-S-PP	3GBP102820-ASK	M3BP 100LKB 4	1,199	IPP	17.13	108	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMM13036-S-PP	3GBP13240-ASK	M3BP 132SMD 6	1,699	IPP	20.94	181	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	112	EMM11042-S-PP	3GBP111370-ASK	M3BP 112MG 2	1,363	IPP	17.40	123	230D/400Y,50Hz; 460Y,60Hz	
4 // 5.3	1500/1800	112	EMM11044-S-PP	3GBP112370-ASK	M3BP 112MG 4	1,426	IPP	17.40	115	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMM13046-S-PP	3GBP13270-ASK	M3BP 132SMG 6	2,115	IPP	20.94	181	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	132	EMM13552-D-PP	3GBP131260-ADK	M3BP 132SMF 2	1,776	IPP	20.94	170	400D/415D/690Y,50Hz; 460D,60Hz	25
5.5 // 7.5	1500/1800	132	EMM13554-D-PP	3GBP132260-ADK	M3BP 132SMF 4	1,831	IPP	20.94	179	400D/415D/690Y,50Hz; 460D,60Hz	25
	1000/1200	132	EMM13556-D-PP	3GBP133280-ADK	M3BP 132SMH 6	2,614	IPP	20.94	174	400D/415D/690Y,50Hz; 460D,60Hz	25
7.5 // 10	3000/3600	132	EMM13752-D-PP	3GBP131270-ADK	M3BP 132SMG 2	2,212	IPP	20.94	170	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	132	EMM13754-D-PP	3GBP132270-ADK	M3BP 132SMG 4	2,310	IPP	20.94	179	400D/415D/690Y,50Hz; 460D,60Hz	25

(a) See notes on inside back flap. Red catalog number indicates **NEW** product

Cast iron frame

* Motors are stamped with kW only.

Catalog numbers with (-D-) are not suitable for VFD operation at 690VY.

Catalog numbers with (-S-) are suitable for use on 230VD, 60Hz

** Included variant codes are not shown in Product Code, please contact local sales office

3 year warranty

NEW!For more information visit baldor.com or new.abb.com/motors-generators

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

NEW!**Process Performance IEC cast iron, three phase, 50/60 Hz, 400/460V**

kW // Hp*	RPM	IEC Frame	Catalog Number	ABB Product Code**	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Voltage	Notes (a)
IM B3 (1001), foot mounted (continued)											
11 // 15	3000/3600	160	EMM16112-D-PPN	3GBP161410-ADK	M3BP 160MLA 2	2,795	IPP	22.99	311	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	160	EMM16114-D-PPN	3GBP162410-ADK	M3BP 160MLA 4	2,593	IPP	22.99	382	400D/415D/690Y,50Hz; 460D,60Hz	25
15 // 20	3000/3600	160	EMM16152-D-PPN	3GBP161420-ADK	M3BP 160MLB 2	3,615	IPP	22.99	375	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	160	EMM16154-D-PPN	3GBP162420-ADK	M3BP 160MLB 4	3,339	IPP	26.81	413	400D/415D/690Y,50Hz; 460D,60Hz	25
18.5 // 25	3000/3600	160	EMM16182-D-PPN	3GBP161430-ADK	M3BP 160MLC 2	3,991	IPP	26.81	403	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	180	EMM18184-D-PPN	3GBP182410-ADK	M3BP 180MLA 4	3,808	IPP	28.58	519	400D/415D/690Y,50Hz; 460D,60Hz	25
22 // 30	3000/3600	180	EMM18222-D-PPN	3GBP181410-ADK	M3BP 180MLA 2	4,460	IPP	28.58	516	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	180	EMM18224-D-PPN	3GBP182420-ADK	M3BP 180MLB 4	4,565	IPP	28.58	519	400D/415D/690Y,50Hz; 460D,60Hz	25
30 // 40	3000/3600	200	EMM20302-D-PPN	3GBP201410-ADK	M3BP 200MLA 2	5,582	IPP	32.32	657	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	200	EMM20304-D-PPN	3GBP202410-ADK	M3BP 200MLA 4	5,791	IPP	32.32	703	400D/415D/690Y,50Hz; 460D,60Hz	25
37 // 50	3000/3600	200	EMM20372-D-PPN	3GBP201420-ADK	M3BP 200MLB 2	7,356	IPP	32.32	692	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	225	EMM22374-D-PPN	3GBP222210-ADK	M3BP 225SMA 4	7,069	IPP	34.65	877	400D/415D/690Y,50Hz; 460D,60Hz	25
45 // 60	3000/3600	225	EMM22452-D-PPN	3GBP221210-ADK	M3BP 225SMA 2	8,817	IPP	33.46	692	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	225	EMM22454-D-PPN	3GBP222220-ADK	M3BP 225SMB 4	8,530	IPP	34.65	877	400D/415D/690Y,50Hz; 460D,60Hz	25
55 // 75	3000/3600	250	EMM25552-D-PPN	3GBP251210-ADK	M3BP 250SMA 2	10,695	IPP	34.80	997	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	250	EMM25554-D-PPN	3GBP252210-ADK	M3BP 250SMA 4	10,303	IPP	34.80	1049	400D/415D/690Y,50Hz; 460D,60Hz	25
75 // 100	3000/3600	280	EMM28752-D-PP	3GBP281220-ADK	M3BP 280SMB 2	16,039	IPP	34.80	1466	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	280	EMM28754-D-PP	3GBP282220-ADK	M3BP 280SMB 4	15,494	IPP	34.80	1466	400D/415D/690Y,50Hz; 460D,60Hz	25
90 // 125	3000/3600	280	EMM28902-D-PP	3GBP281230-ADK	M3BP 280SMC 2	19,253	IPP	34.80	1598	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	280	EMM28904-D-PP	3GBP282230-ADK	M3BP 280SMC 4	18,105	IPP	34.80	1598	400D/415D/690Y,50Hz; 460D,60Hz	25
IM B5 (3001), flange mounted, footless											
0.25 // 0.33	1000/1200	80	EMVM08256D-S-PP	3GBP083310-BSK	M3BP 80MA 6	594	IPP	13.03	31	230D/400Y,50Hz; 460Y,60Hz	
0.37 // 0.50	1000/1200	80	EMVM08376D-S-PP	3GBP083340-BSK	M3BP 80MD 6	643	IPP	13.03	35	230D/400Y,50Hz; 460Y,60Hz	
0.55 // 0.75	1500/1800	80	EMVM08554D-S-PP	3GBP082440-BSK	M3BP 80MLD 4	611	IPP	14.29	44	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	80	EMVM08556D-S-PP	3GBP083470-BSK	M3BP 80MLG 6	726	IPP	14.29	46	230D/400Y,50Hz; 460Y,60Hz	
0.75 // 1	3000/3600	80	EMVM08752D-S-PP	3GBP081340-BSK	M3BP 80MD 2	677	IPP	13.03	40	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	EMVM08754D-S-PP	3GBP082470-BSK	M3BP 80MLG 4	689	IPP	14.29	49	230D/400Y,50Hz; 460Y,60Hz	
1.1 // 1.5	1000/1200	90	EMVM09756D-S-PP	3GBP093570-BSK	M3BP 90LG 6	846	IPP	15.35	75	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	80	EMVM08112D-S-PP	3GBP081370-BSK	M3BP 80MG 2	726	IPP	13.03	42	230D/400Y,50Hz; 460Y,60Hz	
1.5 // 2	1000/1200	100	EMVM10116D-S-PP	3GBP103870-BSK	M3BP 100LKG 6	1,013	IPP	17.13	104	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	EMVM09114D-S-PP	3GBP092530-BSK	M3BP 90LC 4	789	IPP	15.35	73	230D/400Y,50Hz; 460Y,60Hz	
2.2 // 3	3000/3600	90	EMVM09152D-S-PP	3GBP091520-BSK	M3BP 90LB 2	855	IPP	15.35	68	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	EMVM09154D-S-PP	3GBP092540-BSK	M3BP 90LD 4	944	IPP	15.35	75	230D/400Y,50Hz; 460Y,60Hz	
3 // 4	1000/1200	112	EMVM11156D-S-PP	3GBP113380-BSK	M3BP 112MH 6	1,176	IPP	17.40	117	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	90	EMVM09222D-S-PP	3GBP091530-BSK	M3BP 90LC 2	1,059	IPP	15.35	77	230D/400Y,50Hz; 460Y,60Hz	
4 // 5.3	1500/1800	100	EMVM10224D-S-PP	3GBP102810-BSK	M3BP 100LKA 4	1,122	IPP	17.13	108	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13226D-S-PP	3GBP132230-BSK	M3BP 132SMC 6	1,455	IPP	20.94	179	230D/400Y,50Hz; 460Y,60Hz	
5.5 // 7.5	3000/3600	100	EMVM10032D-S-PP	3GBP101810-BSK	M3BP 100LKA 2	1,257	IPP	17.13	110	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	EMVM10034D-S-PP	3GBP102820-BSK	M3BP 100LKB 4	1,337	IPP	17.13	108	230D/400Y,50Hz; 460Y,60Hz	
7.5 // 10	1000/1200	132	EMVM13036D-S-PP	3GBP133240-BSK	M3BP 132SMD 6	1,828	IPP	20.94	181	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	112	EMVM11042D-S-PP	3GBP111370-BSK	M3BP 112MG 2	1,504	IPP	17.40	123	230D/400Y,50Hz; 460Y,60Hz	
5.5 // 7.5	1500/1800	112	EMVM11044D-S-PP	3GBP112370-BSK	M3BP 112MG 4	1,561	IPP	17.40	115	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13046D-S-PP	3GBP133270-BSK	M3BP 132SMG 6	2,221	IPP	20.94	181	230D/400Y,50Hz; 460Y,60Hz	
7.5 // 10	3000/3600	132	EMVM13552D-D-PP	3GBP131260-BDK	M3BP 132SMF 2	1,960	IPP	20.94	170	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	132	EMVM13554D-D-PP	3GBP132260-BDK	M3BP 132SMF 4	1,997	IPP	20.94	179	400D/415D/690Y,50Hz; 460D,60Hz	25
7.5 // 10	1000/1200	132	EMVM13556D-D-PP	3GBP133280-BDK	M3BP 132SMH 6	2,700	IPP	20.94	174	400D/415D/690Y,50Hz; 460D,60Hz	25
	3000/3600	132	EMVM13752D-D-PP	3GBP131270-BDK	M3BP 132SMG 2	2,379	IPP	20.94	170	400D/415D/690Y,50Hz; 460D,60Hz	25
7.5 // 10	1500/1800	132	EMVM13754D-D-PP	3GBP132270-BDK	M3BP 132SMG 4	2,519	IPP	20.94	179	400D/415D/690Y,50Hz; 460D,60Hz	25

(a) See notes on inside back flap.  Cast iron frame**Red** catalog number indicates **NEW** product

* Motors are stamped with kW only.

Catalog numbers with (-D-) are not suitable for VFD operation at 690VY.

Catalog numbers with (-S-) are suitable for use on 230VD, 60Hz

** Included variant codes are not shown in Product Code, please contact local sales office

3 year warranty

NEW!For more information visit baldor.com or new.abb.com/motors-generators

NEW!**Process Performance IEC cast iron, three phase, 50/60 Hz, 400/460V**

kW // Hp*	RPM	IEC Frame	Catalog Number	ABB Product Code**	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Voltage	Notes (a)
IM B14 (3601), face mounted, footless											
0.25 // 0.33	1000/1200	80	EMVM08256C-S-PP	3GBP083310-BSK	M3BP 80MA 6	594	IPP	13.03	31	230D/400Y,50Hz; 460Y,60Hz	
0.37 // 0.50	1000/1200	80	EMVM08376C-S-PP	3GBP083340-BSK	M3BP 80MD 6	643	IPP	13.03	35	230D/400Y,50Hz; 460Y,60Hz	
0.55 // 0.75	1500/1800	80	EMVM08554C-S-PP	3GBP082440-BSK	M3BP 80MLD 4	611	IPP	14.29	44	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	80	EMVM08556C-S-PP	3GBP083470-BSK	M3BP 80MLG 6	726	IPP	14.29	46	230D/400Y,50Hz; 460Y,60Hz	
0.75 // 1	3000/3600	80	EMVM08752C-S-PP	3GBP081340-BSK	M3BP 80MD 2	677	IPP	13.03	40	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	EMVM08754C-S-PP	3GBP082470-BSK	M3BP 80MLG 4	689	IPP	14.29	49	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	90	EMVM09756C-S-PP	3GBP093570-BSK	M3BP 90LG 6	846	IPP	15.35	75	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	80	EMVM08112C-S-PP	3GBP081370-BSK	M3BP 80MG 2	726	IPP	13.03	42	230D/400Y,50Hz; 460Y,60Hz	
1.1 // 1.5	1000/1200	100	EMVM10116C-S-PP	3GBP103870-BSK	M3BP 100LKG 6	1,013	IPP	17.13	104	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	EMVM09114C-S-PP	3GBP092530-BSK	M3BP 90LC 4	789	IPP	15.35	73	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	90	EMVM09152C-S-PP	3GBP091520-BSK	M3BP 90LB 2	855	IPP	15.35	68	230D/400Y,50Hz; 460Y,60Hz	
1.5 // 2	1500/1800	90	EMVM09154C-S-PP	3GBP092540-BSK	M3BP 90LD 4	944	IPP	15.35	75	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	112	EMVM11156C-S-PP	3GBP113380-BSK	M3BP 112MH 6	1,176	IPP	17.40	117	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	90	EMVM09222C-S-PP	3GBP091530-BSK	M3BP 90LC 2	1,059	IPP	15.35	77	230D/400Y,50Hz; 460Y,60Hz	
2.2 // 3	1500/1800	100	EMVM10224C-S-PP	3GBP102810-BSK	M3BP 100LKA 2	1,122	IPP	17.13	108	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13226C-S-PP	3GBP133230-BSK	M3BP 132SMC 6	1,455	IPP	20.94	179	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	100	EMVM10032C-S-PP	3GBP101810-BSK	M3BP 100LKA 2	1,257	IPP	17.13	110	230D/400Y,50Hz; 460Y,60Hz	
3 // 4	1500/1800	100	EMVM10034C-S-PP	3GBP102820-BSK	M3BP 100LKB 4	1,337	IPP	17.13	108	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13036C-S-PP	3GBP133240-BSK	M3BP 132SMD 6	1,828	IPP	20.94	181	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	112	EMVM11042C-S-PP	3GBP111370-BSK	M3BP 112MG 2	1,504	IPP	17.40	123	230D/400Y,50Hz; 460Y,60Hz	
4 // 5.3	1500/1800	112	EMVM11044C-S-PP	3GBP112370-BSK	M3BP 112MG 4	1,561	IPP	17.40	115	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13046C-S-PP	3GBP133270-BSK	M3BP 132SMG 6	2,221	IPP	20.94	181	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	132	EMVM13552C-D-PP	3GBP131260-BDK	M3BP 132SMF 2	1,960	IPP	20.94	170	400D/415D/690Y,50Hz; 460D,60Hz	25
5.5 // 7.5	1500/1800	132	EMVM13554C-D-PP	3GBP132260-BDK	M3BP 132SMF 4	1,997	IPP	20.94	179	400D/415D/690Y,50Hz; 460D,60Hz	25
	1000/1200	132	EMVM13556C-D-PP	3GBP133280-BDK	M3BP 132SMH 6	2,700	IPP	20.94	174	400D/415D/690Y,50Hz; 460D,60Hz	25
7.5 // 10	3000/3600	132	EMVM13752C-D-PP	3GBP131270-BDK	M3BP 132SMG 2	2,379	IPP	20.94	170	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	132	EMVM13754C-D-PP	3GBP132270-BDK	M3BP 132SMG 4	2,519	IPP	20.94	179	400D/415D/690Y,50Hz; 460D,60Hz	25

(a) See notes on inside back flap.

■ Cast iron frame

Red catalog number indicates **NEW** product

* Motors are stamped with kW only.

Catalog numbers with (-D-) are not suitable for VFD operation at 690VY.

Catalog numbers with (-S-) are suitable for use on 230VD, 60Hz

** Included variant codes are not shown in Product Code, please contact local sales office

3 year warranty

NEW!For more information visit baldor.com or new.abb.com/motors-generators

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

NEW!

Metric IEC flanges for Process Performance aluminum (M3AA) and cast iron (M3BP) motors (safe area)



Frame Size	Type (Material)	Poles	Motor Generation	Bolt Circle "M" Dimension (mm)	Catalog Number	List Price	Disc. Sym.	Weight (lb)
B5 machined flange only								
63	M3AA	2,4,6	F	115	M3AA063115-B5	70	SVC	1
	M3AA	2,4,6	E	130	M3AA071130-B5	89	SVC	1
71	M3BP	2,4,6	B	130	M3BP071130-B5	80	SVC	5
	M3AA	2,4,6	K	165	M3AA080165-B5	120	SVC	1
80	M3BP	2,4,6	K	165	M3BP080165-B5	95	SVC	7
	M3AA	2,4,6	K	165	M3AA090165-B5	57	SVC	2
90	M3BP	2,4,6	K	165	M3BP090165-B5	110	SVC	9
	M3AA	2,4,6	K	215	M3AA100215-B5	243	SVC	3
100	M3BP	2,4,6	K	215	M3BP100215-B5	158	SVC	11
	M3AA	2,4,6	K	215	M3AA112215-B5	255	SVC	14
112	M3BP	2,4,6	K	215	M3BP112215-B5	265	SVC	10
	M3AA	2,4,6	K	265	M3AA132265-B5	277	SVC	14
132	M3BP	2,4,6	K	265	M3BP132265-B5	289	SVC	21
	M3AA	2,4,6	K	300	M3AA160300-B5	375	SVC	40
160	M3BP	2,4,6	K	300	M3BP160300-B5	387	SVC	31
	M3AA	2,4,6	K	300	M3AA180300-B5	657	SVC	54
180	M3BP	2,4,6	K	300	M3BP180300-B5	571	SVC	37
	M3AA	2,4,6	K	350	M3AA200350-B5	828	SVC	57
200	M3BP	2,4,6	K	350	M3BP200350-B5	882	SVC	49
	M3AA	2,4,6	K	400	M3AA225400-B5	1,296	SVC	63
225	M3BP	2,4,6	K	400	M3BP225400-B5	1,069	SVC	63
	M3AA	2,4,6	K	500	M3AA250500-B5	1,583	SVC	95
250	M3BP	2,4,6	K	500	M3BP250500-B5	1,583	SVC	85
	M3BP	2	K	500	M3BP280500-B5-2P	1,093	SVC	97
280	M3BP	4,6	K	500	M3BP280500-B5	1,093	SVC	95
B14 machined flange only								
63	M3AA	2,4,6	F	75	M3AA063075-B14	72	SVC	1
	M3AA	2,4,6	E	85	M3AA071085-B14 *	89	SVC	1
71	M3BP	2,4,6	B	85	M3BP071085-B14	67	SVC	3
	M3AA	2,4,6	K	100	M3AA080100-B14 **	120	SVC	1
80	M3BP	2,4,6	K	100	M3BP080100-B14	83	SVC	4
	M3AA	2,4,6	K	115	M3AA090115-B14	156	SVC	2
90	M3BP	2,4,6	K	115	M3BP090115-B14	110	SVC	6
	M3AA	2,4,6	K	130	M3AA100130-B14	245	SVC	2
100	M3BP	2,4,6	K	130	M3BP100130-B14	159	SVC	8
	M3AA	2,4,6	K	130	M3AA112130-B14	255	SVC	7
112	M3BP	2,4,6	K	130	M3BP112130-B14	265	SVC	7
	M3AA	2,4,6	K	165	M3AA132165-B14	307	SVC	11
132	M3BP	2,4,6	K	165	M3BP132165-B14	289	SVC	13
	M3AA	2,4,6	K	215	M3AA160215-B14	375	SVC	27
160	M3AA	2,4,6	K	215	M3AA160215-B14	375	SVC	27

■ Cast iron frame

Red catalog number indicates **NEW** product.

* Bearing retainer, 3GVC071046-B is required when adding flange to B3 motor

** Bearing retainer, 3GVC081046-A is required when adding flange to B3 motor.

Please contact your sales office representative for delivery.

NEW!

Food Safe IEC stainless steel, three phase, totally enclosed, encapsulated, 50/60 Hz, 400/460VY

0.18 kW-7.5 kW (0.25-10 Hp)

IP69
for Water



Features:

- Stainless steel AISI 304
- Epoxy encapsulated windings
- IE3 efficiency per IEC 60034-30-1 (2014) (80 frame and above) All motors are compliant with DOE and NRCan
- Complies with EU MEPS/EcoDesign Regulation (EU) 2019/1781 effective July 2021
- Heat stabilized bearings with H1 food grade grease
- Laser engraved nameplate
- Inverter ready
- Rotatable terminal box cover with F3 mounting

Applications:

- Food processing
- Pumps and Wastewater
- Outdoors
- High pressure washdown
- Caustic environment

kW // Hp*	RPM	IEC Frame	Enclosure	Catalog Number	ABB Product Code	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Notes (a)
IM B3 (1001), foot mounted											
0.18 // 0.24	1000/1200	71	IC410/TENV	SSEWDM07186-B	3GMA073310-ASB	M3MA 71MA 6	2,261	IFS	12.20	33	
	1500/1800	71	IC410/TENV	SSEWDM07254-B	3GMA073320-ASB	M3MA 71MB 4	2,232	IFS	12.20	44	
0.25 // 0.33	1000/1200	71	IC410/TENV	SSEWDM07256-B	3GMA073320-ASB	M3MA 71MB 6	2,364	IFS	12.20	35	
	1500/1800	80	IC410/TENV	SSEWDM08374-B	3GMA082310-ASB	M3MA 80MA 4	2,261	IFS	13.94	51	
0.37 // 0.5	1000/1200	80	IC410/TENV	SSEWDM08376-B	3GMA083310-ASB	M3MA 80MA 6	2,445	IFS	13.94	51	
	3000/3600	80	IC410/TENV	SSEWDM08552-B	3GMA081310-ASB	M3MA 80MA 2	2,261	IFS	13.94	51	
0.55 // 0.73	1500/1800	80	IC410/TENV	SSEWDM08554-B	3GMA082320-ASB	M3MA 80MB 4	2,364	IFS	13.94	51	
	1000/1200	90	IC410/TENV	SSEWDM09556-B	3GMA093310-ASB	M3MA 90MA 6	2,689	IFS	17.15	106	
0.75 // 1	3000/3600	80	IC410/TENV	SSEWDM08752-B	3GMA081320-ASB	M3MA 80MB 2	2,364	IFS	13.94	51	
	1500/1800	80	IC410/TENV	SSEWDM08754-B	3GMA082330-ASB	M3MA 80MC 4	2,445	IFS	13.94	51	
1.1 // 1.5	1000/1200	90	IC410/TENV	SSEWDM09756-B	3GMA093320-ASB	M3MA 90MB 6	2,955	IFS	17.15	115	
	3000/3600	80	IC410/TENV	SSEWDM08112-B	3GMA081330-ASB	M3MA 80MC 2	2,445	IFS	13.94	51	
1.5 // 2	1500/1800	90	IC410/TENV	SSEWDM09114-B	3GMA092310-ASB	M3MA 90MA 4	2,689	IFS	17.15	106	
	3000/3600	90	IC410/TENV	SSEWDM09152-B	3GMA091310-ASB	M3MA 90MA 2	2,984	IFS	17.15	115	
2.2 // 3	1500/1800	90	IC410/TENV	SSEWDM09154-B	3GMA092320-ASB	M3MA 90MB 4	2,955	IFS	17.15	115	
	1000/1200	100	IC411/TEFC	SSEWDM10156-B	3GMA103510-ASB	M3MA 100LA 6	4,132	IFS	18.92	128	
2.2 // 3	3000/3600	90	IC410/TENV	SSEWDM09222-B	3GMA091320-ASB	M3MA 90MA 2	3,128	IFS	17.15	115	
	1500/1800	100	IC411/TEFC	SSEWDM10224-B	3GMA102510-ASB	M3MA 100LA 4	3,787	IFS	18.92	126	
3 // 4	1000/1200	112	IC411/TEFC	SSEWDM11226-B	3GMA113510-ASB	M3MA 112LA 6	4,706	IFS	18.92	130	
	3000/3600	100	IC411/TEFC	SSEWDM10032-B	3GMA101510-ASB	M3MA 100LA 2	4,132	IFS	18.92	133	
3 // 4	1500/1800	100	IC411/TEFC	SSEWDM10034-B	3GMA102520-ASB	M3MA 100LB 4	4,132	IFS	18.92	126	
	1000/1200	132	IC411/TEFC	SSEWDM13036-B	3GMA133510-ASB	M3MA 132LA 6	5,509	IFS	22.81	148	
4 // 5	3000/3600	112	IC411/TEFC	SSEWDM11042-B	3GMA111510-ASB	M3MA 112MA 2	4,706	IFS	18.92	134	
	1500/1800	112	IC411/TEFC	SSEWDM11044-B	3GMA112510-ASB	M3MA 112LA 4	4,706	IFS	18.92	134	
5.5 // 7.3	1000/1200	132	IC411/TEFC	SSEWDM13046-B	3GMA133520-ASB	M3MA 132LB 6	5,796	IFS	22.81	148	
	3000/3600	132	IC411/TEFC	SSEWDM13552-B	3GMA131510-ASB	M3MA 132LA 2	5,509	IFS	22.81	152	
7.5 // 10	1500/1800	132	IC411/TEFC	SSEWDM13554-B	3GMA132510-ASB	M3MA 132LA 4	5,509	IFS	22.81	161	
	3000/3600	132	IC411/TEFC	SSEWDM13752-B	3GMA131520-ASB	M3MA 132LB 2	5,796	IFS	22.81	165	
7.5 // 10	1500/1800	132	IC411/TEFC	SSEWDM13754-B	3GMA132520-ASB	M3MA 132LB 4	5,796	IFS	22.81	181	
IM B5 (3001), flange mounted, footless											
0.18 // 0.24	1000/1200	71	IC410/TENV	SSEWDM07186D-B	3GMA073310-BSB	M3MA 71MA 6	2,129	IFS	12.20	33	
	1500/1800	71	IC410/TENV	SSEWDM07254D-B	3GMA073320-BSB	M3MA 71MB 4	2,097	IFS	12.20	44	
0.25 // 0.33	1000/1200	71	IC410/TENV	SSEWDM07256D-B	3GMA073320-BSB	M3MA 71MB 6	2,235	IFS	12.20	35	
	1500/1800	80	IC410/TENV	SSEWDM08374D-B	3GMA082310-BSB	M3MA 80MA 4	2,129	IFS	13.94	51	
0.37 // 0.5	1000/1200	80	IC410/TENV	SSEWDM08376D-B	3GMA083310-BSB	M3MA 80MA 6	2,304	IFS	13.94	51	
	3000/3600	80	IC410/TENV	SSEWDM08552D-B	3GMA081310-BSB	M3MA 80MA 2	2,129	IFS	13.94	51	
0.55 // 0.73	1500/1800	80	IC410/TENV	SSEWDM08554D-B	3GMA082320-BSB	M3MA 80MB 4	2,235	IFS	13.94	51	
	1000/1200	90	IC410/TENV	SSEWDM09556D-B	3GMA093310-BSB	M3MA 90MA 6	2,531	IFS	17.15	106	

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

* Motors are stamped with kW only.
3 year warranty

Motors are usable at 230VD, 60Hz

Food Safe IEC stainless steel, three phase, totally enclosed, encapsulated, 50/60 Hz, 400/460VY

kW // Hp*	RPM	IEC Frame	Enclosure	Catalog Number	ABB Product Code	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Notes (a)
IM B5 (3001), flange mounted, footless (continued)											
0.75 // 1	3000/3600	80	IC410/TENV	SSEWDM08752D-B	3GMA081320-BSB	M3MA 80MB 2	2,235	IFS	13.94	51	
	1500/1800	80	IC410/TENV	SSEWDM08754D-B	3GMA082330-BSB	M3MA 80MC 4	2,304	IFS	13.94	51	
	1000/1200	90	IC410/TENV	SSEWDM09756D-B	3GMA093320-BSB	M3MA 90MB 6	2,766	IFS	17.15	115	
1.1 // 1.5	3000/3600	80	IC410/TENV	SSEWDM08112D-B	3GMA081330-BSB	M3MA 80MC 2	2,304	IFS	13.94	51	
	1500/1800	90	IC410/TENV	SSEWDM09114D-B	3GMA092310-BSB	M3MA 90MA 4	2,531	IFS	17.15	106	
1.5 // 2	3000/3600	90	IC410/TENV	SSEWDM09152D-B	3GMA091310-BSB	M3MA 90MA 2	2,800	IFS	17.15	115	
	1500/1800	90	IC410/TENV	SSEWDM09154D-B	3GMA092320-BSB	M3MA 90MB 4	2,766	IFS	17.15	115	
	1000/1200	100	IC411/TEFC	SSEWDM10156D-B	3GMA103510-BSB	M3MA 100LA 6	3,902	IFS	18.92	128	
2.2 // 3	3000/3600	90	IC410/TENV	SSEWDM09222D-B	3GMA091320-BSB	M3MA 90MA 2	2,955	IFS	17.15	115	
	1500/1800	100	IC411/TEFC	SSEWDM10224D-B	3GMA102510-BSB	M3MA 100LA 4	3,558	IFS	18.92	126	
	1000/1200	112	IC411/TEFC	SSEWDM11226D-B	3GMA113510-BSB	M3MA 112LA 6	4,447	IFS	18.92	130	
3 // 4	3000/3600	100	IC411/TEFC	SSEWDM10032D-B	3GMA101510-BSB	M3MA 100LA 2	3,902	IFS	18.92	133	
	1500/1800	100	IC411/TEFC	SSEWDM10034D-B	3GMA102520-BSB	M3MA 100LB 4	3,902	IFS	18.92	126	
	1000/1200	132	IC411/TEFC	SSEWDM13036D-B	3GMA133510-BSB	M3MA 132LA 6	5,165	IFS	22.81	148	
4 // 5	3000/3600	112	IC411/TEFC	SSEWDM11042D-B	3GMA111510-BSB	M3MA 112MA 2	4,447	IFS	18.92	134	
	1500/1800	112	IC411/TEFC	SSEWDM11044D-B	3GMA112510-BSB	M3MA 112LA 4	4,447	IFS	18.92	134	
	1000/1200	132	IC411/TEFC	SSEWDM13046D-B	3GMA133520-BSB	M3MA 132LB 6	5,480	IFS	22.81	148	
5.5 // 7.3	3000/3600	132	IC411/TEFC	SSEWDM13552D-B	3GMA131510-BSB	M3MA 132LA 2	5,165	IFS	22.81	152	
	1500/1800	132	IC411/TEFC	SSEWDM13554D-B	3GMA132510-BSB	M3MA 132LA 4	5,165	IFS	22.81	161	
7.5 // 10	3000/3600	132	IC411/TEFC	SSEWDM13752D-B	3GMA131520-BSB	M3MA 132LB 2	5,480	IFS	22.81	165	
	1500/1800	132	IC411/TEFC	SSEWDM13754D-B	3GMA132520-BSB	M3MA 132LB 4	5,480	IFS	22.81	181	
IM B14 (3601), face mounted, footless											
0.18 // 0.24	1000/1200	71	IC410/TENV	SSEWDM07186C-B	3GMA073310-CSB	M3MA 71MA 6	2,129	IFS	12.20	33	
0.25 // 0.33	1500/1800	71	IC410/TENV	SSEWDM07254C-B	3GMA072320-CSB	M3MA 71MB 4	2,097	IFS	12.20	44	
	1000/1200	71	IC410/TENV	SSEWDM07256C-B	3GMA073320-CSB	M3MA 71MB 6	2,235	IFS	12.20	35	
0.37 // 0.5	1500/1800	80	IC410/TENV	SSEWDM08374C-B	3GMA082310-CSB	M3MA 80MA 4	2,129	IFS	13.94	51	
	1000/1200	80	IC410/TENV	SSEWDM08376C-B	3GMA083310-CSB	M3MA 80MA 6	2,304	IFS	13.94	51	
0.55 // 0.73	3000/3600	80	IC410/TENV	SSEWDM08552C-B	3GMA081310-CSB	M3MA 80MA 2	2,129	IFS	13.94	51	
	1500/1800	80	IC410/TENV	SSEWDM08554C-B	3GMA082320-CSB	M3MA 80MB 4	2,235	IFS	13.94	51	
	1000/1200	90	IC410/TENV	SSEWDM09556C-B	3GMA093310-CSB	M3MA 90MA 6	2,531	IFS	17.15	106	
0.75 // 1	3000/3600	80	IC410/TENV	SSEWDM08752C-B	3GMA081320-CSB	M3MA 80MB 2	2,235	IFS	13.94	51	
	1500/1800	80	IC410/TENV	SSEWDM08754C-B	3GMA082330-CSB	M3MA 80MC 4	2,304	IFS	13.94	51	
	1000/1200	90	IC410/TENV	SSEWDM09756C-B	3GMA093320-CSB	M3MA 90MB 6	2,766	IFS	17.15	115	
1.1 // 1.5	3000/3600	80	IC410/TENV	SSEWDM08112C-B	3GMA081330-CSB	M3MA 80MC 2	2,304	IFS	13.94	51	
	1500/1800	90	IC410/TENV	SSEWDM09114C-B	3GMA092310-CSB	M3MA 90MA 4	2,531	IFS	17.15	106	
1.5 // 2	3000/3600	90	IC410/TENV	SSEWDM09152C-B	3GMA091310-CSB	M3MA 90MA 2	2,800	IFS	17.15	115	
	1500/1800	90	IC410/TENV	SSEWDM09154C-B	3GMA092320-CSB	M3MA 90MB 4	2,766	IFS	17.15	115	
	1000/1200	100	IC411/TEFC	SSEWDM10156C-B	3GMA103510-CSB	M3MA 100LA 6	3,902	IFS	18.92	128	
2.2 // 3	3000/3600	90	IC410/TENV	SSEWDM09222C-B	3GMA091320-CSB	M3MA 90MA 2	2,955	IFS	17.15	115	
	1500/1800	100	IC411/TEFC	SSEWDM10224C-B	3GMA102510-CSB	M3MA 100LA 4	3,558	IFS	18.92	126	
	1000/1200	112	IC411/TEFC	SSEWDM11226C-B	3GMA113510-CSB	M3MA 112LA 6	4,447	IFS	18.92	130	
3 // 4	3000/3600	100	IC411/TEFC	SSEWDM10032C-B	3GMA101510-CSB	M3MA 100LA 2	3,902	IFS	18.92	133	
	1500/1800	100	IC411/TEFC	SSEWDM10034C-B	3GMA102520-CSB	M3MA 100LB 4	3,902	IFS	18.92	126	
	1000/1200	132	IC411/TEFC	SSEWDM13036C-B	3GMA133510-CSB	M3MA 132LA 6	5,165	IFS	22.81	148	
4 // 5	3000/3600	112	IC411/TEFC	SSEWDM11042C-B	3GMA111510-CSB	M3MA 112MA 2	4,447	IFS	18.92	134	
	1500/1800	112	IC411/TEFC	SSEWDM11044C-B	3GMA112510-CSB	M3MA 112LA 4	4,447	IFS	18.92	134	
	1000/1200	132	IC411/TEFC	SSEWDM13046C-B	3GMA133520-CSB	M3MA 132LB 6	5,480	IFS	22.81	148	
5.5 // 7.3	3000/3600	132	IC411/TEFC	SSEWDM13552C-B	3GMA131510-CSB	M3MA 132LA 2	5,165	IFS	22.81	152	
	1500/1800	132	IC411/TEFC	SSEWDM13554C-B	3GMA132510-CSB	M3MA 132LA 4	5,165	IFS	22.81	161	
7.5 // 10	3000/3600	132	IC411/TEFC	SSEWDM13752C-B	3GMA131520-CSB	M3MA 132LB 2	5,480	IFS	22.81	165	
	1500/1800	132	IC411/TEFC	SSEWDM13754C-B	3GMA132520-CSB	M3MA 132LB 4	5,480	IFS	22.81	181	

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product.

* Motors are stamped with kW only.

Motors are usable at 230VD, 60Hz

3 year warranty

NEW!**IEC Zone 2 & 22 and Div 2 Increased Safety, three phase, 50/60 Hz**

ATEX/IECEX: Ex ec IIC T3 Gc, Ex tc IIIC T125C Dc

UL: Class I, Div 2 Group A, B, C & D, T3, Class II, Div 2 Group F & G, T4

0.37 - 90 kW

IP66**Features:**

- IM B3 (1001), foot mounted
- IE3 efficiency per IEC 60034-30-1 (2014). All motors are compliant with DOE and NRCan
- Complies with EU MEPS/EcoDesign Regulation (EU) 2019/1781 effective July 2021
- Cast iron frame and endplates are standard
- Inverter ready*
- 6 post terminal block in large F3 terminal box provides easier, lower cost installation
- Class F insulation with Class B temperature limits
- Painting system C3M acc. to ISO 12944-5:2007
- IC411/TEFC
- (3) PTC thermistors, 150 °C standard

Applications:

- Pumps
- Compressors
- Fans
- Conveyors

kW	RPM	IEC Frame	Catalog Number	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Voltage	Notes (a)
0.37	1500/1800	71	3GGP072450-ASLUS01	M3GP 71MLE 4	831	IHA	10.40	33	230D/400Y/415Y,50Hz; 440Y/460Y,60Hz	2, 9
0.55	1500/1800	80	3GGP082440-ASKUS02	M3GP 80MLD 4	922	IHA	14.30	44	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
0.75	1500/1800	80	3GGP082470-ASKUS02	M3GP 80MLG 4	989	IHA	14.30	49	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
1.1	1500/1800	90	3GGP092530-ASKUS02	M3GP 90LC 4	1,120	IHA	15.35	73	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GGP092530-ADKUS02	M3GP 90LC 4	1,120	IHA	15.35	73	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
1.5	1500/1800	90	3GGP092540-ASKUS02	M3GP 90LD 4	1,256	IHA	15.35	75	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GGP092540-ADKUS02	M3GP 90LD 4	1,256	IHA	15.35	75	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
2.2	1500/1800	100	3GGP102810-ASKUS02	M3GP 100LKA 4	1,454	IHA	17.13	108	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GGP102810-ADKUS02	M3GP 100LKA 4	1,454	IHA	17.13	108	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
3	1500/1800	100	3GGP102820-ASKUS02	M3GP 100LKB 4	1,722	IHA	17.13	108	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GGP102820-ADKUS02	M3GP 100LKB 4	1,722	IHA	17.13	108	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
4	1500/1800	112	3GGP112370-ASKUS02	M3GP 112MG 4	1,971	IHA	17.40	115	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GGP112370-ADKUS02	M3GP 112MG 4	1,971	IHA	17.40	115	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
5.5	1500/1800	132	3GGP132260-ASKUS02	M3GP 132SMF 4	2,376	IHA	20.95	179	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GGP132260-ADKUS02	M3GP 132SMF 4	2,376	IHA	20.95	179	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
7.5	1500/1800	132	3GGP132270-ASKUS02	M3GP 132SMG 4	2,775	IHA	20.95	179	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GGP132270-ADKUS02	M3GP 132SMG 4	2,775	IHA	20.95	179	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
11	1500/1800	160	3GGP162410-ADKUS02	M3GP 160MLA 4	3,440	IHA	26.81	414	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
15	1500/1800	160	3GGP162420-ADKUS02	M3GP 160MLB 4	4,300	IHA	26.81	414	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
18.5	1500/1800	180	3GGP182410-ADKUS02	M3GP 180MLA 4	4,937	IHA	28.58	518	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
22	1500/1800	180	3GGP182420-ADKUS02	M3GP 180MLB 4	5,989	IHA	28.58	518	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
30	1500/1800	200	3GGP202410-ADKUS02	M3GP 200MLA 4	7,518	IHA	32.32	703	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
37	1500/1800	225	3GGP222210-ADKUS02	M3GP 225SMA 4	9,047	IHA	33.43	877	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
45	1500/1800	225	3GGP222220-ADKUS02	M3GP 225SMB 4	10,862	IHA	33.43	877	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
55	1500/1800	250	3GGP252210-ADKUS02	M3GP 250SMA 4	12,997	IHA	34.80	1049	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
75	1500/1800	280	3GGP282220-ADKUS03	M3GP 280SMB 4	17,711	IHA	42.83	1466	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
90	1500/1800	280	3GGP282230-ADKUS04	M3GP 280SMC 4	20,610	IHA	42.83	1598	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25

(a) See notes on inside back flap.

■ Cast iron frame

Red catalog number indicates **NEW** product.

Motors are stamped with kW only.

* The above motors are suitable for VFD operation according to standard ABB loadability curves when nominal supply voltage of converter is $U_n \leq 500$ V with the addition of appropriate modification(s). Motors are not suitable for VFD operation at 660/690V.

For sizing or further details, please contact your sales representative.

2 year warranty

NEW!For more information visit baldor.com or new.abb.com/motors-generators

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

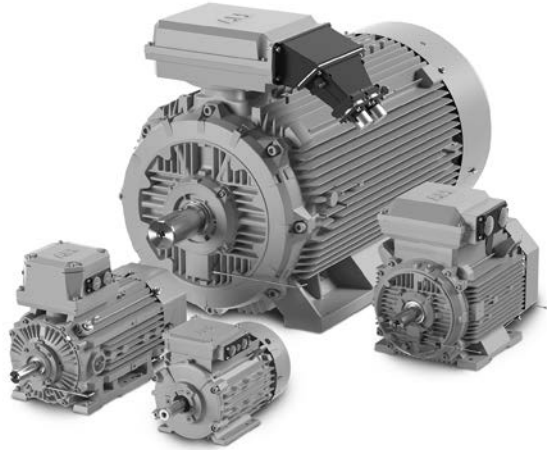
Service

Grinders

NEW!**IEC Zone 1 Flameproof, three phase, 50/60 Hz, for export only**

ATEX/IECEx: Ex db eb IIC T4 Gb

0.55-90 kW

IP56**Features:**

- IM B3 (1001), foot mounted
- IE3 efficiency per IEC 60034-30-1 (2014)
- Complies with EU MEPS/EcoDesign Regulation (EU) 2019/1781 effective July 2021
- Cast iron frame and endplates are standard
- Inverter ready*
- 6 post terminal block in large F3 terminal box provides easier, lower cost installation
- Class F insulation with Class B temperature limits
- Painting system C3M acc. to ISO 12944-5:2007
- IC411/TEFC
- (3) PTC thermistors, 150 °C standard

Applications:

- Pumps
- Compressors
- Fans
- Conveyors

kW	RPM	IEC Frame	Catalog Number	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Voltage	Notes (a)
0.55	1500/1800	80	3GKP082440-ASKUS04	M3KP 80MLD 4	1,740	IHA	16.10	88	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GKP082440-ADKUS04	M3KP 80MLD 4	1,740	IHA	16.10	88	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
0.75	1500/1800	80	3GKP082470-ASKUS04	M3KP 80MLG 4	1,819	IHA	16.10	90	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GKP082470-ADKUS04	M3KP 80MLG 4	1,819	IHA	16.10	90	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
1.1	1500/1800	90	3GKP092030-ASKUS04	M3KP 90SLC 4	2,029	IHA	17.32	115	220D/230D/380Y/400Y/415Y, 50Hz; 460Y,60Hz	2, 9
			3GKP092030-ADKUS04	M3KP 90SLC 4	2,029	IHA	17.32	115	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
1.5	1500/1800	90	3GKP092540-ASKUS04	M3KP 90LD 4	2,230	IHA	17.32	117	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GKP092540-ADKUS04	M3KP 90LD 4	2,230	IHA	17.32	117	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
2.2	1500/1800	100	3GKP102810-ASKUS04	M3KP 100LKA 4	2,592	IHA	19.65	154	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GKP102810-ADKUS04	M3KP 100LKA 4	2,592	IHA	19.65	154	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
3	1500/1800	100	3GKP102820-ASKUS04	M3KP 100LKB 4	2,948	IHA	19.65	154	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GKP102820-ADKUS04	M3KP 100LKB 4	2,948	IHA	19.65	154	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
4	1500/1800	112	3GKP112370-ASKUS04	M3KP 112MG 4	3,407	IHA	19.10	157	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GKP112370-ADKUS04	M3KP 112MG 4	3,407	IHA	19.10	157	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
5.5	1500/1800	132	3GKP132260-ASKUS04	M3KP 132SMF 4	4,077	IHA	22.68	243	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GKP132260-ADKUS04	M3KP 132SMF 4	4,077	IHA	22.68	243	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
7.5	1500/1800	132	3GKP132270-ASKUS04	M3KP 132SMG 4	4,837	IHA	22.68	243	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GKP132270-ADKUS04	M3KP 132SMG 4	4,837	IHA	22.68	243	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
11	1500/1800	160	3GKP162410-ADKUS04	M3KP 160MLA 4	5,957	IHA	31.81	516	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
15	1500/1800	160	3GKP162420-ADKUS04	M3KP 160MLB 4	7,422	IHA	31.81	558	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
18.5	1500/1800	180	3GKP182410-ADKUS04	M3KP 180MLA 4	9,238	IHA	32.52	628	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
22	1500/1800	180	3GKP182420-ADKUS04	M3KP 180MLB 4	10,257	IHA	27.80	639	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
30	1500/1800	200	3GKP202410-ADKUS04	M3KP 200MLA 4	12,806	IHA	32.44	750	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
37	1500/1800	225	3GKP222210-ADKUS04	M3KP 225SMA 4	15,609	IHA	35.47	869	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
45	1500/1800	225	3GKP222220-ADKUS04	M3KP 225SMB 4	17,743	IHA	35.47	950	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
55	1500/1800	250	3GKP252210-ADKUS04	M3KP 250SMA 4	21,757	IHA	35.24	974	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
75	1500/1800	280	3GKP282220-ADKUS04	M3KP 280SMB 4	29,943	IHA	42.91	1475	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
90	1500/1800	280	3GKP282230-ADKUS05	M3KP 280SMC 4	33,766	IHA	42.91	1607	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25

(a) See notes on inside back flap.  Cast iron frameRed catalog number indicates **NEW** product.

Motors are stamped with kW only.

* The above motors are suitable for VFD operation according to standard ABB loadability curves when nominal supply voltage of converter is $U_n \leq 500$ V with the addition of appropriate modification(s). Motors are not suitable for VFD operation at 660/690V.

For sizing or further details, please contact your sales representative.

2 year warranty

NEW!For more information visit baldor.com or new.abb.com/motors-generators

Metric IEC, three phase, 60 Hz, TEFC, foot mounted

1.1 thru 15 kW (1.5 thru 20 Hp)

IP54



Features:

- IEC-B3 mount
- Conforms to IEC 60072-1 & IEC 60034-1
- Ball bearings with locked DE bearing
- Heavy gauge steel frames
- Gasketed conduit box

Applications:

- Pumps
- Fans
- Conveyors
- Machine tools
- Gear reducers

kW/Hp	RPM	IEC Frame	Catalog Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Full Load Efficiency	60 Hz Voltage	Full Load Amps	60 Hz Use in US	Notes (a)
1.1/1.5	1800	D90S	EMM3554	825	BIM	13.00	44	86.5	230/460	2.2	Yes	30
1.5/2	1800	D90L	EMM3558	842	BIM	13.00	45	86.5	230/460	2.9	Yes	30
2.2/3	3600	D90L	EMM3559	948	BIM	13.87	51	86.5	230/460	3.6	Yes	30
	1800	D100L	EMM3611	945	BIM	15.76	71	89.5	230/460	4.2	Yes	
3.7/5	3600	D100L	EMM3613	960	BIM	15.76	78	88.5	230/460	5.6	Yes	30
	1800	D112M	EMM3615	1,026	BIM	17.66	90	89.5	230/460	6.7	Yes	30
5.5/7.5	3600	D132S	EMM3709	1,449	BIM	17.66	118	89.5	230/460	9	Yes	30
	1800	D132S	EMM3710	1,468	BIM	18.79	151	91.7	230/460	9.5	Yes	30
7.5/10	3600	D132S	EMM3711	1,518	BIM	17.66	119	90.2	230/460	11.8	Yes	30
	1800	D132M	EMM3714	1,660	BIM	20.29	165	91.7	230/460	12	Yes	30
11/15	1800	D160M	EMM2333	2,388	BIM	23.64	250	92.4	230/460	18.1	Yes	30
15/20	1800	D160L	EMM2334	2,899	BIM	23.63	313	93	230/460	25	Yes	30

(a) See notes on inside back flap.

■ Cast iron frame

Metric IEC, three phase, 60 Hz, TEFC, B5 flange

0.25 thru 7.5 kW (.33 thru 10 Hp)

IP54



Features:

- IEC – B5 flange mount
- Conforms to IEC 60072-1 & IEC 60034-1
- Ball bearings with locked DE bearing
- Heavy gauge steel frames
- Gasketed conduit box

Applications:

- Pumps
- Fans
- Conveyors
- Machine tools
- Gear reducers

kW/Hp	RPM	IEC Frame	Catalog Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Full Load Efficiency	60 Hz Voltage	Full Load Amps	60 Hz Use in US	Notes (a)
.25/.33	1800	D71D	MVM3458D	579	BIM	10.74	20	74	230/460	0.7	Yes	30
.37/.50	1800	D71D	MVM3461D	582	BIM	10.74	20	71	230/460	1.2	Yes	1, 30
.55/.75	1800	D80D	MVM3542D	614	BIM	10.73	27	75.5	208-230/460	1.5	Yes	12, 30
.75/1	3600	D80D	EMVM3545D	825	BIM	10.73	27	77	230/460	1.6	Yes	1
	1800	D80D	EMVM3546D	851	BIM	11.61	38	85.5	230/460	1.5	Yes	1, 30
1.1/1.5	3600	D80D	EMVM3550D	863	BIM	11.61	38	84	230/460	1.9	Yes	1, 30
	1800	D90SD	EMVM3554D	863	BIM	12.99	41	86.5	230/460	2.2	Yes	1, 30
1.5/2	3600	D90LD	EMVM3555D	935	BIM	12.99	41	85.5	208-230/460	2.5	Yes	1, 30
	1800	D90LD	EMVM3558D	910	BIM	12.99	45	86.5	230/460	2.9	Yes	1, 30
2.2/3	3600	D90LD	EMVM3559D	1,013	BIM	13.87	50	86.5	230/460	3.6	Yes	1, 30
	1800	D100D	EMVM3611D	1,087	BIM	15.55	89	89.5	230/460	4.2	Yes	1, 30
3.7/5	3600	D100LD	EMVM3613D	1,326	BIM	13.41	81	88.5	230/460	5.6	Yes	1, 30
	1800	D112MD	EMVM3615D	1,240	BIM	14.91	93	89.5	230/460	6.7	Yes	1, 30
5.5/7.5	3600	D132SD	EMVM3709D	1,814	BIM	20.47	96	89.5	230/460	8.3	Yes	1, 30
	1800	D132SD	EMVM3710D	1,679	BIM	17.33	151	91.7	230/460	9.5	Yes	1, 30
7.5/10	3600	D132SD	EMVM3711D	2,200	BIM	16.20	118	90.2	230/460	11.8	Yes	1, 30
	1800	D132MD	EMVM3714D	2,062	BIM	18.82	165	91.7	230/460	12	Yes	1, 30

(a) See notes on inside back flap.

Metric IEC, three phase, 60 Hz, TEFC, B14 face

0.25 thru 3.7 kW (.33 thru 5 Hp)

IP54



Features:

- IEC-B14 face mounting
- Ball bearings with locked DE bearing
- Heavy gauge steel frames
- Gasketed conduit box

Applications:

- Pumps
- Fans
- Conveyors
- Machine tools
- Gear reducers

kW/Hp	RPM	IEC Frame	Catalog Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Full Load Efficiency	60 Hz Voltage	Full Load Amps	60 Hz Use in US	Notes (a)
.25/.33	1800	D71C	MVM3458C	508	BIM	10.74	22	74	230/460	0.7	Yes	30
	3600	D71C	MVM3460C	541	BIM	10.74	22	72	230/460	0.6	Yes	30
.37/.50	1800	D71C	MVM3461C	571	BIM	10.74	22	71	208-230/460	1.2	Yes	2, 30
	3600	D71C	MVM3463C	563	BIM	11.24	26	75.5	230/460	1.4	Yes	30
.55/.75	1800	D80C	MVM3542C	599	BIM	11.11	26	75.5	208-230/460	1.5	Yes	30
	3600	D80C	EMVM3546C	835	BIM	11.38	38	85.5	230/460	1.5	Yes	1,30
1.5/2	1800	D90LC	EMVM3558C	890	BIM	13.75	45	86.5	230/460	2.9	Yes	1,30
	3600	D90LC	EMVM3559C	994	BIM	14.63	50	86.5	230/460	3.6	Yes	1,30
2.2/3	1800	D100C	EMVM3611C	1,070	BIM	15.88	70	89.5	230/460	4.2	Yes	1,30
	3600	D100LC	EMVM3613C	1,310	BIM	15.88	81	88.5	230/460	5.6	Yes	1,30
3.7/5	1800	D112MC	EMVM3615C	1,221	BIM	17.39	93	89.5	230/460	6.7	Yes	1,30

(a) See notes on inside back flap.

Single phase, NEMA frame, TEFC and ODP, foot mounted

1/3 thru 5 Hp

TEFC
IP44*ODP
IP22

Features:

- CE certified
- Low noise design
- Vibration dampening base
- Ingress protected conduit box
- Robust capacitor cover
- Dynamically balanced rotor
- High performance ball bearings

Applications:

- Fans
- Pumps
- Blowers
- Conveyors
- Compressors
- Industrial machines
- Other 50 Hz general purpose applications

Hp	RPM 50 Hz.	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Totally enclosed fan cooled, IP44											
1/3	1500	56	L3501-50	450	5E1	11.34	25	59	110/220	3.2	1
	3000	56	L3503-50	440	5E1	11.35	27	68	110/220	3.3	
1/2	1500	48	L3409-50	512	5E1	12.22	31	62	110/220	3.6	
	1500	56	L3504-50	512	5E1	12.84	32	62	110/220	3.6	
3/4	3000	56	L3506-50	491	5E1	12.23	35	62	110/220	4.6	
	1500	56	L3507-50	608	5E1	13.25	38	66	110/220	5	
1	3000	56	L3509-50	571	5E1	13.23	40	68	110/220	6.3	
	1500	56	L3510-50	699	5E1	14.12	47	68	110/220	6.2	
1 1/2	3000	56	L3513-50	752	5E1	14.11	48	68	110/220	9	1
	1500	56	L3514-50	790	5E1	14.13	46	73	110/220	8	
2	1500	145T	L3514T-50	790	5E1	14.18	51	73	110/220	8	
	3000	56	L3515-50	978	5E1	14.11	53	77	110/220	9.7	1
3	1500	182T	L3605T-50	1,117	5E1	16.56	76	81	110/220	10	
	1500	184T	L3609T-50	1,315	5E1	18.06	95	84.5	110/220	12.5	2
5	1500	213T	L3708T-50	1,572	5E1	17.89	119	84	220	22	2
Open drip proof, IP22											
1/3	3000	48	L1205-50	333	501	9.13	22	64.9	110/220	2.6	
	1500	48	L1206-50	405	501	9.38	24	62	110/220	2.3	
1/2	3000	48	L1208-50	366	501	9.75	25	68	110/220	3.3	
	1500	48	L1209-50	508	501	10.63	28	62	110/220	3.7	
3/4	1500	56	L1304-50	461	501	11.01	29	62	110/220	3.7	
	3000	56	L1306-50	446	501	11.01	28	64	110/220	5.3	
1	1500	56	L1307-50	569	501	12.07	38	66	110/220	5	
	3000	56	L1309-50	469	501	11.51	34	66	110/220	6	
1 1/2	1500	56	L1318-50	694	501	12.07	41	68	110/220	6.5	2
	3000	56	L1313-50	658	501	12.07	43	68	110/220	9.2	
2	1500	56	L1319-50	800	501	12.07	41	68	110/220	11.5	2
	3000	56	L1317-50	877	501	12.94	47	70	110/220	12	2
3	1500	182T	L1405T-50	930	501	15.00	66	69	110/220	14	2
	1500	184T	L1408T-50	1,005	501	16.50	91	75.5	110/220	16	
5	1500	213T	L1508T-50	1,572	501	16.32	112	82.5	220	21.6	2

(a) See notes on inside back flap.

All motors listed above are specifically designed for operation with 50 Hz. power.

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

Three phase, NEMA frame, TEFC and ODP, foot mounted

1/2 thru 60 Hp

TEFC
IP44*ODP
IP22

Features:

- CE certified
- Vibration dampening base
- Cast iron or heavy gauge steel design
- Suitable for mounting in any configuration
- Super-E® motors have IE3 efficiency
- Compliant to EU efficiency regulations
- 3 year warranty on Super-E motors

Applications:

- Fans
- Pumps
- Blowers
- Conveyors
- Compressors
- Industrial machines
- Other 50 Hz general purpose applications

Hp	RPM 50 Hz.	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Totally enclosed fan cooled, IP44											
1/2	1500	56	M3538-57	446	5E3	11.35	26	73	230/400	1	
3/4	3000	56	M3541-57	446	5E3	11.35	25	75.5	230/400	1.4	
	1500	56	M3542-57	477	5E3	12.85	32	75.5	230/400	1.8	
1	3000	56	EM3545-57	625	5E3	12.22	35	82.5	230/400	1.6	12
	1500	143T	EM3546T-57	639	5E3	12.31	34	82.5	230/400	1.8	1
1 1/2	3000	143T	EM3550T-57	725	5E3	13.29	43	85.5	230/400	2.3	
	1500	145T	EM3554T-57	650	5E3	13.31	41	84.1	230/400	2.9	1
2	3000	145T	EM3555T-57	796	5E3	14.17	50	84.2	230/400	2.9	
	1500	145T	EM3558T-57	686	5E3	13.31	45	85.3	230/400	3.4	1
3	3000	182T	EM3610T-57	1,015	5E3	15.16	55	85.9	230/400	4.2	1
	1500	182T	EM3611T-57	805	5E3	16.54	70	86.7	230/400	5.6	1
5	3000	184T	EM3613T-57	1,167	5E3	18.04	93	88.1	230/400	6.4	
	1500	184T	EM3615T-57	930	5E3	18.04	101	88.4	230/400	8	1
7 1/2	3000	213T	EM3709T-58	1,619	5E3	17.89	121	89.2	400	10.4	1
	1500	213T	EM3710T-58	1,290	5E3	19.01	127	89.6	400	10.8	1
10	3000	215T	EM3711T-58	1,717	5E3	19.01	140	90	400	13	1
	1500	215T	EM3714T-58	1,632	5E3	20.51	165	90	400	14	1
15	1500	254T	EM2333T-58	2,514	5E3	23.35	291	91	400	21	1
20	1500	256T	EM2334T-58	3,048	5E3	23.35	304	92	400	28	
25	1500	284T	EM4103T-58	3,987	5E3	27.76	437	93	400	37	
30	1500	286T	EM4104T-58	4,729	5E3	27.76	475	93	400	42	1
40	1500	324T	EM4110T-58	6,184	5E3	30.28	650	94	400	52	1
50	1500	326T	EM4115T-58	6,757	5E3	30.28	800	94	400	64	1
60	1500	364T	EM4314T-58	9,722	5E3	33.44	910	94	400	81	1
Open drip proof, IP22											
1/2	1500	56	M3108-57	393	503	10.12	26	73	230/400	1	
3/4	1500	56	M3112-57	437	503	10.12	26	70	230/400	1.9	
	1500	56	EM3116-57	569	503	11.07	34	82.5	230/400	1.8	1
1	1500	143T	EM3116T-57	572	503	11.12	34	82.5	230/400	1.8	1
	1500	145T	EM3154T-57	608	503	12.13	41	84.1	230/400	2.9	1
2	1500	145T	EM3157T-57	625	503	12.13	45	85.3	230/400	3.4	1
3	1500	182T	EM3211T-57	715	503	15.00	74	86.7	230/400	4.8	1
5	1500	184T	EM3218T-57	791	503	16.50	101	88.4	230/400	8	1
7 1/2	1500	213T	EM3311T-58	1,118	503	17.45	127	89.6	400	10.8	1
10	1500	215T	EM3313T-58	1,823	503	18.95	165	90	400	14	1
15	1500	254T	EM2513T-58	2,581	503	21.69	230	91	400	22	1
20	1500	256T	EM2515T-58	2,831	503	23.19	275	92	400	28	1

(a) See notes on inside back flap.

Cast iron frame

All motors listed above are specifically designed for operation with 50 Hz. power.

Motors shown in this catalog are suitable for use on 400 volt or 415 volt 50 Hz. power supplies.

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

Single and three phase, NEMA frame, TEFC, C-Face

1/4 thru 2 Hp

IP44*



Features:

- CE certified
- Locked DE bearing
- Dynamically balanced rotor
- High performance ball bearings
- Super-E® motors have IE3 efficiency
- Compliant to EU efficiency regulations
- 3 year warranty on Super-E motors

Applications:

- Fans
- Pumps
- Blowers
- Conveyors
- Compressors
- Industrial machines
- Other 50 Hz general purpose applications

Hp	RPM 50 Hz.	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Single phase											
1/3	1500	56C	VL3501-50	494	5E1	11.35	17	59	110/220	3.2	1
1/2	3000	56C	VL3503-50	448	5E1	11.35	25	68	110/220	3.3	
	1500	56C	VL3504-50	572	5E1	12.85	31	62	110/220	3.6	
3/4	3000	56C	VL3506-50	516	5E1	12.25	35	62	110/220	4.6	
	1500	56C	VL3507-50	678	5E1	13.25	39	66	110/220	5	
1	3000	56C	VL3509-50	607	5E1	13.25	40	68	110/220	6.3	
	1500	56C	VL3510-50	776	5E1	14.12	47	68	110/220	6.2	
1 1/2	3000	56C	VL3513-50	781	5E1	14.12	48	68	110/220	9	1
	1500	56C	VL3514-50	877	5E1	14.12	51	73	110/220	8	
2	3000	56C	VL3515-50	991	5E1	14.12	52	77	110/220	9.7	1
Three phase											
1/4	1500	56C	KM3454-57	361	5E3	11.35	20	64	230/400	0.7	
1/3	1500	56C	VM3534-57	408	5E3	11.35	21	68	230/400	1	
1/2	3000	56C	VM3537-57	443	5E3	11.35	22	72	230/400	1.1	
	1500	56C	VM3538-57	477	5E3	11.35	25	73	230/400	1	
3/4	3000	56C	VM3541-57	462	5E3	11.35	26	75.5	230/400	1.4	
	1500	56C	VM3542-57	512	5E3	12.85	32	75.5	230/400	1.8	
1	3000	56C	VEM3545-57	631	5E3	12.23	35	82.5	230/400	1.6	12
		56C	VEM3546-57	625	5E3	12.23	34	82.5	230/400	1.8	1
	1500	143TC	VEM3546T-57	625	5E3	12.29	34	82.5	230/400	1.8	1
1 1/2	3000	143TC	VEM3550T-57	686	5E3	13.29	43	85.5	230/400	2.3	
	1500	145TC	VEM3554T-57	649	5E3	13.29	41	84.1	230/400	2.9	1
2	3000	56C	VEM3555-57	681	5E3	14.10	50	84.2	230/400	2.9	
		143TC	VEM3555T-57	749	5E3	14.17	50	84.2	230/400	2.9	
	1500	145TC	VEM3558T-57	688	5E3	13.29	45	85.3	230/400	3.4	1

(a) See notes on inside back flap.

All motors listed above are specifically designed for operation with 50 Hz. power.

Motors shown in this catalog are suitable for use on 400 volt or 415 volt 50 Hz. power supplies.

*IP54 when Drain Fitting Kit #HA5027A03 is installed in the weep holes (48 thru 256T frame motors only)

Variable Speed AC motors

Baldor-Reliance® variable speed motors are specifically designed for variable speed control. The platform provides constant torque across the entire operating speed range in traditional NEMA and IEC designs or a power dense laminated steel square frame. Controlling a motor with variable frequency power has never been easier when using a Baldor-Reliance variable speed motor.



Designed specifically for adjustable frequency power operation and full compliance with MG-1 Part 31.

1/3 - 1000 Horsepower

Product line - DPG-FV, TEBC, TEFC, TENV enclosures	EC Titanium™	RPM AC	RPM AC PM	Inverter Duty V*S Master
Frame sizes	140, 180, 210	FL/RL180 -FL/RL440	FL180 - FL280	56C - 449T
Electrical features				
Designed for adjustable frequency power and complies with MG1 - Part 31 for corona free operation	S	S	S	S
Constant torque performance down to zero speed 1000:1	-	S	S	S
Provisions for encoder mounting	-	S	S	S
Vector Duty – stocked with encoder mounted	-	S	S	S
Class H insulation	-	S	S	-
Class F insulation	S	-	-	S
Class F insulation, Class B Temperature Rise	S	-	-	-
PM synchronous rotor technology for improved efficiency and increased power density	S	-	S	-
Low rotor inertia for high dynamic performance	-	S	S	-
Suitable for across the line operation	-	-	(2)	(2)
Internal Shaft Grounding Brush for common mode voltage free operation	S	-	-	-
Winding thermal protection with quantity 3 N/C thermostats, one per phase	-	S	S	S
F rise or better for longer motor life	-	-	S	S
Mechanical features				
Laminated steel frame RL/FL 210 - 440	-	S	S	-
Cast iron frame 180 - 440	-	-	-	S
Rolled Steel frame 140 - 210	S	-	-	-
Power dense designs – fits where other motors can't	S	S	S	-
Standard NEMA mounting for ease interchangeability	S	-	-	S
DPG-FV enclosure	-	S	S	-
TEBC enclosure	-	S	S	S
TEFC enclosure	S	S	S	S
TENV enclosure	-	S	S	S

S = Standard

(1) Provided with power drive ratings

(2) Some models

Variable Speed AC motors – Speed range capabilities

EC Titanium™, V*S Master and RPMAC motors

EC Titanium™, V*S Master and RPMAC motors exceed all requirements of NEMA MG-1 Parts 30 and 31 for AC induction motors powered from adjustable speed inverter control. Satisfactory motor performance depends on proper drive setup.

Super-E® motors: Super-E motors are inverter-ready and meet NEMA MG 1 Part 31.4.4.2. Super-E motors are suitable for use with inverter drives. Motor inverter setup is unique to each specific application. Proper setup and wiring procedures must be closely followed.

Application considerations: It is necessary that motor-drive applications are commissioned by persons familiar with the operation and setup of adjustable speed drives, applicable electrical codes and any other regulations.

Each drive must be tuned to the motor for the specific application. System operating parameters must be checked, including voltage at motor power leads, to insure that motor/drive setup has been successfully completed.

Applications that are not properly setup can lead to substandard performance and failure of system components. In some installations, shaft grounding and isolated bearings may prevent bearing fluting and are available as an option or through Mod Express®.

Reference the chart below for constant torque and variable torque capabilities for each product family. Torque performance depends upon proper drive setup.

Motors 48 body style and smaller are suitable for maximum 230V inverter operation.

Efficiency savings: Significant energy savings can be achieved when applying inverter-ready motors such as the Baldor-Reliance®

Super-E to centrifugal load applications (fan and centrifugal pump) and running at reduced speed taking advantage of the affinity laws where motor load and corresponding energy consumption is reduced by the cube of the speed.

Family	Enclosure	Frame Size	Constant Torque	Variable Torque	Comments
EC Titanium motor 230/460 and 460					
Motor Only (TEFC)	TEFC	140, 180, 210	20:1	20:1	EC Titanium Motor
EC Titanium Integrated drive and motor 115, 230 and 460					
IMD (TOP / AXIAL)	TEFC	140, 180, 210	10:1	10:1	EC Titanium Integrated Motor & Drive
Super-E® motors 230, 460 and 575 volts (2)					
EM	TEFC	56-210 (1)	20:1	20:1	General purpose premium efficient
		250-320	10:1	20:1	
		360-400	4:1	20:1	
		444-449	2:1	20:1	
EM	ODP	56-210 (1)	10:1	20:1	General purpose premium efficient
		250-320	5:1	20:1	
		360 - 449	2:1	20:1	
ECP/XEX and ECP8/841XL	TEFC	Please refer to the Severe duty section			Severe duty premium efficient
EWDM/Paint Free	TENV, TEFC	56-256 (1)	20:1	20:1	Washdown duty premium efficient
FS/ESS	TEFC	56-250 (5)	2:1	10:1	Stainless steel washdown duty
	TENV	56-140 (5)	4:1	20:1	
Standard-E motors 230/460 and 575 volts (2) (3)					
M (TEFC)		56-326T frames (1)	4:1	20:1	General purpose motors
		360T - 449T	2:1	20:1	
M (ODP)		56-326T frames (1)	4:1	20:1	
		360T - 449T	2:1	20:1	
CP/XT		145T frames	4:1	20:1	Severe duty
		180T-445T frames	2:1	20:1	
		447T-449T frames	2:1	20:1	
WDM		56-215T frames (1)	4:1	20:1	Washdown duty
V*S Master motors 230, 460 and 575 volts					
IDCSWDM	TENV	56-140	5:1	10:1	Inverter Duty, paint free
IDCSWDM	TEFC	56-215	3:1	10:1	Inverter Duty, paint free
IDM	TEBC	143-5009	1000:1	1000:1	Inverter Duty, blower cooled
IDNM	TENV	143-256	1000:1	1000:1	Inverter Duty, totally enclosed non-ventilated
ZDM	TEBC	143-5009	1000:1	1000:1	Vector Duty, blower cooled
ZDNM	TENV	143-256	1000:1	1000:1	Vector Duty, non-ventilated
IDWNM	TENV	143-254	1000:1	1000:1	Inverter Duty, washdown, non-ventilated
ZDWNM	TENV	143-254	1000:1	1000:1	Vector Duty, washdown, non-ventilated
IDNVSM	TENV	56-256	1000:1	1000:1	Inverter Duty, TENV, V*S Master
IDVSM	TEFC	182-449	1000:1	1000:1	Inverter Duty, TEFC, V*S Master
ZDNVSM	TENV	56-256	1000:1	1000:1	Vector Duty, TENV, V*S Master
ZDVSM	TEFC	182-449	1000:1	1000:1	Vector Duty, TEFC, V*S Master
ZDVSCP	TEFC-XT	143-326	1000:1	1000:1	Vector Duty, TEFC-XT, V*S Master
RPMAC motors 230 & 460					
IDNRPM	TENV	FL180-FL210	1000:1	1000:1	Inverter Duty, TENV, RPMAC
IDxRPM	TEFC, TEBC, DPG-FV	FL180-FL440	1000:1	1000:1	Inverter Duty, TEFC, TEBC, DPG-FV, RPMAC
IDCRPM	TEFC	FL180-FL280	1000:1 (4)	1000:1	Inverter Duty, TEFC, caged-IPM, RPMAC
ZDNRPM	TENV	FL180-FL210	1000:1	1000:1	Vector Duty, TENV, RPMAC
ZDxRPM	TEFC, TEBC	FL180-L400	1000:1	1000:1	Vector Duty, TEFC & TEBC, RPMAC
ZDPM	TEBC	FL180 - FL440	1000:1	1000:1	Vector Duty, TEBC, PM, RPMAC

Notes: (1) Baldor-Reliance type 35M frames and larger

(2) For greater speed range capabilities, please select an Inverter Duty, Vector Duty, V*S Master or RPM AC type motor, or contact your local sales office for a custom motor design.

(3) Standard-E EPA efficient motors are suitable for use in adjustable speed applications per NEMA MG 1 Part 30.

(4) Except for IDCRPM281254 which is 4:1

(5) Speed ranges may vary by model. Contact your sales representative to ensure the motor needed will meet the turndown requirements.

NEW!**EC Titanium™ motor, Inverter Duty, three phase, totally enclosed**

1 to 20 Hp

**Features:**

- IE5+ Motor Efficiency
- FASR - Ferrite Assisted Synchronous Reluctance Rotor
- Class F Insulation with Class B Motor temperature rise
- IP54 Motor Enclosure with shaft seal
- Internal grounding brush for bearing current mitigation on DE retainer ring
- For inverter use only per NEMA MG1 Part 31.4.4.2
- 1.5 Service Factor Design
- Designed for longevity with 3 year warranty

Applications:

- Fans
- Pumps
- Blowers
- Unit Handling
- HVAC Systems
- Variable Speed Applications
- General Purpose Applications
- Compressors

Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Enclosure	Catalog Number (b)	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes (a)
EC Titanium Motor, Inverter Duty, three phase, totally enclosed													
1	1800	4000	143T	TEFC	ECS101M0H1DF4	1,032	EC1	12.29	28	89.3%	230/460	2.3/1.2	1, 37
2	1800	4000	145T	TEFC	ECS101M0H2DF4	1,132	EC1	12.29	35	90.7%	230/460	4.5/2.3	1, 37
3	1800	4000	145T	TEFC	ECS101M0H3DF4	1,187	EC1	13.29	44	91.4%	230/460	7.0/3.5	1, 37
3	1800	4000	182T	TEFC	ECS101M0H3EF4	1,241	EC1	16.54	59	92.8%	230/460	7.3/3.7	1
5	1800	4000	145T	TEFC	ECS101M0H5DF4	1,290	EC1	15.54	64	93.0%	230/460	10.4/5.2	1, 37
5	1800	4000	184T	TEFC	ECS101M0H5EF4	1,338	EC1	16.54	68	93.7%	230/460	10.5/5.3	1
7 1/2	1800	4000	184T	TEFC	ECS101M0H7EF4	1,611	EC1	18.04	92	94.0%	230/460	17.5/8.8	1
7 1/2	1800	3000	213T	TEFC	ECS101M0H7FF4	1,884	EC1	17.89	105	94.0%	230/460	17.4/8.7	1
10	1800	3000	213T	TEFC	ECS101M0H10FF4	2,228	EC1	19.02	123	94.8%	230/460	22.0/11.0	1
15	1800	3000	215T	TEFC	ECS101M0H15FF4	3,094	EC1	21.96	168	95.6%	230/460	34.8/17.4	1
20	1800	3000	215T	TEFC	ECS101M4H20FF4	3,365	EC1	23.51	218	95.9%	460	21.6	1, 82
EC Titanium Motor, Inverter Duty, three phase, totally enclosed, C-Face, foot mounted													
1	1800	4000	143TC	TEFC	ECS101M0H1DB4	1060	EC1	12.29	28	89.3%	230/460	2.3/1.2	1, 37
2	1800	4000	143TC	TEFC	ECS101M0H2DB4	1160	EC1	12.29	35	90.7%	230/460	4.5/2.3	1, 37
3	1800	4000	145TC	TEFC	ECS101M0H3DB4	1215	EC1	13.29	44	91.4%	230/460	7.0/3.5	1, 37
3	1800	4000	182TC	TEFC	ECS101M0H3EB4	1269	EC1	16.54	59	92.8%	230/460	7.3/3.7	1
5	1800	4000	143TC	TEFC	ECS101M0H5DB4	1318	EC1	15.54	64	93.0%	230/460	10.4/5.2	1, 37
5	1800	4000	182TC	TEFC	ECS101M0H5EB4	1366	EC1	16.54	68	93.7%	230/460	10.5/5.3	1
7 1/2	1800	4000	184TC	TEFC	ECS101M0H7EB4	1639	EC1	18.04	92	94.0%	230/460	17.5/8.8	1
7 1/2	1800	3000	213TC	TEFC	ECS101M0H7FB4	1912	EC1	17.89	105	94.0%	230/460	17.4/8.7	1
10	1800	3000	213TC	TEFC	ECS101M0H10FB4	2256	EC1	19.02	123	94.8%	230/460	22.0/11.0	1
15	1800	3000	215TC	TEFC	ECS101M0H15FB4	3122	EC1	21.96	168	95.6%	230/460	34.8/17.4	1
20	1800	3000	215TC	TEFC	ECS101M4H20FB4	3393	EC1	23.51	218	95.9%	460	21.6	1, 82
EC Titanium Motor, Inverter Duty, three phase, totally enclosed, C-Face, footless													
1	1800	4000	143TC	TEFC	ECS101M0H1DC4	1060	EC1	12.29	28	89.3%	230/460	2.3/1.2	1, 37
2	1800	4000	143TC	TEFC	ECS101M0H2DC4	1160	EC1	12.29	35	90.7%	230/460	4.5/2.3	1, 37
3	1800	4000	145TC	TEFC	ECS101M0H3DC4	1215	EC1	13.29	44	91.4%	230/460	7.0/3.5	1, 37
3	1800	4000	182TC	TEFC	ECS101M0H3EC4	1269	EC1	16.54	59	92.8%	230/460	7.3/3.7	1
5	1800	4000	143TC	TEFC	ECS101M0H5DC4	1318	EC1	15.54	64	93.0%	230/460	10.4/5.2	1, 37
5	1800	4000	182TC	TEFC	ECS101M0H5EC4	1366	EC1	16.54	68	93.7%	230/460	10.5/5.3	1
7 1/2	1800	4000	184TC	TEFC	ECS101M0H7EC4	1639	EC1	18.04	92	94.0%	230/460	17.5/8.8	1
7 1/2	1800	3000	213TC	TEFC	ECS101M0H7FC4	1912	EC1	17.89	105	94.0%	230/460	17.4/8.7	1
10	1800	3000	213TC	TEFC	ECS101M0H10FC4	2256	EC1	19.02	123	94.8%	230/460	22.0/11.0	1
15	1800	3000	215TC	TEFC	ECS101M0H15FC4	3122	EC1	21.96	168	95.6%	230/460	34.8/17.4	1
20	1800	3000	215TC	TEFC	ECS101M4H20FC4	3393	EC1	23.51	218	95.9%	460	21.6	1, 82

(a) See notes on inside back flap.

(b) FASR – Ferrite Assisted Permanent Magnet, Synchronous Reluctance Rotor

Red catalog number indicates **NEW** product.

For EC Titanium Mod Express®, contact your local sales office.

NEW!For more information visit baldor.com or new.abb.com/motors-generators

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

NEW!**EC Titanium™, Top Mount Integrated Drive Motor, three phase, totally enclosed**

1 to 10 Hp

BALDOR • RELIANCE®
SHAFT GROUNDING BRUSH
INSTALLED
LB1508**IP54****Features:**

- Permanent Magnet PWM AC Drive Control
- IP54 Gasket Plastic Cover Enclosure
- Built-in ABB Ability and Bluetooth communications
- Serial Modbus RJ45 Interface
- 2 Digital Inputs, 2 Configurable Inputs (Analog or Digital)
- 1 Relay Output
- IE5+ Motor Efficiency
- Class F Insulation with Class B Motor temperature
- Internal grounding brush for bearing current mitigation
- Motor rated for inverter use per NEMA MG1 Part 31.4.4.2

Applications:

- Fans
- Pumps
- Blowers
- Unit Handling
- HVAC Systems
- Variable Speed Applications
- General Purpose Applications
- Compressors



Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Motor Input Amps	Drive Module (b)	Drive Output Amps	Notes (a)
EC Titanium, Top Mount Integrated Drive Motor, three phase, totally enclosed															
1-phase 100V...115V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143T	TEFC	ECS100T1H1DF4	1,725	EC2	12.37	35	89.3%	115	2.4	ECI1A3P2	3.2	2, 37, 68
1-phase 200...240V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143T	TEFC	ECS100T8H1DF4	1,725	EC2	12.37	35	89.3%	230	2.4	ECI8A7P0	7.0	2, 37, 68
2	1800	4000	145T	TEFC	ECS100T8H2DF4	2,004	EC2	12.37	41	90.7%	230	4.4	ECI8A7P0	7.0	2, 37, 68
3-phase 200...240V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143T	TEFC	ECS100T2H1DF4	1,725	EC2	12.37	35	89.3%	230	2.4	ECI2A4P3	4.3	2, 37, 68
2	1800	4000	145T	TEFC	ECS100T2H2DF4	2,004	EC2	12.37	41	90.7%	230	4.3	ECI2A7P0	7.0	2, 37, 68
3	1800	4000	182T	TEFC	ECS100T2H3EF4	2,267	EC2	16.71	66	92.8%	230	7.3	ECI2A10P5	10.5	2, 68
5	1800	4000	184T	TEFC	ECS100T2H5EF4	2,400	EC2	16.71	77	93.7%	230	10.5	ECI2A10P5	10.5	2, 68
3-phase 380...480V AC (+/-10%) - 3 Phase 460V Output															
1	1800	4000	143T	TEFC	ECS100T4H1DF4	1,725	EC2	12.37	35	89.3%	460	1.2	ECI4A2P2	2.2	2, 37, 68
2	1800	4000	145T	TEFC	ECS100T4H2DF4	1,883	EC2	12.37	41	90.7%	460	2.2	ECI4A2P2	2.2	2, 37, 68
3	1800	4000	145T	TEFC	ECS100T4H3DF4	2,254	EC2	13.37	47	91.4%	460	3.5	ECI4A4P1	4.1	2, 37, 68
3	1800	4000	182T	TEFC	ECS100T4H3EF4	2,267	EC2	16.71	66	92.8%	460	3.7	ECI4A4P1	4.1	2, 68
5	1800	4000	184T	TEFC	ECS100T4H5EF4	2,400	EC2	16.71	77	93.7%	460	5.3	ECI4A5P8	5.8	2, 68
7 1/2	1800	4000	184T	TEFC	ECS100T4H7EF4	2,988	EC2	18.21	106	94.0%	460	8.8	ECI4A9P5	9.5	2, 68
7 1/2	1800	3000	213T	TEFC	ECS100T4H7FF4	3,208	EC2	18.10	111	94.7%	460	8.6	ECI4A9P5	9.5	2, 68
10	1800	3000	215T	TEFC	ECS100T4H10FF4	3,779	EC2	19.23	132	94.8%	460	11.0	ECI4A12P0	12.0	2, 68
EC Titanium, Top Mount Integrated Drive Motor, three phase, totally enclosed, C-Face, foot mounted															
1-phase 100V...115V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143TC	TEFC	ECS100T1H1DB4	1753	EC2	12.37	36	89.3%	115	2.4	ECI1A3P2	3.2	2, 37, 68
1-phase 200...240V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143TC	TEFC	ECS100T8H1DB4	1753	EC2	12.37	35	89.3%	230	2.4	ECI8A7P0	7	2, 37, 68
2	1800	4000	145TC	TEFC	ECS100T8H2DB4	2032	EC2	13.37	41	90.7%	230	4.4	ECI8A7P0	7	2, 37, 68
3-phase 200...240V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143TC	TEFC	ECS100T2H1DB4	1753	EC2	12.37	35	89.3%	230	2.4	ECI2A4P3	4.3	2, 37, 68
2	1800	4000	145TC	TEFC	ECS100T2H2DB4	2032	EC2	13.37	41	90.7%	230	4.3	ECI2A7P0	7	2, 37, 68
3	1800	4000	182TC	TEFC	ECS100T2H3EB4	2295	EC2	16.71	66	92.8%	230	7.3	ECI2A10P5	10.5	2, 68
5	1800	4000	184TC	TEFC	ECS100T2H5EB4	2428	EC2	16.71	77	93.7%	230	10.5	ECI2A10P5	10.5	2, 68
3-phase 380...480V AC (+/-10%) - 3 Phase 460V Output															
1	1800	4000	143TC	TEFC	ECS100T4H1DB4	1753	EC2	12.37	35	89.3%	460	1.2	ECI4A2P2	2.2	2, 37, 68
2	1800	4000	145TC	TEFC	ECS100T4H2DB4	1911	EC2	13.37	41	90.7%	460	2.2	ECI4A2P2	2.2	2, 37, 68
3	1800	4000	145TC	TEFC	ECS100T4H3DB4	2282	EC2	13.37	47	91.4%	460	3.5	ECI4A4P1	4.1	2, 37, 68
3	1800	4000	182TC	TEFC	ECS100T4H3EB4	2295	EC2	16.71	67	92.8%	460	3.7	ECI4A4P1	4.1	2, 68
5	1800	4000	184TC	TEFC	ECS100T4H5EB4	2428	EC2	16.71	77	93.7%	460	5.3	ECI4A5P8	5.8	2, 68
7 1/2	1800	4000	184TC	TEFC	ECS100T4H7EB4	3016	EC2	18.21	106	94.0%	460	8.8	ECI4A9P5	9.5	2, 68
7 1/2	1800	3000	213TC	TEFC	ECS100T4H7FB4	3236	EC2	18.1	111	94.7%	460	8.6	ECI4A9P5	9.5	2, 68
10	1800	3000	215TC	TEFC	ECS100T4H10FB4	3807	EC2	19.23	132	94.8%	460	11	ECI4A12P0	12.0	2, 68

(a) See notes on inside back flap. (b) Integrated Drive Model – available as a renewal parts replacement assembly **Red** catalog number indicates **NEW** product.
For EC Titanium Mod Express®, contact your local sales office.

NEW!For more information visit baldor.com or new.abb.com/motors-generators

NEW!**EC Titanium™, Top Mount Integrated Drive Motor, three phase, totally enclosed**

Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Motor Input Amps	Drive Module (b)	Drive Output Amps	Notes (a)
EC Titanium, Top Mount Integrated Drive Motor, three phase, totally enclosed, C-Face, footless															
1-phase 100V...115V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143TC	TEFC	ECS100T1H1DC4	1753	EC2	12.37	36	89.3%	115	2.4	ECI1A3P2	3.2	2, 37, 68
1-phase 200...240V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143TC	TEFC	ECS100T8H1DC4	1753	EC2	12.37	35	89.3%	230	2.4	ECI8A7P0	7	2, 37, 68
2	1800	4000	145TC	TEFC	ECS100T8H2DC4	2032	EC2	13.37	41	90.7%	230	4.4	ECI8A7P0	7	2, 37, 68
3-phase 200...240V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143TC	TEFC	ECS100T2H1DC4	1753	EC2	12.37	35	89.3%	230	2.4	ECI2A4P3	4.3	2, 37, 68
2	1800	4000	145TC	TEFC	ECS100T2H2DC4	2032	EC2	13.37	41	90.7%	230	4.3	ECI2A7P0	7	2, 37, 68
3	1800	4000	182TC	TEFC	ECS100T2H3EC4	2295	EC2	16.71	66	92.8%	230	7.3	ECI2A10P5	10.5	2, 68
5	1800	4000	184TC	TEFC	ECS100T2H5EC4	2428	EC2	16.71	77	93.7%	230	10.5	ECI2A10P5	10.5	2, 68
3-phase 380...480V AC (+/-10%) - 3 Phase 460V Output															
1	1800	4000	143TC	TEFC	ECS100T4H1DC4	1753	EC2	12.37	35	89.3%	460	1.2	ECI4A2P2	2.2	2, 37, 68
2	1800	4000	145TC	TEFC	ECS100T4H2DC4	1911	EC2	13.37	41	90.7%	460	2.2	ECI4A2P2	2.2	2, 37, 68
3	1800	4000	145TC	TEFC	ECS100T4H3DC4	2282	EC2	13.37	47	91.4%	460	3.5	ECI4A4P1	4.1	2, 37, 68
3	1800	4000	182TC	TEFC	ECS100T4H3EC4	2295	EC2	16.71	67	92.8%	460	3.7	ECI4A4P1	4.1	2, 68
5	1800	4000	184TC	TEFC	ECS100T4H5EC4	2428	EC2	16.71	77	93.7%	460	5.3	ECI4A5P8	5.8	2, 68
7 1/2	1800	4000	184TC	TEFC	ECS100T4H7EC4	3016	EC2	18.21	106	94.0%	460	8.8	ECI4A9P5	9.5	2, 68
7 1/2	1800	3000	213TC	TEFC	ECS100T4H7FC4	3236	EC2	18.1	111	94.7%	460	8.6	ECI4A9P5	9.5	2, 68
10	1800	3000	215TC	TEFC	ECS100T4H10FC4	3807	EC2	19.23	132	94.8%	460	11	ECI4A12P0	12	2, 68

(a) See notes on inside back flap.

(b) Integrated Drive Model – available as a renewal parts replacement assembly

Red catalog number indicates **NEW** product.

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NEW!For more information visit baldor.com or new.abb.com/motors-generators

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

NEW!

EC Titanium™, Axial Mount Integrated Drive Motor, three phase, totally enclosed

1 to 7.5 Hp

BALDOR • RELIANCE®
SHAFT GROUNDING BRUSH
INSTALLED
LB1508

IP54**Features:**

- Permanent Magnet PWM AC Drive Control
- IP54 Gasket Plastic Cover Enclosure
- Built-in ABB Ability and Bluetooth communications
- Serial Modbus RJ45 Interface
- 2 Digital Inputs, 2 Configurable Inputs (Analog or Digital)
- 1 Relay Output
- IE5+ Motor Efficiency
- Class F Insulation with Class B Motor temperature
- Internal grounding brush for bearing current mitigation
- Motor rated for inverter use per NEMA MG1 Part 31.4.4.2

Applications:

- Fans
- Pumps
- Blowers
- Unit Handling
- HVAC Systems
- Variable Speed Applications
- General Purpose Applications
- Compressors

Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Motor Input Amps	Drive Input Voltage	Drive Module (b)	Drive Output Amps	Notes (a)
EC Titanium, Axial Mount Integrated Drive Motor, three phase, totally enclosed															
1-phase 100V...115V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143T	TEFC	ECS100A1H1DF4	1,725	EC3	16.71	35	89.3%	2.4	115	ECI1A3P2	3.2	2, 37, 68
1-phase 200...240V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143T	TEFC	ECS100A8H1DF4	1,725	EC3	16.71	35	89.3%	2.4	230	ECI8A7P0	7.0	2, 37, 68
2	1800	4000	145T	TEFC	ECS100A8H2DF4	2,004	EC3	16.71	38	90.7%	4.4	230	ECI8A7P0	7.0	2, 37, 68
3-phase 200...240V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143T	TEFC	ECS100A2H1DF4	1,725	EC3	16.71	35	89.3%	2.4	230	ECI2A4P3	4.3	2, 37, 68
2	1800	4000	145T	TEFC	ECS100A2H2DF4	2,004	EC3	16.71	38	90.7%	4.3	230	ECI2A7P0	7.0	2, 37, 68
3	1800	4000	182T	TEFC	ECS100A2H3EF4	2,267	EC3	22.25	66	92.8%	7.3	230	ECI2A10P5	10.5	2, 68
5	1800	4000	184T	TEFC	ECS100A2H5EF4	2,400	EC3	22.25	76	93.7%	10.5	230	ECI2A10P5	10.5	2, 68
3-phase 380...480V AC (+/-10%) - 3 Phase 460V Output															
1	1800	4000	143T	TEFC	ECS100A4H1DF4	1,725	EC3	16.71	35	89.3%	1.2	460	ECI4A2P2	2.2	2, 37, 68
2	1800	4000	145T	TEFC	ECS100A4H2DF4	1,883	EC3	16.71	38	90.7%	2.2	460	ECI4A2P2	2.2	2, 37, 68
3	1800	4000	145T	TEFC	ECS100A4H3DF4	2,254	EC3	16.71	46	91.4%	3.5	460	ECI4A4P1	4.1	2, 37, 68
3	1800	4000	182T	TEFC	ECS100A4H3EF4	2,267	EC3	22.25	66	92.8%	3.7	460	ECI4A4P1	4.1	2, 68
5	1800	4000	182T	TEFC	ECS100A4H5EF4	2,400	EC3	22.25	76	93.7%	5.3	460	ECI4A5P8	5.8	2, 68
7 1/2	1800	4000	184T	TEFC	ECS100A4H7EF4	2,988	EC3	23.76	101	94.0%	8.8	460	ECI4A9P5	9.5	2, 68
EC Titanium, Axial Mount Integrated Drive Motor, three phase, totally enclosed, C-Face, foot mounted															
1-phase 100V...115V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143TC	TEFC	ECS100A1H1DB4	1,753	EC3	16.71	36	89.3%	2.4	115	ECI1A3P2	3.2	2, 37, 68
1-phase 200...240V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143TC	TEFC	ECS100A8H1DB4	1,753	EC3	16.71	35	89.3%	2.4	230	ECI8A7P0	7	2, 37, 68
2	1800	4000	145TC	TEFC	ECS100A8H2DB4	2,032	EC3	16.71	41	90.7%	4.4	230	ECI8A7P0	7	2, 37, 68
3-phase 200...240V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143TC	TEFC	ECS100A2H1DB4	1,753	EC3	16.71	35	89.3%	2.4	230	ECI2A4P3	4.3	2, 37, 68
2	1800	4000	145TC	TEFC	ECS100A2H2DB4	2,032	EC3	16.71	41	90.7%	4.3	230	ECI2A7P0	7	2, 37, 68
3	1800	4000	182TC	TEFC	ECS100A2H3EB4	2,295	EC3	22.25	66	92.8%	7.3	230	ECI2A10P5	10.5	2, 68
5	1800	4000	184TC	TEFC	ECS100A2H5EB4	2,428	EC3	22.25	77	93.7%	10.5	230	ECI2A10P5	10.5	2, 68
3-phase 380...480V AC (+/-10%) - 3 Phase 460V Output															
1	1800	4000	143TC	TEFC	ECS100A4H1DB4	1,753	EC3	16.71	35	89.3%	1.2	460	ECI4A2P2	2.2	2, 37, 68
2	1800	4000	145TC	TEFC	ECS100A4H2DB4	1,911	EC3	16.71	41	90.7%	2.2	460	ECI4A2P2	2.2	2, 37, 68
3	1800	4000	145TC	TEFC	ECS100A4H3DB4	2,282	EC3	16.71	47	91.4%	3.5	460	ECI4A4P1	4.1	2, 37, 68
3	1800	4000	182TC	TEFC	ECS100A4H3EB4	2,295	EC3	22.25	67	92.8%	3.7	460	ECI4A4P1	4.1	2, 68
5	1800	4000	184TC	TEFC	ECS100A4H5EB4	2,428	EC3	22.25	77	93.7%	5.3	460	ECI4A5P8	5.8	2, 68
7 1/2	1800	4000	184TC	TEFC	ECS100A4H7EB4	3,016	EC3	23.76	106	94.0%	8.8	460	ECI4A9P5	9.5	2, 68

(a) See notes on inside back flap.

(b) Integrated Drive Model - available as a renewal parts replacement assembly

Red catalog number indicates **NEW** product.

For EC Titanium Mod Express®, contact your local sales office.

NEW!

EC Titanium, Axial Mount Integrated Drive Motor, three phase, totally enclosed

Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Motor Input Amps	Drive Input Voltage	Drive Module (b)	Drive Output Amps	Notes (a)
EC Titanium, Axial Mount Integrated Drive Motor, three phase, totally enclosed, C-Face, footless															
1-phase 100V...115V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143TC	TEFC	ECS100A1H1DC4	1753	EC3	16.71	36	89.3%	2.4	115	ECI1A3P2	3.2	2, 37, 68
1-phase 200...240V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143TC	TEFC	ECS100A8H1DC4	1753	EC3	16.71	35	89.3%	2.4	230	ECI8A7P0	7	2, 37, 68
2	1800	4000	145TC	TEFC	ECS100A8H2DC4	2032	EC3	16.71	41	90.7%	4.4	230	ECI8A7P0	7	2, 37, 68
3-phase 200...240V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143TC	TEFC	ECS100A2H1DC4	1753	EC3	16.71	35	89.3%	2.4	230	ECI2A4P3	4.3	2, 37, 68
2	1800	4000	145TC	TEFC	ECS100A2H2DC4	2032	EC3	16.71	41	90.7%	4.3	230	ECI2A7P0	7	2, 37, 68
3	1800	4000	182TC	TEFC	ECS100A2H3EC4	2295	EC3	22.25	66	92.8%	7.3	230	ECI2A10P5	10.5	2, 68
5	1800	4000	184TC	TEFC	ECS100A2H5EC4	2428	EC3	22.25	77	93.7%	10.5	230	ECI2A10P5	10.5	2, 68
3-phase 380...480V AC (+/-10%) - 3 Phase 460V Output															
1	1800	4000	143TC	TEFC	ECS100A4H1DC4	1753	EC3	16.71	35	89.3%	1.2	460	ECI4A2P2	2.2	2, 37, 68
2	1800	4000	145TC	TEFC	ECS100A4H2DC4	1911	EC3	16.71	41	90.7%	2.2	460	ECI4A2P2	2.2	2, 37, 68
3	1800	4000	145TC	TEFC	ECS100A4H3DC4	2282	EC3	16.71	47	91.4%	3.5	460	ECI4A4P1	4.1	2, 37, 68
3	1800	4000	182TC	TEFC	ECS100A4H3EC4	2295	EC3	22.25	67	92.8%	3.7	460	ECI4A4P1	4.1	2, 68
5	1800	4000	184TC	TEFC	ECS100A4H5EC4	2428	EC3	22.25	77	93.7%	5.3	460	ECI4A5P8	5.8	2, 68
7 1/2	1800	4000	184TC	TEFC	ECS100A4H7EC4	3016	EC3	23.76	106	94.0%	8.8	460	ECI4A9P5	9.5	2, 68

(a) See notes on inside back flap.

(b) Integrated Drive Model – available as a renewal parts replacement assembly

Red catalog number indicates **NEW** product.

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Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

NEW!**EC Titanium™, Plenum Use, Aluminum Housing and Fan Cover, Non-Bluetooth Drive**BALDOR • RELIANCE®
SHAFT GROUNDING BRUSH
INSTALLED
LB1508**IP54****Features:**

- IP54 Gasket Aluminum Cover Enclosure and Fan Cover
- Non-Bluetooth Drive
- Serial Modbus RJ45 Interface
- 2 Digital Inputs, 2 Configurable Inputs (Analog or Digital)
- 1 Relay Output
- IE5+ Motor Efficiency
- Class F Insulation with Class B Motor temperature
- Internal grounding brush for bearing current mitigation
- Motor rated for inverter use per NEMA MG1 Part 31.4.4.2

Applications:

- Fans
- Pumps
- Blowers
- Unit Handling
- HVAC Systems
- Variable Speed Applications
- General Purpose Applications

Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Motor Input Amps	Drive Input Voltage	Drive Module (b)	Drive Output Amps	Notes (a)
EC Titanium, Top Mount Integrated Drive Motor, three phase, totally enclosed, 1 to 10 Hp															
1-phase 100V...115V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143T	TEFC	ECS101T1H1DF4	1725	EC2	16.71	36	89.3%	2.4	115	ECIN1A3P2	3.2	2, 37, 68
1-phase 200...240V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143T	TEFC	ECS101T8H1DF4	1725	EC2	16.71	35	89.3%	2.4	230	ECIN8A7P0	7	2, 37, 68
2	1800	4000	145T	TEFC	ECS101T8H2DF4	2004	EC2	16.71	41	90.7%	4.4	230	ECIN8A7P0	7	2, 37, 68
3-phase 200...240V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143T	TEFC	ECS101T2H1DF4	1725	EC2	16.71	35	89.3%	2.4	230	ECIN2A4P3	4.3	2, 37, 68
2	1800	4000	145T	TEFC	ECS101T2H2DF4	2004	EC2	16.71	41	90.7%	4.3	230	ECIN2A7P0	7	2, 37, 68
3	1800	4000	182T	TEFC	ECS101T2H3EF4	2267	EC2	22.25	66	92.8%	7.3	230	ECIN2A10P5	10.5	2, 68
5	1800	4000	184T	TEFC	ECS101T2H5EF4	2400	EC2	22.25	77	93.7%	10.5	230	ECIN2A10P5	10.5	2, 68
3-phase 380...480V AC (+/-10%) - 3 Phase 460V Output															
1	1800	4000	143T	TEFC	ECS101T4H1DF4	1725	EC2	16.71	35	89.3%	1.2	460	ECIN4A2P2	2.2	2, 37, 68
2	1800	4000	145T	TEFC	ECS101T4H2DF4	1883	EC2	16.71	41	90.7%	2.2	460	ECIN4A2P2	2.2	2, 37, 68
3	1800	4000	145T	TEFC	ECS101T4H3DF4	2254	EC2	16.71	47	91.4%	3.5	460	ECIN4A4P1	4.1	2, 68
3	1800	4000	182T	TEFC	ECS101T4H3EF4	2266	EC2	22.25	67	92.8%	3.7	460	ECIN4A4P1	4.1	2, 68
5	1800	4000	184T	TEFC	ECS101T4H5EF4	2400	EC2	22.25	77	93.7%	5.3	460	ECIN4A5P8	5.8	2, 37, 68
7 1/2	1800	4000	184T	TEFC	ECS101T4H7EF4	2988	EC2	23.76	106	94.0%	8.8	460	ECIN4A9P5	9.5	2, 37, 68
7 1/2	1800	3000	213T	TEFC	ECS101T4H7FF4	3208	EC2	18.1	111	94.7%	8.6	460	ECIN4A9P5	9.5	2, 68
10	1800	3000	215T	TEFC	ECS101T4H10FF4	3779	EC2	19.23	132	94.8%	11	460	ECIN4A12P0	12	2, 68
EC Titanium, Axial Mount Integrated Drive Motor, three phase, totally enclosed, 1 to 7 1/2 Hp															
1-phase 100V...115V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143T	TEFC	ECS101A1H1DB4	1753	EC3	16.71	36	89.3%	2.4	115	ECIN1A3P2	3.2	2, 37, 68
1-phase 200...240V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143T	TEFC	ECS101A8H1DB4	1753	EC3	16.71	35	89.3%	2.4	230	ECIN8A7P0	7	2, 37, 68
2	1800	4000	145T	TEFC	ECS101A8H2DB4	2032	EC3	16.71	41	90.7%	4.4	230	ECIN8A7P0	7	2, 37, 68
3-phase 200...240V AC (+/-10%) - 3 Phase 230V Output															
1	1800	4000	143T	TEFC	ECS101A2H1DB4	1753	EC3	16.71	35	89.3%	2.4	230	ECIN2A4P3	4.3	2, 37, 68
2	1800	4000	145T	TEFC	ECS101A2H2DB4	2032	EC3	16.71	41	90.7%	4.3	230	ECIN2A7P0	7	2, 37, 68
3	1800	4000	182T	TEFC	ECS101A2H3EB4	2295	EC3	22.25	66	92.8%	7.3	230	ECIN2A10P5	10.5	2, 68
5	1800	4000	184T	TEFC	ECS101A2H5EB4	2428	EC3	22.25	77	93.7%	10.5	230	ECIN2A10P5	10.5	2, 68
3-phase 380...480V AC (+/-10%) - 3 Phase 460V Output															
1	1800	4000	143T	TEFC	ECS101A4H1DB4	1753	EC3	16.71	35	89.3%	1.2	460	ECIN4A2P2	2.2	2, 37, 68
2	1800	4000	145T	TEFC	ECS101A4H2DB4	1911	EC3	16.71	41	90.7%	2.2	460	ECIN4A2P2	2.2	2, 37, 68
3	1800	4000	145T	TEFC	ECS101A4H3DB4	2282	EC3	16.71	47	91.4%	3.5	460	ECIN4A4P1	4.1	2, 37, 68
3	1800	4000	182T	TEFC	ECS101A4H3EB4	2295	EC3	22.25	67	92.8%	3.7	460	ECIN4A4P1	4.1	2, 68
5	1800	4000	184T	TEFC	ECS101A4H5EB4	2428	EC3	22.25	77	93.7%	5.3	460	ECIN4A5P8	5.8	2, 68
7 1/2	1800	4000	184T	TEFC	ECS101A4H7EB4	3016	EC3	23.76	106	94.0%	8.8	460	ECIN4A9P5	9.5	2, 68

(a) See notes on inside back flap. (b) Integrated Drive Model – available as a renewal parts replacement assembly

Red catalog number indicates **NEW** product.

For EC Titanium Mod Express®, contact your local sales office.

NEW!

For more information visit baldor.com or new.abb.com/motors-generators

NEW!

EC Titanium™ programming keypad and cable kits

Remote keypad **ECS100L**

- Designed for programming and control of the EC Titanium™.
- Kits comes with a 3-meter RJ45 cable



Copysticks **ECS100B**

- The COPYSTICK2 is used for fast and accurate repeat drive programming.
- Includes Bluetooth capability and communication status LED indication.
- LED indicators for parameter upload and download.
- Lock/Unlock function to prevent parameter overwrite.



RJ45 to USB Cable **ECS100U**

- PC Connection Kit, Isolated RJ45 to USB 3-meter Cable for ECM Software Tools.
- This kit is used when programming the drive with the PC Software Tools.
- High quality electrical separation between PC and Drive.
- Isolation voltage 2.5 vrms / 1 minute
- +/-15 kV ESD protection on RS485 pins
- Visual indicators (LED): 2 (Rx and Tx)
- Speed: up to 1 Mbps



Catalog Number	Description	List Price	Disc. Sym.	Ap'x Shpg. Wgt.
ECS100L	Remote Keypad	100	SVC	1
ECS100B	Copystick	220	SVC	1
ECS100U	RJ45 to USB Cable	445	SVC	1

Red catalog number indicates **NEW** product.

NEW!

For more information visit baldor.com or new.abb.com/motors-generators

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

RPM AC, Inverter Duty, three phase

5 thru 1000 Hp



Features:

- Power dense square laminated frame
- 1000:1 constant torque
- Class H, 40C, 1.0 SF
- 3 thermostats, one per phase
- For use on inverter only
- Induction and caged-IPM rotors

Applications:

- Extruders, conveyors, crane and hoist
- Web processing, process control, test stands
- Winders
- Centrifugal pumps and fans

Hp	Base Speed RPM	NEMA Frame	Enclosure	Catalog Number (b)	List Price	Disc. Sym.	Rotor Type	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes (a)
5	1800	FL1838C	TENV	IDNRPM18054C	3,776	RP4	Induction	18.37	143	230/460	7.2	90
7 1/2	1800	FL1852C	TENV	IDNRPM18074C	4,341	RP4	Induction	21.87	194	230/460	11	91
		FL1844C	TEFC	IDFRPM18104C	4,757	RP3	Induction	23.26	179	230/460	13.9	91
10	1800	FL1838	TEFC	IDCRPM18104	5,708	RP3	Caged-IPM	21.76	158	460	10	106
		FL2162C	TENV	IDNRPM21104C	5,140	RP4	Induction	23.11	280	230/460	13.6	91
		FL1844C	TEBC	IDBRPM18154C	4,658	RP2	Induction	25.33	180	460	21	92
15	1800	FL1844C	TEFC	IDCRPM18154	7,109	RP3	Caged-IPM	23.26	180	460	15	106
		FL2162C	TEFC	IDFRPM21154C	5,924	RP3	Induction	26.49	290	460	20	92
		FL1852C	TEBC	IDBRPM18204C	5,132	RP2	Induction	27.33	209	460	27	92
20	1800	FL1848	TEFC	IDCRPM18204	7,109	RP3	Caged-IPM	24.26	194	460	20	106
		FL2162C	TEFC	IDFRPM21204C	5,924	RP3	Induction	26.49	290	460	27	92
		FL2162C	TEBC	IDBRPM21254C	5,974	RP2	Induction	28.55	290	460	34	92
25	1800	FL1844C	DPG-FV	IDDRPM18254C	5,401	RP1	Induction	19.87	200	460	33	92
		FL2158	TEFC	IDCRPM21254	7,678	RP3	Caged-IPM	25.49	270	460	25	106
		FL2173C	TEFC	IDFRPM21254C	6,398	RP3	Induction	29.50	355	460	34	92
		FL2162C	TEBC	IDBRPM21304C	5,974	RP2	Induction	28.55	290	460	40	92
30	1800	FL1852C	DPG-FV	IDDRPM18304C	5,620	RP1	Induction	21.87	230	460	39	92
		FL2162C	TEFC	IDCRPM21304	8,081	RP3	Caged-IPM	26.49	290	460	30	106
		FL2570C	TEFC	IDFRPM25304C	6,734	RP3	Induction	29.79	475	460	39	92
		FL2173	TEBC	IDBRPM21404	6,601	RP2	Induction	31.31	355	460	51	93
40	1800	RL2162	DPG-FV	IDDRPM21404	6,547	RP1	Induction	23.12	305	460	52	93
		FL2562	TEFC	IDCRPM25404	8,790	RP3	Caged-IPM	27.79	410	460	40	106
		FL2586	TEFC	IDFRPM25404	7,325	RP3	Induction	33.79	605	460	51	93
		FL2570	TEBC	IDBRPM25504	7,361	RP2	Induction	31.85	475	460	65	93
50	1800	RL2168	DPG-FV	IDDRPM21504	8,813	RP1	Induction	24.62	345	460	62	93
		FL2570	TEFC	IDCRPM25504	12,000	RP3	Caged-IPM	29.79	475	460	50	106
		FL2882	TEFC	IDFRPM28504	12,511	RP3	Induction	34.59	720	460	64	93
	1200	RL2570	DPG-FV	IDDRPM25506	10,583	RP1	Induction	26.38	480	460	64	93
		FL2578	TEBC	IDBRPM25604	10,865	RP2	Induction	33.85	540	460	75	93
60	1800	FL2873	TEFC	IDCRPM28604	15,014	RP3	Caged-IPM	32.34	635	460	60	106
		RL2168	DPG-FV	IDDRPM21604	8,813	RP1	Induction	24.62	345	460	74	93
		FL2890	TEFC	IDFRPM28604	12,511	RP3	Induction	36.59	795	460	76	93
	1200	RL2578	DPG-FV	IDDRPM25606	12,832	RP1	Induction	28.38	545	460	73	93
		FL2586	TEBC	IDBRPM25754	12,977	RP2	Induction	35.85	605	460	95	93
75	1800	RL2570	DPG-FV	IDDRPM25754	10,583	RP1	Induction	26.38	480	460	95	93
		FL2882	TEFC	IDCRPM28754	17,397	RP3	Caged-IPM	34.59	720	460	75	106
		FL2898	TEFC	IDFRPM28754	14,947	RP3	Induction	38.59	880	460	94	93
	1200	RL2586	DPG-FV	IDDRPM25756	17,004	RP1	Induction	30.38	615	460	91	93
		FL2890	TEBC	IDBRPM281004R1	14,687	RP2	Induction	41.11	805	460	124	93
100	1800	FL2890	TEFC	IDCRPM281004	22,782	RP3	Caged-IPM	38.59	880	460	100	106
		RL2578	DPG-FV	IDDRPM251004	12,832	RP1	Induction	28.38	545	460	119	93
	1200	RL2882	DPG-FV	IDDRPM281006	18,985	RP1	Induction	31.14	770	460	124	93

(a) See notes on inside back flap.

(b) The "R1" suffix indicates the latest revision FL or RL from the previous L frame design

All TEBC and DPG-FV have integral blower rated 230/460 volts 3 phase. All TENV, TEFC and TEBC have top mounted conduit box. All DPG-FV are F1.

Encoder mounting provisions - include machined ODE bracket and shaft tapped for stub shaft.

For closed loop control see encoder feedback kits for use with ID-RPM AC motors.

For RPM AC Mod Express®, contact your local sales office.

RPM AC, Inverter Duty, three phase (continued)

Hp	Base Speed RPM	NEMA Frame	Enclosure	Catalog Number (b)	List Price	Disc. Sym.	Rotor Type	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes (a)
125	1800	FL2898	TEBC	IDBRPM281254	15,542	RP2	Induction	43.11	890	460	156	93
		FL2898	TEFC	IDCRPM281254	27,226	RP3	Caged-IPM	38.59	880	460	125	106
		RL2586	DPG-FV	IDDRPM251254	17,004	RP1	Induction	30.38	615	460	148	93
	1200	RL2898	DPG-FV	IDDRPM281256	24,751	RP1	Induction	35.14	930	460	150.9	93
150	1800	FL3203	TEBC	IDBRPM321504R1	21,768	RP2	Induction	55.13	1310	460	177	93
		RL2882	DPG-FV	IDDRPM281504	18,985	RP1	Induction	31.14	770	460	180	93
	1200	RL3203	DPG-FV	IDDRPM321506R1	29,124	RP1	Induction	39.88	1185	460	180	93
200	1800	FL3698	TEBC	IDBRPM362004R1	30,155	RP2	Induction	56.30	1950	460	227	93
		RL2898	DPG-FV	IDDRPM282004	24,751	RP1	Induction	35.14	930	460	237	93
	1200	RL3213	DPG-FV	IDDRPM322006R1	33,915	RP1	Induction	42.38	1325	460	236	93
250	1800	FL3614	TEBC	IDBRPM362504R1	32,217	RP2	Induction	43.47	2000	460	283	93
		RL3203	DPG-FV	IDDRPM322504R1	29,124	RP1	Induction	39.88	1185	460	295	93
	1200	RL3698	DPG-FV	IDDRPM362506R1	36,923	RP1	Induction	39.47	1680	460	289	93
300	1800	FL4034	TEBC	IDBRPM403004R1	40,338	RP2	Induction	65.46	2620	460	336	93
		RL3213	DPG-FV	IDDRPM323004R1	33,915	RP1	Induction	42.38	1325	460	350	93
	1200	RL3614	DPG-FV	IDDRPM363006R1	42,946	RP1	Induction	43.47	2000	460	360	93
350	1800	RL3698	DPG-FV	IDDRPM363504R1	36,923	RP1	Induction	39.47	1680	460	401	93
400	1800	RL3614	DPG-FV	IDDRPM364004R1	42,947	RP1	Induction	43.47	2000	460	477	93
		FL4440	TEBC	IDBRPM444004	61,911	RP2	Induction	78.57	3940	460	479	93
	1200	RL4034	DPG-FV	IDDRPM404006R1	56,693	RP1	Induction	48.62	2530	460	451	93
500	1800	FL4451	TEBC	IDBRPM445004	69,936	RP2	Induction	78.57	4260	460	591	93
		RL4022	DPG-FV	IDDRPM405004R1	49,818	RP1	Induction	45.62	2260	460	557	93
	1200	RL4461	DPG-FV	IDDRPM445006R1	108,101	RP1	Induction	63.61	3505	460	669	93
600	1800	RL4046	DPG-FV	IDDRPM406004R1	69,117	RP1	Induction	48.62	2530	460	666	93
700	1800	RL4058	DPG-FV	IDDRPM407004R1	72,570	RP1	Induction	54.62	3080	460	875	94
1000	1800	RL4461	DPG-FV	IDDRPM4410004R1	108,101	RP1	Induction	63.61	3505	460	1202	94

(a) See notes on inside back flap.

(b) The "R1" suffix indicates the latest revision FL or RL from the previous L frame design

All TEBC and DPG-FV have integral blower rated 230/460 volts 3 phase. All TENV, TEFC and TEBC have top mounted conduit box. All DPG-FV are F1.

Encoder mounting provisions - include machined ODE bracket and shaft tapped for stub shaft.

For closed loop control see encoder feedback kits for use with ID-RPM AC motors.

For RPM AC Mod Express®, contact your local sales office.

RPM AC, Vector Duty, three phase, totally enclosed

5 thru 200 Hp



Features:

- Power dense square laminated frame
- 1000:1 constant torque
- Class H, 40C, 1.0 SF
- 3 thermostats, one per phase
- Speed feedback device included (b)
- For use on inverter only
- Induction and salient pole-IPM rotors

Applications:

- Extruders, conveyors, crane and hoist, winders
- Web processing, process control, test stands
- Centrifugal pumps and fans

Hp	Base Speed RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	Rotor Type	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes (a)
5	1800	FL1838C	TENV	ZDNRPM18054C	5,863	RP4	Induction	17.87	143	230/460	7.2	90
7 1/2	1800	FL1852C	TENV	ZDNRPM18074C	6,428	RP4	Induction	21.87	194	230/460	11	91
		FL1844C	TEFC	ZDFRPM18104C	6,959	RP3	Induction	23.26	179	230/460	13.9	91
10	1800	FL1831C	TEBC	ZDPM18010C-BV	7,233	RP2	IPM	22.08	132	230/460	10.6	91
		FL2162C	TENV	ZDNRPM21104C	7,228	RP4	Induction	22.73	280	230/460	13.6	91
15	1800	FL1844C	TEBC	ZDBRPM18154C	6,744	RP2	Induction	25.33	180	460	21	92
		FL1838C	TEBC	ZDPM18015C-BV	7,315	RP2	IPM	22.71	158	460	16	92
		FL1852C	TEBC	ZDBRPM18204C	7,220	RP2	Induction	27.96	209	460	27	92
20	1800	FL1844C	TEBC	ZDPM18020C-BV	8,892	RP2	IPM	25.96	180	460	21.7	92
		FL2162C	TEFC	ZDFRPM21204C	8,508	RP3	Induction	28.55	290	460	27	92
25	1800	FL2173C	TEFC	ZDFRPM21254C	8,600	RP3	Induction	31.31	355	460	34	92
		FL1852C	TEBC	ZDPM18025C-BV	8,913	RP2	IPM	27.96	209	460	26.6	92
		FL2162C	TEBC	ZDBRPM21304C	8,062	RP2	Induction	28.55	290	460	40	92
30	1800	FL1852C	TEBC	ZDPM18030C-BV	8,913	RP2	IPM	27.96	209	460	32.3	92
		FL2570C	TEFC	ZDFRPM25304C	8,936	RP3	Induction	29.54	475	460	39	92
		FL2173	TEBC	ZDBRPM21404	8,489	RP2	Induction	31.31	355	460	51	93
40	1800	FL2162	TEBC	ZDPM21040-BV	9,339	RP2	IPM	28.55	290	460	43.2	93
		FL2586	TEFC	ZDFRPM25404	9,318	RP3	Induction	35.85	605	460	51	93
50	1800	FL2570	TEBC	ZDBRPM25504	9,250	RP2	Induction	31.85	475	460	65	93
		FL2168	TEBC	ZDPM21050-BV	9,674	RP2	IPM	30.06	325	460	53.4	93
60	1800	FL2578	TEBC	ZDBRPM25604	12,754	RP2	Induction	33.85	540	460	75	93
		FL2173	TEBC	ZDPM21060-BV	10,597	RP2	IPM	31.31	355	460	65.7	93
75	1800	FL2586	TEBC	ZDBRPM25754	14,865	RP2	Induction	35.85	605	460	95	93
		FL2578	TEBC	ZDPM25075-BV	17,411	RP2	IPM	33.85	540	460	81.8	93
100	1800	FL2890	TEBC	ZDBRPM281004R1	16,574	RP2	Induction	41.27	805	460	124	93
		FL2586	TEBC	ZDPM25100-BV	18,448	RP2	IPM	35.85	605	460	110.6	93
125	1800	FL2898	TEBC	ZDBRPM281254	17,431	RP2	Induction	43.27	890	460	156	93
		FL2882	TEBC	ZDPM28125-BV	19,486	RP2	IPM	39.27	730	460	137	93
150	1800	FL2890	TEBC	ZDPM28150-BV	20,523	RP2	IPM	41.27	805	460	168	93

(a) See notes on inside back flap.

(b) Induction motor feedback BEI HS35 1024PPR encoder, IPM motor feedback Dynapar HS25 resolver.

All TEBC have integral blower rated 230/460 volts 3 phase.

Continuous constant torque to zero speed

Encoder feedback kits

Includes all mounting hardware and mating connector.

The following kits for use with RPM AC motors on previous pages.

Catalog Number	Motor Enclosure	Manufacturer	Type	PPR	Frame Size	Mag or Optical	Conn Type	Input Voltage VDC	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
417077-136	TENV, DPFV	BEI	HS35	1024	FL180 - FL/RL440	0	MS-ST	5 - 15	1,442	SVC	5
417077-208TL	TENV, DPFV	BEI	HS35	1024	FL180 - FL/RL440	0	MS-TL	5 - 28	1,442	SVC	5
417077-153	TENV, DPFV	Dynapar	H20	1024	FL180 - FL/RL440	0	MS-ST	5 - 15	1,598	SVC	9
417077-156	TENV, DPFV	Dynapar	ST67	1024	FL180 - FL/RL440	M	Latch	5 - 15	2,367	SVC	9
417077-242TL	TENV, DPFV	Dynapar	HS35R	1024	FL180 - FL/RL440	0	MS-TL	5 - 26	1,442	SVC	6
417077-170	TENV, DPFV	Avtron	HS35M	1024	FL180 - FL/RL440	M	MS-ST	5 - 24	1,442	SVC	10
417077-133	TEFC	BEI	HS35	1024	FL180 - FL440	0	MS-ST	5 - 15	1,442	SVC	5
417077-165	TEBC	BEI	HS35	1024	FL180	0	MS-ST	5 - 15	1,442	SVC	10
417077-188	TEBC	BEI	HS35	1024	FL210	0	MS-ST	5 - 15	1,442	SVC	15
417077-189	TEBC	BEI	HS35	1024	FL250	0	MS-ST	5 - 15	1,442	SVC	15
417077-212TL	TEBC	BEI	HS35	1024	FL250	0	MS-TL	5 - 28	1,442	SVC	15
417077-213TL	TEBC	BEI	HS35	1024	FL280	0	MS-TL	5 - 28	1,442	SVC	15
417077-244	TEBC	BEI	HS35	1024	FL320 - FL440	0	MS-TL	5 - 28	1,442	SVC	5
417077-167	TEBC	Dynapar	H20	1024	FL180	0	MS-ST	5 - 15	1,598	SVC	10
417077-151	TEBC	Dynapar	H20	1024	FL210	0	MS-ST	5 - 15	2,060	SVC	20
417077-191	TEBC	Dynapar	H20	1024	FL250	0	MS-ST	5 - 15	2,060	SVC	20
417077-168	TEBC	Dynapar	ST67	1024	FL180	M	Latch	5 - 15	2,367	SVC	20
417077-192	TEBC	Dynapar	ST67	1024	FL210	M	Latch	5 - 15	2,367	SVC	20
417077-168	TEBC	Dynapar	ST67	1024	FL250	M	Latch	5 - 15	2,367	SVC	20
417077-206	TEBC	Dynapar	ST67	1024	FL280	M	Latch	5 - 15	2,367	SVC	20
417077-245	TEBC	Dynapar	ST67	1024	FL320 - FL440	M	Latch	5 - 15	2,250	SVC	9
417077-173	TEBC	Avtron	HS35M	1024	FL180	M	MS-ST	5 - 24	2,150	SVC	10
417077-182	TEBC	Avtron	HS35M	1024	FL210	M	MS-ST	5 - 24	2,150	SVC	15
417077-183	TEBC	Avtron	HS35M	1024	FL250	M	MS-ST	5 - 24	2,150	SVC	15
417077-205	TEBC	Avtron	HS35M	1024	FL280	M	MS-ST	5 - 24	2,150	SVC	15
417077-246	TEBC	Avtron	HS35M	1024	FL320 - FL440	M	MS-ST	5 - 24	2,150	SVC	10
417077-300	TENV, DPFV	Avtron	HS35M	2048	FL180 - FL/RL440	M	Latch	5-24V	2,595	SVC	5
417077-301	TEBC	Avtron	HS35M	2048	FL180	M	Latch	5-24V	3,420	SVC	13
417077-302	TEBC	Avtron	HS35M	2048	FL210	M	Latch	5-24V	3,420	SVC	15
417077-303	TEBC	Avtron	HS35M	2048	FL250	M	Latch	5-24V	3,420	SVC	15
417077-304	TEBC	Avtron	HS35M	2048	FL280	M	Latch	5-24V	3,420	SVC	15
417077-305	TEBC	Avtron	HS35M	2048	FL320	M	Latch	5-24V	3,220	SVC	5

Encoder feedback kits RPM AC designs

Catalog Number	Motor Enclosure	Type	Frame Size	Mfg.	Mag or Optical	Conn Type	Input Voltage VDC	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
417077-153	DPFV	H20	FL180-RL280 (2)	Dynapar	0	MS-ST	5-15	1,598	SVC	9
417708-85	DPFV	H20	L280-L400	Dynapar	0	MS-ST	5-15	1,598	SVC	5
417077-156	DPFV	RL67	FL180-RL280 (2)	Dynapar	M	Latch	5-15	2,060	SVC	9
417708-87	DPFV	RL67	L280-L400	Dynapar	M	Latch	5-15	2,060	SVC	6
417708-120	DPFV	RL67	L440	Dynapar	M	Latch	5-15	2,060	SVC	23

(1) Includes FL180, FL210, FL250, RL210, RL250, FL280, RL280, FDL11, FDL13, FDL16, FDL18, RDL13, RDL16 and RDL18.

(2) Includes FL180, RL210, RL250, RL280, FDL11, RDL13, RDL16 and RDL18

Encoder mounting kits – no encoder

Kit includes stub shaft only (no encoder)

Unmounted – for RPM AC motor frames FL180-L440

Encoder (reference)	Frame	Enclosure	Catalog Number	List Price	Disc. Sym.
BEI HS35 (1 inch dia.)	FL180-FL/RL250 (3)	DPFV,TENV,TEFC,TEBC (2)	417708-201	340	SVC
	FL/RL280 thru L400	DPFV & TEBC (2)	417708-202	340	SVC
	L440	DPFV & TEO-P/B	417708-203	340	SVC

(2) Note: encoder addition requires an extended blower cover on TEBC motors in all frames except L320.
Cover is included in complete kits only.

(3) Includes FL180, FL210, FL250, RL210, RL250

Encoder mounting kits – no encoder

Kit to include 5/8" dia. stub shaft and extended blower shroud when required

Catalog Number	Motor Enclosure	Type	Frame Size	Mfg.	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
417708-184	TENV, DPFV	HS35M	FL180 - FL/RL440	Avtron	687	SVC	3
417708-185	TEBC	HS35M	FL180	Avtron	796	SVC	11
417708-186	TEBC	HS35M	FL210	Avtron	801	SVC	13
417708-187	TEBC	HS35M	FL250	Avtron	882	SVC	13
417708-188	TEBC	HS35M	FL280	Avtron	868	SVC	13
417708-189	TEBC	HS35M	FL320-FL440	Avtron	594	SVC	3

RPM AC slide bases

Application: Used for adjustable belt tension on belted application not suitable for wall or ceiling mounting.

Frame	Catalog Number	List Price	Disc. Sym.	Dimension Sheet	Approx. Wt. (Lb.)
FL1831	419914-9A	469	SVC	609957-9	13
FL1838	419914-9B	469	SVC	609957-9	14
FL1844	419914-9C	469	SVC	609957-9	15
FL1852	419914-9D	469	SVC	609957-9	17
FL/RL2153	419914-10A	469	SVC	609957-10	39
FL/RL2158	419914-10B	469	SVC	609957-10	27
FL/RL2162	419914-10D	547	SVC	609957-10	48
FL/RL2168	419914-10L	547	SVC	609957-10	52
FL/RL2173	419914-10M	547	SVC	609957-10	28
FL/RL2570	419914-10G	547	SVC	609957-10	55
FL/RL2578	419914-10N	1,525	SVC	609957-10	58
FL/RL2586	419914-10P	1,485	SVC	609957-10	56
FL/RL/L2882	419914-10K	1,006	SVC	609957-10	80
FL/RL/L2890	419914-10R	1,006	SVC	609957-10	80
FL/RL/L2898	419914-10S	1,006	SVC	609957-10	90
FL/RL3203	419914-11P	1,110	SVC	609977-10	90
FL/RL3213	419914-11R	1,110	SVC	609977-10	90
UFL/URL3698	419914011M	1,300	SVC	609977-10	105
UFL/URL3614	419914-11N	1,300	SVC	609977-10	124
UFL/URL4034	419914011F	2,476	SVC	609977-10	132
UFL/URL4046	419914-11G	2,476	SVC	609977-10	141
UFL/URL4429	419914011H	4,672	SVC	609977-10	140
UFL/URL4440	419914011J	4,672	SVC	609977-10	150
UFL/URL4451	419914011K	4,672	SVC	609977-10	160
UFL/URL4461	419914011L	4,672	SVC	609977-10	165

Red catalog number indicates **NEW** product.

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

RPM AC filter kits

Application: For use with DPFV enclosures

Frame	Catalog Number	List Price	Disc. Sym.	Description	Approx. Wt. (Lb.)
FL180	417077-57	911	SVC	Washable Wire Mesh Canister Type	2
RL210	417077-59	911	SVC	Washable Wire Mesh Canister Type	4
RL250	417077-59	911	SVC	Washable Wire Mesh Canister Type	4
RL280	417077-59	911	SVC	Washable Wire Mesh Canister Type	4
RL320	417077-59	911	SVC	Washable Wire Mesh Canister Type	4
RL360	417077-102	1,165	SVC	Washable Wire Mesh Canister Type	6
RL400	417077-102	1,165	SVC	Washable Wire Mesh Canister Type	6
RL440	417077-124	1,893	SVC	Square Replaceable Polyester Type	18

RPM AC mounting conversion kits
for FL180 - FL/RL280 frames

Kits are for relocation of the conduit box of stock FL180 - FL/RL280 frame motors as noted.
Installation of this kit requires complete disassembly/reassembly of motor. Price is for kit only.

Frame	Catalog Number	List Price	Disc. Sym.	Enclosure	Relocate Conduit Box:
For FL180-FL280 frames					
FL180	417077-184	836	SVC	TENV, TEBC, TEFC	From Top to F-1 or F-2
FL180	417077-185	1,188	SVC	DPFV	From F-1 to F-2
FL210	417077-186	836	SVC	TENV, TEBC, TEFC	From Top to F-1 or F-2
FL250	417077-187	870	SVC	TENV, TEBC, TEFC	From Top to F-1 or F-2
FL280	417077-201	1,730	SVC	TENV, TEBC, TEFC	From Top to F-1 or F-2
For RL210-RL280 frames					
RL210	417077-130	695	SVC	DPFV	From F-1 to F-2
RL250	417077-131	875	SVC	DPFV	From F-1 to F-2
RL280	417077-202	875	SVC	DPFV	From F-1 to F-2

Replacement blower kits for DPG-FV RPM AC motors

Kit includes blower motor and shroud, blower wheel and all mounting hardware. Filter is not included.

DPFV Frame	Catalog Number	List Price	Disc. Sym.
RL210	417077-144	897	SVC
RL250	417077-145	1,753	SVC
RL280	419947-40	1,747	SVC
RL320	419947-43	1,944	SVC
RL360	419947-41	2,123	SVC
RL400	419947-42	2,324	SVC

Kit includes terminal box and blower motor only.

TEBC Frame	Catalog Number	List Price	Disc. Sym.
FL180 (3)	417077-143	897	SVC
FL210-250 (3)	417077-141	1,142	SVC

(3) Compact inline blower used on stock models (IP44 rating)

Red catalog number indicates **NEW** product.

Roller bearing kits for RPM AC motors

Catalog Number	Frame	Description	List	Disc. Sym.
418057-645	FL/RL280	Kit – Convert FL/RL280 to roller bearing	985	SVC
418057-786	FL/RL320	Kit – Convert FL/RL320 to roller bearing	972	SVC
418057-764	FL/RL360&400	Kit – Convert FL/RL360 & 400 to roller bearing	1,663	SVC
418057-501	FL/RL440	Kit – Convert FL/RL440 to roller bearing	2,766	SVC

Red catalog number indicates **NEW** product.

NEW!

For more information visit baldor.com or new.abb.com/motors-generators

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

V*S Master Inverter Duty motors, three phase, totally enclosed

1/3 thru 300 Hp



Features:

- TENV, TEFC and TEBC, 1000:1CT
- Provisions for encoder mounting
- 3 thermostats, one per phase
- Standard NEMA frame sizes

Applications:

- Extruders, conveyors, crane and hoist, winders
- Web processing, process control, test stands
- Centrifugal pumps and fans

Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/3	1800	2700	56C	TENV	IDVSNM3534	510	VS4	13.84	32	80	230/460	0.6	2, 48
			56C	TENV	IDNM3534	510	VS4	13.84	33	80	230/460	0.6	2, 8, 60,106
1/2	1800	2700	56C	TENV	IDVSNM3538	596	VS4	13.84	35	84	230/460	0.9	2, 48
			56C	TENV	IDNM3538	596	VS4	13.84	31	80	230/460	0.8	2, 8, 60,106
			56C	TENV	IDVSNM3538-5	596	VS4	13.84	31	84	575	0.6	2,48
			56C	TENV	IDVSNM3542	664	VS4	13.84	36	84	230/460	1.2	2, 48
3/4	1800	2700	56C	TENV	IDNM3542	664	VS4	13.84	33	78.5	230/460	1.4	2, 8, 60,106
			56C	TENV	IDVSNM3542-5	664	VS4	13.84	35	84	575	0.9	2,48
			56C	TENV	IDVSNM3546	1,079	VS4	14.84	45	87.5	230/460	1.5	2, 48
			56C	TENV	IDVSNM3546-5	1,079	VS4	14.84	45	87.5	575	1.2	2,48
1	1800	2700	143TC	TENV	IDVSNM3581T	1,354	VS4	14.65	58	85.5	230/460	1.5	2, 48
			143TC	TENV	IDNM3581T	1,354	VS4	14.65	58	85.5	230/460	1.5	2, 8, 60,106
			143TC	TENV	IDVSNM3581T-5	1,354	VS4	14.65	58	85.5	575	1.2	2, 48
			143TC	TEBC	IDM3581T	1,789	VS2	19.00	65	87.5	230/460	1.5	2, 8,106
	1200	2800	143TC	TEBC	IDM3581T-5	1,789	VS2	19.02	65	85.5	575	1.2	2, 8,106
			145TC	TENV	IDVSNM3582T	2,097	VS4	14.65	61	82.5	230/460	1.8	2, 48
			145TC	TEBC	IDM3582T	2,101	VS2	19.02	68	82.5	230/460	1.8	2, 8,106
			145TC	TENV	IDVSNM3584T-5	1,495	VS4	14.65	64	86.5	575	1.7	2, 48
1 1/2	1800	2700	145TC	TENV	IDVSNM3584T	1,495	VS4	14.65	64	82.5	230/460	2.1	2, 48
			145TC	TENV	IDNM3584T	1,495	VS4	14.65	58	84	230/460	2.3	2, 8, 60,106
			145TC	TEBC	IDM3584T	1,892	VS2	19.02	70	88.5	230/460	2.1	2, 8,106
			145TC	TEBC	IDM3584T-5	1,892	VS2	19.02	70	88.5	575	1.7	2, 8,106
	1200	1800	182TC	TEBC	IDM3667T	2,507	VS2	21.71	107	87.5	230/460	2.5	2, 8,106
			145TC	TENV	IDVSNM3587T-5	1,561	VS4	14.65	62	86.5	575	2.3	2, 48
			145TC	TENV	IDVSNM3587T	1,561	VS4	14.65	63	86.5	230/460	2.8	2, 48
			145TC	TEBC	IDM3587T	2,023	VS2	19.02	72	88.5	230/460	2.7	2, 8,106
2	1800	2700	145TC	TEBC	IDM3587T-5	2,023	VS2	19.02	73	88.5	575	2.3	2, 8,106
			145TC	TENV	IDNM3587T	1,561	VS4	14.65	67	86.5	230/460	2.8	2, 8, 60,106
			182TC	TENV	IDNM3669T	1,812	VS4	17.21	94	84	230/460	2.9	2, 8, 60,106
			184TC	TEBC	IDM3664T	2,427	VS2	21.71	124	88.5	230/460	3.2	2, 8,106
	1200	1800	182TC	TEFC	IDVSM3661T	1,724	VS3	20.23	105	89.5	230/460	4.1	2, 48
			182TC	TENV	IDVSNM3661T	2,046	VS4	17.85	111	89.5	230/460	4.3	2, 48
			184TC	TEBC	IDM3661T	2,046	VS2	21.71	111	89.5	230/460	4.1	2, 8,106
			184TC	TEBC	IDM3661T-5	2,046	VS2	21.71	112	89.5	575	3.3	2, 8,106
3	1800	2700	184TC	TENV	IDNM3661T-5	2,046	VS4	17.85	108	88.5	575	3.4	2,48
			184TC	TENV	IDNM3661T	2,046	VS4	17.21	108	88.5	230/460	4.2	2, 8, 60,106
	1200	1800	213TC	TEBC	IDM3764T	3,174	VS2	29.14	187	90.2	230/460	4.5	2, 8, 70,106

(a) See notes on inside back flap.

Cast iron frame

Continuous constant torque to zero speed

V*S Master Inverter Duty motors, three phase, totally enclosed (continued)

Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
5	1800	2700	L184TC	TEFC	IDVSM3665T	1,999	VS3	20.23	120	89.5	230/460	6.6	2, 48
			L184TC	TENV	IDVSNM3665T	2,281	VS4	17.85	124	89.5	230/460	6.6	2, 48
			184TC	TEFC	IDVSM3665T-5	1,999	VS3	20.23	118	90.2	575	5.2	2, 48
			184TC	TEBC	IDM3665T	2,734	VS2	21.71	124	90.2	230/460	6.5	2,8,106
			184TC	TEBC	IDM3665T-5	2,734	VS2	21.71	124	90.2	575	5.2	2, 8,106
			184TC	TENV	IDNM3665T-5	2,281	VS4	17.21	116	89.5	575	5.2	2,48
			184TC	TENV	IDNM3665T	2,281	VS4	17.21	116	89.5	230/460	6.6	2, 8, 60,106
			213TC	TENV	IDNM3767T	2,543	VS4	20.40	170	89.5	230/460	6.7	2, 8, 60,106
7 1/2	1800	2700	215TC	TEBC	IDM3768T	3,885	VS2	29.14	226	90.2	230/460	7.3	2, 8, 70,106
			213TC	TEFC	IDVSM3770T	2,572	VS3	24.59	180	91.7	230/460	9.5	2, 48
			L215TC	TENV	IDVSNM2237T	2,644	VS4	20.86	212	91.7	230/460	10.1	2, 48
			213TC	TEBC	IDM3770T	3,296	VS2	29.14	170	91.7	230/460	9.5	2, 8, 70,106
			213TC	TEBC	IDM3770T-5	3,296	VS2	30.07	170	91.7	575	7.5	2, 8, 70,106
			215TC	TENV	IDVSNM2237T-5	2,644	VS4	20.46	196	91.7	575	8.2	2,48
			254TC	TENV	IDNM2237T	3,163	VS4	24.05	242	90.2	230/460	9.1	2, 8, 60,106
			213TC	TENV	IDNM3770T	2,640	VS4	20.40	196	91.7	230/460	10.1	2, 8, 60,106
10	1800	2700	254TC	TEBC	IDM2276T	5,586	VS2	33.07	332	91	230/460	10.7	2, 8, 70,106
			L215TC	TEFC	IDVSM3774T	3,353	VS3	24.59	231	92.4	230/460	12.5	2, 48
			254TC	TENV	IDVSNM2238T	3,627	VS4	24.05	305	91.7	230/460	13	2, 48
			215TC	TEBC	IDM3774T	3,531	VS2	29.14	231	92.4	230/460	12.5	2, 8, 70,106
			215TC	TEBC	IDM3774T-5	3,531	VS2	30.07	231	92.4	575	10	2, 8, 70,106
			215TC	TEFC	IDVSM3774T-5	3,353	VS3	24.59	231	92.4	575	10	2,48
			256TC	TENV	IDNM2238T	3,627	VS4	24.05	286	91.7	230/460	13	2, 8, 60,106
			256TC	TEBC	IDM2332T	6,825	VS2	33.07	352	91.7	230/460	14.2	2, 8, 70,106
15	1800	2700	254TC	TEFC	IDVSM2333T	3,901	VS3	26.71	291	92.4	230/460	18	2, 48
			256TC	TENV	IDVSNM2333T	4,362	VS4	24.05	284	93.6	230/460	18.5	2, 48
			256TC	TEBC	IDM2333T	3,838	VS2	33.07	318	92.4	230/460	18.1	2, 8, 70,106
			256TC	TEBC	IDM2333T-5	3,838	VS2	34.15	318	92.4	575	14.5	2, 8, 70,106
			256TC	TENV	IDVSNM2333T-5	4,362	VS4	24.05	284	93.6	575	14.8	2,48
			254TC	TENV	IDNM2333T	4,362	VS4	24.05	286	93.6	230/460	18.5	2, 8, 60,106
			284T	TEBC	IDM4100T	8,091	VS2	36.48	450	93	230/460	19.7	2, 8, 45, 70,106
			256TC	TEFC	IDVSM2334T	4,229	VS3	26.71	321	93	230/460	24	2, 48
20	1800	2700	256TC	TEBC	IDM2334T	4,099	VS2	33.07	333	93	230/460	24	2, 8, 70,106
			256TC	TEBC	IDM2334T-5	4,099	VS2	34.15	333	93	575	19	2, 8, 70,106
			256TC	TEFC	IDVSM2334T-5	4,229	VS3	26.71	321	93	575	19.2	2,48
			284T	TENV	IDNM2334T	4,710	VS4	27.36	406	94.5	230/460	25.5	2, 8, 45, 60,106
			286T	TEBC	IDM4102T	9,109	VS2	36.48	455	93	230/460	26	2, 8, 45, 70,106
			284TC	TEFC	IDVSM4103T	5,370	VS3	30.42	446	93.6	230/460	30	2, 48
			286T	TEBC	IDM4103T	5,055	VS2	36.48	417	93.6	230/460	30	2, 8, 45, 70,106
			324T	TEBC	IDM4111T	10,381	VS2	39.24	557	93	230/460	32	2, 8, 45, 70,106
30	1800	2700	286TC	TEFC	IDVSM4104T	5,867	VS3	30.42	457	94.1	230/460	36	2, 48
			286T	TEBC	IDM4104T	5,798	VS2	36.48	464	93.6	230/460	38	2, 8, 45, 70,106
			326T	TEBC	IDM4117T	11,554	VS2	39.24	628	93	230/460	39	2, 8, 45, 70,106
			324T	TEFC	IDVSM4110T	6,768	VS3	30.44	619	94.1	230/460	50	2, 48
40	1800	2700	324T	TEBC	IDM4110T	7,840	VS2	39.24	605	94.5	230/460	47	2, 8, 45, 70,106
			326T	TEFC	IDVSM4115T	8,272	VS3	30.28	670	94.5	230/460	60	2, 48
50	1800	2700	326T	TEBC	IDM4115T	8,799	VS2	39.24	622	94.5	230/460	57	2, 8, 45, 70,106
60	1800	2700	364T	TEFC	IDVSM4314T	10,246	VS3	33.44	869	94.2	230/460	71.2	2, 48
75	1800	2700	365T	TEFC	IDVSM4316T	12,833	VS3	33.44	873	94.3	230/460	89.2	2, 48
100	1800	2700	405T	TEFC	IDVSM4400T-4	16,585	VS3	38.31	1218	94.1	460	115	2, 48
125	1800	2700	444T	TEFC	IDVSM4410T-4	20,587	VS3	44.62	1637	94.1	460	150	2, 48
150	1800	2700	445T	TEFC	IDVSM4406T-4	24,569	VS3	44.62	1789	95	460	177	2, 48
200	1800	2700	447T	TEFC	IDVSM4407T-4	29,111	VS3	48.40	2189	95.4	460	226	2, 48
250	1800	2700	449T	TEFC	IDVSM4408T-4	41,144	VS3	53.40	2511	95.8	460	277	2, 48
300	1800	2700	449T	TEFC	IDVSM44304T-4	41,144	VS3	53.40	2816	96.2	460	338	2, 48

(a) See notes on inside back flap.

Cast iron frame

Continuous constant torque to zero speed

V*S Master Vector Duty, three phase, totally enclosed

1/2 thru 300 Hp



Features:

- TENV & TEFC, 1000:1CT without blower
- HS35 Encoder, 1024 PPR unless Note 107 (HS25) is indicated below
- 3 thermostats, one per phase
- Standard NEMA frame sizes

Applications:

- Extruders, conveyors, crane and hoist, winders
- Web processing, process control, test stands
- Centrifugal pumps and fans

Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)		
1/2	1800	2700	56C	TENV	ZDVSNM3538	2,200	VS4	13.84	37	84	230/460	0.9	2, 46, 48, 107		
3/4	1800	2700	56C	TENV	ZDVSNM3542	2,267	VS4	13.84	38	82.5	230/460	1.1	2, 46, 48, 107		
1	1800	2700	145TC	TENV	ZDVSNM3581T	2,958	VS4	14.65	59	85.5	230/460	1.5	2, 46, 48, 107		
			143TC	TEBC	ZDM3581T	3,390	VS2	19.02	66	87.5	230/460	1.5	2, 8, 46, 60, 106, 107		
			143TC	TEBC	ZDM3581T-5	3,390	VS2	19.02	65	85.5	575	1.2	2, 8, 46, 106, 107		
			143TC	TENV	ZDNM3581T	2,958	VS4	14.65	59	85.5	230/460	1.5	2, 8, 46, 106, 107		
			1200	1800	143TC	TEBC	ZDM3582T	3,702	VS2	19.02	62	82.5	230/460	1.8	2, 8, 46, 106, 107
1 1/2	1800	2700	145TC	TENV	ZDVSNM3584T	3,096	VS4	14.65	70	86.5	230/460	2.1	2, 46, 48, 107		
			145TC	TEBC	ZDM3584T	3,494	VS2	19.02	70	88.5	230/460	2.1	2, 8, 46, 60, 106, 107		
			145TC	TEBC	ZDM3584T-5	3,494	VS2	19.02	62	87.5	575	1.7	2, 8, 46, 106, 107		
			145TC	TENV	ZDNM3584T	3,096	VS4	14.65	58	84	230/460	2.3	2, 8, 46, 106, 107		
			1200	1800	182TC	TEBC	ZDM3667T	3,964	VS2	21.71	99	87.5	230/460	2.5	2, 8, 46, 106, 107
2	1800	2700	145TC	TENV	ZDVSNM3587T	3,414	VS4	14.65	66	86.5	230/460	2.8	2, 46, 48, 107		
			145TC	TEBC	ZDM3587T	3,623	VS2	19.02	75	88.5	230/460	2.8	2, 8, 46, 106, 107		
			145TC	TEBC	ZDM3587T-5	3,623	VS2	19.02	74	88.5	575	2.3	2, 8, 46, 106, 107		
			182TC	TENV	ZDNM3669T	3,414	VS4	17.21	95	84	230/460	2.9	2, 8, 46, 60, 106, 107		
			1200	1800	184TC	TEBC	ZDM3664T	4,030	VS2	21.71	113	88.5	230/460	3.2	2, 8, 46, 106, 107
3	1800	2700	182TC	TEFC	ZDVSM3661T	3,613	VS3	20.23	118	89.5	230/460	4.1	2, 46, 48		
			182TC	TENV	ZDVSNM3661T	3,663	VS4	17.85	111	89.5	230/460	4.3	2, 46, 48		
			182TC	TEBC	ZDM3661T	4,187	VS2	21.71	112	89.5	230/460	4.1	2, 8, 46, 106, 107		
			182TC	TEBC	ZDM3661T-5	4,187	VS2	21.71	110	89.5	575	3.2	2, 8, 46, 106, 107		
			184TC	TENV	ZDNM3661T	3,649	VS4	17.21	104	88.5	230/460	4.2	2, 8, 46, 60, 106, 107		
5	1800	2700	213TC	TEBC	ZDM3764T	4,775	VS2	29.14	187	90.2	230/460	4.5	2, 8, 46, 70, 106, 107		
			L184TC	TEFC	ZDVSM3665T	3,886	VS3	20.23	129	89.5	230/460	6.6	2, 46, 48		
			L184TC	TENV	ZDVSNM3665T	3,943	VS4	17.85	124	89.5	230/460	6.6	2, 46, 48		
			184TC	TEBC	ZDM3665T	4,335	VS2	21.71	125	90.2	230/460	6.5	2, 8, 46, 106, 107		
			184TC	TEBC	ZDM3665T-5	4,335	VS2	21.71	125	90.2	575	5.2	2, 8, 46, 106, 107		
7 1/2	1800	2700	213TC	TENV	ZDNM3767T	4,145	VS4	20.40	173	91	230/460	6.7	2, 8, 46, 60, 106, 107		
			1200	1800	215TC	TEBC	ZDM3768T	5,488	VS2	29.14	226	90.2	230/460	7.3	2, 8, 46, 70, 106, 107
			213TC	TEFC	ZDVSM3770T	4,459	VS3	24.59	184	91.7	230/460	9.5	2, 46, 48		
			L215TC	TENV	ZDVSNM2237T	4,531	VS4	20.86	211	91.7	230/460	10.1	2, 46, 48		
			213TC	TEBC	ZDM3770T	4,897	VS2	29.14	170	91.7	230/460	9.5	2, 8, 46, 70, 106, 107		
10	1800	2700	213TC	TEBC	ZDM3770T-5	4,897	VS2	30.07	170	91.7	575	7.5	2, 8, 46, 70, 106, 107		
			256TC	TENV	ZDNM2237T	4,766	VS4	24.05	242	90.2	230/460	9.1	2, 8, 46, 60, 106		
			1200	1800	254TC	TEBC	ZDM2276T	7,188	VS2	33.07	333	91	230/460	10.7	2, 8, 46, 70, 106
			L215TC	TEFC	ZDVSM3774T	5,241	VS3	24.59	210	92.4	230/460	12.5	2, 46, 48		
			254TC	TENV	ZDVSNM2238T	5,515	VS4	24.05	325	91.7	230/460	13	2, 46, 48		
10	1800	2700	215TC	TEBC	ZDM3774T	5,131	VS2	29.14	231	92.4	230/460	12.5	2, 8, 46, 70, 106		
			215TC	TEBC	ZDM3774T-5	5,131	VS2	30.07	231	92.4	575	10	2, 8, 46, 70, 106, 107		
			256TC	TENV	ZDNM2238T	5,515	VS4	24.05	284	91.7	230/460	13	2, 8, 46, 60, 106, 107		
			1200	1800	256TC	TEBC	ZDM2332T	8,425	VS2	33.07	356	91.7	230/460	14.2	2, 8, 46, 70, 106

(a) See notes on inside back flap.

Cast iron frame

Continuous constant torque to zero speed

V*S Master Vector Duty, three phase, totally enclosed (continued)

Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
15	1800	2700	254TC	TEFC	ZDVSM2333T	5,789	VS3	26.83	295	92.4	230/460	18	2, 46, 48
			256TC	TENV	ZDVSNM2333T	6,251	VS4	24.05	348	93.6	230/460	18.5	2, 46, 48
			256TC	TEBC	ZDM2333T	5,440	VS2	33.07	317	92.4	230/460	18.1	2, 8, 46, 70, 106
			256TC	TEBC	ZDM2333T-5	5,440	VS2	34.15	289	92.4	575	14.5	2, 8, 46, 70, 106
			254TC	TENV	ZDNM2333T	6,251	VS4	24.05	286	92.4	230/460	18.5	2, 8, 46, 60, 106
20	1800	2700	284T	TEBC	ZDM4100T	9,691	VS2	36.48	445	93	230/460	19.7	2, 8, 45, 46, 70, 106
			256TC	TEFC	ZDVSM2334T	6,117	VS3	26.83	317	93	230/460	24	2, 46, 48
			256TC	TEBC	ZDM2334T	5,703	VS2	33.07	342	93	230/460	24	2, 8, 46, 70, 106
			256TC	TEBC	ZDM2334T-5	5,703	VS2	34.15	340	93	575	19	2, 8, 46, 70, 106
			284T	TENV	ZDNM2334T	6,313	VS4	27.36	405	94.5	230/460	25.5	2, 8, 45, 46, 60, 106
25	1800	2700	286T	TEBC	ZDM4102T	10,713	VS2	36.48	462	93	230/460	26	2, 8, 45, 46, 70, 106
			284TC	TEFC	ZDVSM4103T	7,257	VS3	30.42	458	93.6	230/460	30	2, 46, 48
			284T	TEBC	ZDM4103T	6,655	VS2	36.48	416	93.6	230/460	30	2, 8, 45, 46, 70, 106
			324T	TEBC	ZDM4111T	11,985	VS2	38.92	615	93	230/460	32	2, 8, 45, 46, 70, 106
			286TC	TEFC	ZDVSM4104T	7,754	VS3	30.42	472	94.1	230/460	36	2, 46, 48
30	1800	2700	286T	TEBC	ZDM4104T	7,402	VS2	36.48	445	93.6	230/460	38	2, 8, 45, 46, 70, 106
			326T	TEBC	ZDM4117T	13,156	VS2	38.92	624	93	230/460	39	2, 8, 45, 46, 70, 106
40	1800	2700	324T	TEFC	ZDVSM4110T	8,656	VS3	33.14	716	94.1	230/460	50	2, 46, 48
			324T	TEBC	ZDM4110T	9,441	VS2	38.92	610	94.5	230/460	47	2, 8, 45, 46, 70, 106
50	1800	2700	326T	TEFC	ZDVSM4115T	10,159	VS3	33.14	721	94.5	230/460	60	2, 46, 48
			326T	TEBC	ZDM4115T	10,402	VS2	38.92	631	94.5	230/460	57	2, 8, 45, 46, 70, 106
60	1800	2700	364T	TEFC	ZDVSM4314T	12,134	VS3	33.44	907	94.2	230/460	71.2	2, 46, 48
75	1800	2700	365T	TEFC	ZDVSM4316T	14,721	VS3	33.44	944	94.3	230/460	89.2	2, 46, 48
100	1800	2700	405T	TEFC	ZDVSM4400T-4	18,473	VS3	38.31	1230	94.1	460	115	2, 46, 48
125	1800	2700	444T	TEFC	ZDVSM4410T-4	22,474	VS3	49.07	1667	94.1	460	150	2, 46, 48
150	1800	2700	445T	TEFC	ZDVSM4406T-4	26,456	VS3	49.07	1806	95	460	177	2, 46, 48
200	1800	2700	447T	TEFC	ZDVSM4407T-4	30,999	VS3	52.36	2203	95.4	460	226	2, 46, 48
250	1800	2700	449T	TEFC	ZDVSM4408T-4	43,032	VS3	57.56	2550	95.8	460	277	2, 46, 48
300	1800	2700	449T	TEFC	ZDVSM44304T-4	43,032	VS3	57.56	2817	96.2	460	338	2, 46, 48

(a) See notes on inside back flap.

■ Cast iron frame

Continuous constant torque to zero speed

V*S Master severe duty vector drive, three phase, totally enclosed

1 thru 50 Hp



Features:

- Designed for harsh, severe duty environments
- TENV & TEFC, 1000:1CT without blower
- HS25 encoder (1 to 2 Hp) or HSD38 encoder (3 Hp and up), 1024 PPR
- 3 thermostats, one per phase
- Standard NEMA frame sizes

Applications:

- Extruders, conveyors, crane and hoist, winders
- Web processing, process control, test stands
- Centrifugal pumps and fans

Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	1800	2700	143TC	TENV	ZDVSNC3581T	3,106	VS4	14.61	65	87.5	230/460	1.5	2, 46, 48
1 1/2	1800	2700	145TC	TENV	ZDVSNC3584T	3,245	VS4	14.61	72	86.5	230/460	2.1	2, 46, 48
2	1800	2700	145TC	TENV	ZDVSNC3587T	3,563	VS4	14.61	73	86.5	230/460	2.8	2, 46, 48
3	1800	2700	182TC	TEFC	ZDVSCP3661T	4,019	VS3	20.23	135	89.5	230/460	4.1	2, 46, 48
5	1800	2700	L184TC	TEFC	ZDVSCP3665T	4,361	VS3	20.23	128	89.5	230/460	6.6	2, 46, 48
7 1/2	1800	2700	213TC	TEFC	ZDVSCP3770T	5,052	VS3	24.58	201	91.7	230/460	9.5	2, 46, 48
10	1800	2700	L215TC	TEFC	ZDVSCP3774T	5,529	VS3	24.58	218	92.4	230/460	12.5	2, 46, 48
15	1800	2700	254TC	TEFC	ZDVSCP2333T	6,614	VS3	28.14	374	92.4	230/460	18	2, 46, 48
20	1800	2700	256TC	TEFC	ZDVSCP2334T	7,024	VS3	28.14	388	93	230/460	24	2, 46, 48
25	1800	2700	284TC	TEFC	ZDVSCP4103T	8,402	VS3	30.79	481	93.6	230/460	30	2, 46, 48
30	1800	2700	286TC	TEFC	ZDVSCP4104T	9,023	VS3	30.79	494	94.1	230/460	36	2, 46, 48
40	1800	2700	324T	TEFC	ZDVSCP4110T	10,348	VS3	33.14	762	94.1	230/460	50	2, 46, 48
50	1800	2700	326T	TEFC	ZDVSCP4115T	12,228	VS3	33.14	757	94.5	230/460	60	2, 46, 48

(a) See notes on inside back flap.

Continuous constant torque to zero speed

Cast iron frame

V*S Master encoder feedback kits for IDVSM and IDVSNM motors

Encoder kits below feature 1024 pulses per revolution unless otherwise noted in the encoder type column. Connector styles include the MS twist lock (MS-TL), military style 10 pin screw tight (MS-ST), and the EPIC latch style (EPIC). HS35, RAHS35M and HSD35 feature hollow shaft mounting. Encoder kits include the encoder and all mounting hardware. IDVSM & IDVSNM kits include the mating connector.

Catalog Number	Motor Enclosure	Type	PPR	Frame Size	Mfg.	Mag or Optical	Conn Type	Input Voltage VDC	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
K99G72	TENV	HS35	1024	180T-250T	BEI	O	MS-ST	5-15	1,442	SVC	6
K99G74	TENV	HS35-2048	2048	180T-250T	BEI	O	MS-ST	5-15	1,442	SVC	6
K99G76	TENV	HS35	1024	180T-250T	BEI	O	MS-ST	5-24	1,442	SVC	6
K99G70	TENV	RAHS35M	1024	180T-250T	Avtron	M	MS-ST	5-24	1,442	SVC	9
K99G82	TENV	HS35R	1024	180T-250T	Dynapar	O	MS-TL	5-26	2,183	SVC	6
K99G78	TENV	HSD35	1024	180T-250T	Northstar	O	EPIC	5-26	1,622	SVC	8
K99G80	TENV	HS35	1024	180T-250T	BEI	O	MS-TL	5-28	1,442	SVC	6
K99G73	TEFC	HS35	1024	180T-440T	BEI	O	MS-ST	5-15	1,442	SVC	6
K99G75	TEFC	HS35-2048	2048	180T-440T	BEI	O	MS-ST	5-24	1,442	SVC	6
K99G77	TEFC	HS35	1024	180T-440T	BEI	O	MS-ST	5-24	1,442	SVC	6
K99G71	TEFC	RAHS35M	1024	180T-440T	Avtron	M	MS-ST	5-24	1,442	SVC	9
K99G83	TEFC	HS35R	1024	180T-440T	Dynapar	O	MS-TL	5-26	2,183	SVC	6
K99G79	TEFC	HSD35	1024	180T-440T	Northstar	O	EPIC	5-26	1,622	SVC	8
K99G81	TEFC	HS35	1024	180T-440T	BEI	O	MS-TL	5-28	1,442	SVC	6

Note: For 56 and 140 IDVSNM frame sizes use the kits from the IDM product table.

Feedback cable assembly with MS connector



Features:

- Cables with MS twist lock connectors
- Various lengths
- Twisted pair shielded for electrical noise protection

Applications:

- For any MS twist lock encoder connector
- AC or DC motor applications

Catalog Number	Cable Extension Length	List Price	Disc. Sym.	Ap'x Shpg. Wgt.
CBL015ZD-2	5 Ft = 1.5 Meters	198	SVC	1
CBL030ZD-2	10 Ft = 3 Meters	230	SVC	1
CBL046ZD-2	15 Ft = 4.6 Meters	263	SVC	2
CBL061ZD-2	20 Ft = 6.1 Meters	291	SVC	2
CBL091ZD-2	30 Ft = 9.1 Meters	355	SVC	3
CBL152ZD-2	50 Ft = 15.2 Meters	477	SVC	6
CBL229ZD-2	75 Ft = 22.9 Meters	632	SVC	8
CBL305ZD-2	100 Ft = 30.5 Meters	787	SVC	8
CBL455ZD-2	150 Ft = 45.5 Meters	1,023	SVC	15
CBL606ZD-2	200 Ft = 60.6 Meters	1,407	SVC	16

Connector transition (patch) cables

MS Twist Lock (MS-TL) to MS Screw Tight (MS-ST)

MS Screw Tight (MS-ST) to MS Twist Lock (MS-TL)



Features:

- Transition from MS twist-lock (female) to MS screw-tight (male)
- Transition from MS screw-tight (female) to MS twist-lock (male)
- 10 pin connector style

Applications:

- MS-ST to MS-TL compatible with stock cable lengths up to 200 feet

Catalog Number	Type	List Price	Disc. Sym.	Ap'x Shpg. Wgt.
CBLTL2ST	MS-TL to MS-ST	400	SVC	2
CBLST2TL	MS-ST to MS-TL	400	SVC	2

Encoder feedback kits for IDM, IDNM and IDWNM motors



ENC00NV-B1



ENC02BC-B2

Does not fit some legacy 180-440 EM, CP or ECP motors.
Contact your local sales office.

Features:

- 1024 Encoder with MS twist lock connector
- HS35, HS35M, HS35R and HS25

Applications:

- For IDM, IDNM and IDWNM motors

Catalog Number	Type Enclosure	Description	Magnetic or Optical	Connector Type	Input Voltage	Output Voltage Limited	NEMA Frame	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
ENC00NV-A2	TENV	HS35M Avtron	Magnetic	TL	5-24 VDC	24	213T-215T	1,442	SVC	1
ENC00NV-B1	TENV	HS25 BEI	Optical	TL	5-15 VDC	15	56-215T	1,442	SVC	2
ENC00NV-D2	TENV	HS35R Dynapar	Optical	TL	5-26 VDC	26	56-215T	2,158	SVC	4
ENC00NV-D1 (1)	TENV	HS35 Dynapar	Optical	TL	5-24 VDC	5	56-215T	1,622	SVC	4
ENC01BC-B1	TEBC	HS25 BEI	Optical	TL	5-15 VDC	15	143T-215T	1,442	SVC	3
ENC01BC-D2	TEBC	HS35R Dynapar	Optical	TL	5-26 VDC	26	56-215T	2,158	SVC	4
ENC01NV-A2	TENV	HS35M Avtron	Magnetic	TL	5-24 VDC	24	254T-256T	1,442	SVC	1
ENC01NV-B2	TENV	HS35 BEI	Optical	TL	5-15 VDC	15	254T-284T	1,442	SVC	2
ENC01NV-D2	TENV	HS35R Dynapar	Optical	TL	5-26 VDC	26	254T-256T	2,158	SVC	4
ENC02BC-A2	TEBC	HS35M Avtron	Magnetic	TL	5-24 VDC	24	254T-447T	1,442	SVC	1
ENC02BC-B2	TEBC	HS35 BEI	Optical	TL	5-15 VDC	15	254T-447T	1,631	SVC	2
ENC02BC-D2	TEBC	HS35R Dynapar	Optical	TL	5-26 VDC	26	254T-447T	1,622	SVC	4

Note: For 56 and 140 IDVSM frame sizes use the kits from the table above.

(1) Being phased out

Constant velocity blower cooling conversion kits



Does not fit some legacy 180-440 EM, CP or ECP motors.
Contact your local sales office.

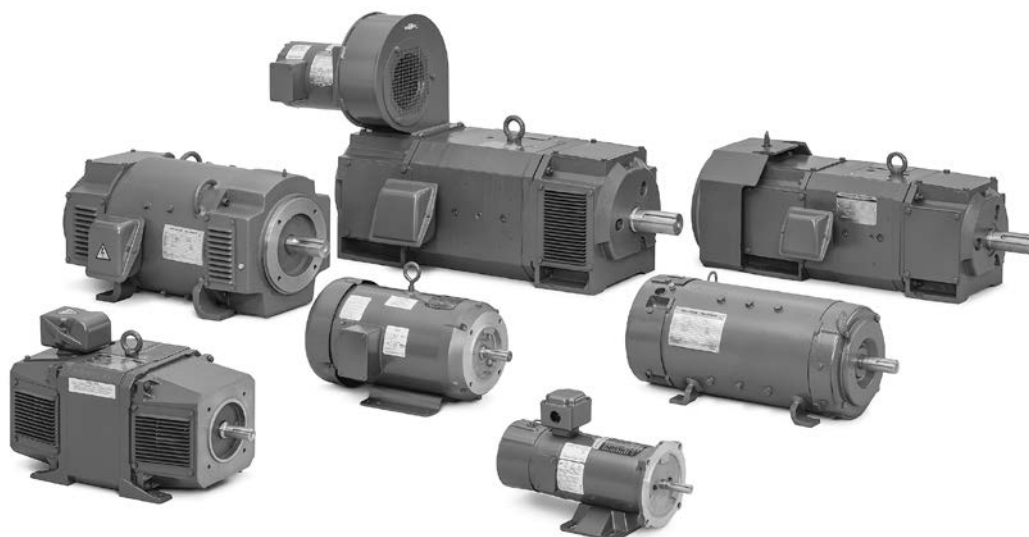
- Features:**
 - Convert TENV & TEFC to TEBC
- Applications:**
 - Not suitable for some EM, CP or ECP motors

Voltage	Phase	NEMA Frame	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
115	1	143TC-145TC	BLWL05-L	814	SVC	7
		182TC-184TC	BLWL06-L	917	SVC	8
		213TC-215TC	BLWL07-L	1,750	SVC	21
		254TC-256TC	BLWL09-L	1,825	SVC	28
		284TC-286TC	BLWL10-L	1,850	SVC	35
		324TC-326TC	BLWL12-L	1,850	SVC	46
		364TC-365TC	BLWL14-L	1,850	SVC	55
230/380/460	3	213TC-215TC	BLWM07-F	1,160	SVC	20
		254TC-256TC	BLWM09-F	1,160	SVC	30
		284TC-286TC	BLWM10-F	1,160	SVC	35
		324TC-326TC	BLWM12-F	1,260	SVC	46
		364TC-365TC	BLWM14-F	1,260	SVC	55
		404TC-405TC	BLWM16-F	1,704	SVC	70
		444TC-447TC	BLWM18-F	2,387	SVC	87

Note: Blower cooling conversion kits should be further selected by Baldor-Reliance® motor type as noted within the catalog number. As an example: BLWM10-F fits a 310M type also built as a 324-326TC. Does not fit Athens-built 180-440 M, CP or ECP motors.

DC motors and controls

Available in round frame and unique laminated square frames, Baldor-Reliance® DC motors offer performance and reliability in tough applications. Round frame DC motors utilize permanent magnet technology optimizing the commutator, brushes, and inertia to assure the best performance possible. Wound field motors are designed with superior commutation through the speed range to ensure trouble-free operation and the insulation system is designed with extra margin of safety to eliminate performance-limiting hot spots.



Key features:

- Designed specifically for rectified DC power operation

1/4 - 500 Horsepower

Product line – DPG-FV, TEFC, TENV, XP, SPG enclosures	Fractional Shunt DC	DC PM	SCR Round	RPM III
Frame sizes	56C - 1810ATC	56C - 1810ATC	L186ATC - 5011AT	DC189ATY - C4414ATZ
Electrical features				
High performance molded commutator construction	–	–	–	S
Reduced VOC emission resins and paints for a green environment	S	S	S	S
Extensive full load testing to ensure delivered reliability/performance	S	S	S	S
Low rotating assembly inertia for high dynamic performance	S	S	S	S
Explosion proof products for hazardous duty environments	S	S	–	S
Motors suitable for IEEE 45 shipboard applications	S	S	S	S
Wide voltage ranges – 12 volts DC to 600 volts DC	S	S	S	S
Mechanical features				
Laminated frame construction for superior commutation performance	–	–	–	S
Skewed armature construction with no cogging at low speeds	–	–	–	S
NEMA or IEC mounting for ease interchangeability	–	–	–	S
Washdown products for food industry applications	S	S	–	–
Permanent magnet DC products with built in feedback devices	–	S	–	–
Versatile foot mounting for retrofitting non Baldor-Reliance® products	S	S	S	–

S = Standard

SCR drive fractional permanent magnet motor, TENV and TEFC, C-Face with base 1/4 thru 5 Hp



Features:

- NEMA C-Face with removable base
- Tachometer adaptable
- Class F insulation
- Double sealed bearings
- 20:1 constant torque speed range
- UL and CSA recognized

Applications:

- Conveyors
- Mixers
- Packaging machinery

Hp	Base Speed	NEMA Frame	Voltage D.C. Arm.	Full Load Amperage Arm.	Enclosure	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	Reliance M/N	Notes (a)
1/4	1750	56C	90	2.5	TENV	CDP3310	716	PMS	24	TK3300	20,60
			180	1.25	TENV	CDP3306	716	PMS	23	TK3300	20,60
1/3	1750	56C	90	3.2	TENV	CDP3320	845	PMS	27	TK3300	20,60
			180	1.6	TENV	CDP3316	755	PMS	27	TK3300	20,60
1/2	1750	56C	90	4.8	TENV	CDP3330	845	PMS	32	TK3300	20,60
			180	2.5	TENV	CDP3326	845	PMS	31	TK3300	20,60
	2500	56C	90	5	TENV	CDP3335	755	PMS	26	TK3300	20,60
			180	2.5	TEFC	CDP3440	1,026	PMS	38	TK3400	20
3/4	1750	56C	180	3.7	TEFC	CDP3436	1,026	PMS	38	TK3400	20
			90	7.5	TEFC	CDP3443	908	PMS	36	TK3400	20
	1750	56C	90	10	TEFC	CDP3445	1,248	PMS	44	TK3400	20
			180	5	TEFC	CDP3455	1,248	PMS	44	TK3400	20
1	2500	56C	90	9.7	TEFC	CDP3450	1,026	PMS	38	TK3400	20
			180	4.85	TEFC	CDP3460	1,026	PMS	38	TK3400	20
	1750	145TC	180	7.7	TEFC	CDP3575	2,298	PMS	65	TK3500	20
			180	7	TEFC	CDP3580	2,000	PMS	53	TK3500	20
1 1/2	1750	145TC	180	9.6	TEFC	CDP3585	2,742	PMS	74	TK3500	20
	2500	145TC	180	10	TEFC	CDP3590	2,298	PMS	66	TK3500	8
2	1750	182TC	180	14	TEFC	CDP3603	3,377	PMS	112	TK3600PM	20
			180	14	TEFC	CDP3604	3,358	PMS	112	TK3600PM	20
3	1750	1810ATC	180	21.6	TEFC	CDP3605	5,731	PMS	161	TK3600PM	20

Note: See Tach Generators and Mounting Kits.

(a) See notes on inside back flap.

Integral DC tach permanent magnet SCR drive motor – TENV and TEFC, C-Face with base

1/4 thru 5 Hp



Features:

- Precise speed regulation
- 50 VDC per 1,000 RPM precision tachometer
- Class F insulation
- 20:1 constant torque speed range with NEMA Type K control

Applications:

- Conveyors
- Metering pumps

Hp	Base Speed	NEMA Frame	Voltage D.C. Arm.	Full Load Amperage Arm.	Enclosure	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	Notes (a)
1/4	1750	56C	90	2.5	TENV	CDPT3310	2,044	PMS	27	20,60
			180	1.25	TENV	CDPT3306	2,044	PMS	27	20,60
1/3	1750	56C	90	3.2	TENV	CDPT3320	2,085	PMS	30	20,60
			180	1.6	TENV	CDPT3316	2,085	PMS	30	20,60
1/2	1750	56C	90	4.8	TENV	CDPT3330	2,085	PMS	35	20,60
			180	2.5	TENV	CDPT3326	2,216	PMS	36	20,60
3/4	1750	56C	90	7.6	TEFC	CDPT3440	2,344	PMS	44	20
			180	3.7	TEFC	CDPT3436	2,344	PMS	45	20
1	1750	56C	90	10	TEFC	CDPT3445	2,615	PMS	50	20
			180	5	TEFC	CDPT3455	2,615	PMS	50	20
1 1/2	1750	143TC	180	7.7	TEFC	CDPT3575	3,629	PMS	71	20
2	1750	143TC	180	9.6	TEFC	CDPT3585	4,072	PMS	79	20
3	1750	182ATC	180	14	TEFC	CDPT3603	4,736	PMS	122	20
5	1750	1810ATC	180	24.5	TEFC	CDPT3605	7,085	PMS	164	20

(a) See notes on inside back flap.

Explosion proof permanent magnet SCR drive motor – TEFC, C-Face with base

1/4 thru 1 1/2 Hp



Features:

- NEMA C-Face with welded base
- 20:1 constant torque speed range
- UL and CSA
- Division 1, Class I, Group D; Class II, Group F&G, T3C
- Thermostat and explosion proof conduit box included
- Adjustable speed and constant torque for hazardous locations

Applications:

- Conveyors
- Feeders
- Pumps

Hp	Base Speed	NEMA Frame	Voltage D.C. Arm.	Full Load Amperage Arm.	Catalog Number	XP Cls/Grp	Temp Code	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	Notes (a)
1/4	1750	56C	90	2.7	CDPX3410	②	T3C	1,965	PMS	38	20
			180	1.3	CDPX3406	②	T3C	1,965	PMS	38	20
1/3	1750	56C	90	3.6	CDPX3420	②	T3C	2,468	PMS	43	20
			180	1.7	CDPX3416	②	T3C	2,468	PMS	44	20
1/2	1750	56C	90	5.2	CDPX3430	②	T3C	2,787	PMS	46	20
			180	2.5	CDPX3426	②	T3C	2,787	PMS	46	20
3/4	1750	56C	90	7	CDPX3440	②	T3C	3,445	PMS	51	20
			180	3.5	CDPX3436	②	T3C	3,445	PMS	51	20
1	1750	56C	90	9.6	CDPX3545	②	T3C	4,588	PMS	73	20
			180	4.9	CDPX3555	②	T3C	4,588	PMS	71	20
1 1/2	1750	145TC	180	7.1	CDPX3575	②	T3C	4,904	PMS	81	20

Notes: ② Class I, Group D; Class II, Group F&G (a) See notes on inside back flap

CAUTION: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. Care should be used when selecting an explosion-proof motor, especially when installed outdoors and on intermittent duty.

For more information visit baldor.com or new.abb.com/motors-generators

Washdown duty permanent magnet SCR drive motor – TENV and TEFC, C-Face with base

1/4 thru 5 Hp



Features:

- Moisture sealant on bolt heads between frame and endplates
- Neoprene gasketed conduit box
- Double sealed bearings
- Forsheda® running contact V-Ring slinger
- Stainless steel shaft
- Class F Insulation
- Tachometer adaptable
- Suitable for high pressure washdown

Applications:

- Food processing conveyors
- Feeders

Hp	Base Speed	NEMA Frame	Voltage D.C. Arm.	Full Load Amperage Arm.	Enclosure	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	Notes (a)
1/4	1750	56C	90	2.5	TENV	CDPWD3310	927	PMS	25	20,60
			180	1.25	TENV	CDPWD3306	927	PMS	24	20,60
1/3	1750	56C	90	3.2	TENV	CDPWD3320	979	PMS	27	20,60
			180	1.6	TENV	CDPWD3316	979	PMS	27	20,60
1/2	1750	56C	90	4.8	TENV	CDPWD3330	1,101	PMS	32	20,60
			180	2.5	TENV	CDPWD3326	1,101	PMS	32	20,60
3/4	1750	56C	90	7.6	TEFC	CDPWD3440	1,328	PMS	38	20
			180	3.7	TEFC	CDPWD3436	1,328	PMS	38	20
1	1750	56C	90	10	TEFC	CDPWD3445	1,620	PMS	44	20
			180	5	TEFC	CDPWD3455	1,620	PMS	44	20
1 1/2	1750	145TC	180	7.7	TEFC	CDPWD3575	3,099	PMS	66	20
2	1750	145TC	180	9.6	TEFC	CDPWD3585	2,698	PMS	75	20
3	1750	182TC	180	14	TEFC	CDPWD3603	4,733	PMS	116	20
5	1750	1810ATC	180	24.5	TEFC	CDPWD3605	8,017	PMS	157	20

Note: See Tach Generators and Mounting kits.

(a) See notes on inside back flap.

Paint free washdown duty permanent magnet SCR drive motor, TEFC, C-Face with base

1/4 thru 1 Hp



Features:

- Class F insulation
- 20:1 constant torque speed range
- Moisture resistant 200°C magnet wire
- Sealed ball bearings with moisture resistant grease
- Contact lip seals on shaft extensions
- Neoprene gaskets
- 300 series stainless steel motor frame, base, shaft and hardware

Applications:

- Food processing
- Packaging

Hp	Base Speed	NEMA Frame	Voltage D.C. Arm.	Full Load Amperage Arm.	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	Notes (a)
1/4	1750	56C	90	2.7	CDPSWD3410	1,110	PMS	29	20
			180	1.3	CDPSWD3406	1,110	PMS	28	20
1/2	1750	56C	90	5.2	CDPSWD3430	1,315	PMS	37	20
			180	2.5	CDPSWD3426	1,315	PMS	38	20
1	1750	56C	90	9.6	CDPSWD3545	1,943	PMS	63	20
			180	4.9	CDPSWD3555	1,943	PMS	63	20

(a) See notes on inside back flap.

Metric flange permanent magnet SCR drive motor, TENV and TEFC, Flange and face mount

0.18 thru 5 kW, 0.25 thru 3.7 Hp



Features:

- Metric flange or C-Face per IEC 60072-1 standards
- Bolt on non-metric base
- Class F insulation
- Tachometer adaptable (except 0.15 kW)
- 20:1 constant torque speed range
- Conforms to IEC 30034-1

Applications:

- Metric SCR drive motor replacement

kW/Hp	Base Speed	NEMA Frame	Voltage D.C. Arm	Full Load Amperage Arm	Enclosure	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	Notes (a)
B5 flange										
.18/.25	1750	D71D	180	1.25	TENV	VP3311D	716	PMS	23	20,60
.25/.33	1750	D71D	180	1.6	TENV	VP3316D	755	PMS	27	20,60
	1750	D71D	180	2.5	TENV	VP3326D	845	PMS	31	20,60
.37/.5	3000	D71D	180	2.5	TEFC	VP3428D	876	PMS	33	20
	1750	D80D	180	3.7	TEFC	VP3436D	1,026	PMS	40	20
.57/.75	3000	D80D	180	3.6	TEFC	VP3439D	908	PMS	37	20
	1750	D80D	180	5	TEFC	VP3455D	1,248	PMS	46	20
.75/1	3000	D80D	180	5.1	TEFC	VP3458D	1,026	PMS	41	20
	3000	D90D	180	7.7	TEFC	VP3468D	1,144	PMS	47	20
1.1/1.5	1750	D90D	180	7.7	TEFC	VP3575D	2,312	PMS	71	20
	1750	D90D	180	9.6	TEFC	VP3585D	2,758	PMS	78	20
1.5/2	3000	D90D	180	10	TEFC	VP3588D	2,312	PMS	69	20
2.2/3	1750	D112D	180	14	TEFC	VP3603D	3,393	PMS	121	20
3.7/5	1750	D112D	180	24.5	TEFC	VP3605D	5,592	PMS	166	20
B14 face										
.18/.25	1750	D71C	180	1.4	TEFC	VP3411-14	805	PMS	30	20
.25/.33	1750	D71C	180	1.7	TEFC	VP3416-14	857	PMS	31	20
	3000	D71C	180	2.5	TEFC	VP3428-14	876	PMS	31	20
1.37/.50	1750	D71C	180	2.5	TEFC	VP3426-14	876	PMS	37	20
	3000	D80C	180	3.6	TEFC	VP3439-14	908	PMS	35	20
.56/.75	1750	D80C	180	3.7	TEFC	VP3436-14	1,026	PMS	40	20
	3000	D80C	180	5.1	TEFC	VP3458-14	1,026	PMS	38	20
.75/1	1750	D80C	180	5	TEFC	VP3455-14	1,248	PMS	45	20
	3000	D80C	180	7.7	TEFC	VP3468-14	1,114	PMS	43	20
1.1/1.5	1750	D90C	180	7.7	TEFC	VP3575-14	2,312	PMS	73	20
	3000	D90C	180	10.0	TEFC	VP3588-14	2,312	PMS	70	20
1.5/2	1750	D90C	180	9.6	TEFC	VP3585-14	2,758	PMS	80	20

Notes: (a) See notes on inside back flap.

Above motors D71 and larger with B5 flange, fitted with oil seal.

See Tach Generators and Tach Mounting Kits.

Low voltage permanent magnet motor – TENV and TEFC

1/4 thru 1 Hp



Features:

- NEMA C-Face
- Class F insulation
- Double sealed ball bearings
- Top-mounted terminal studs for power connection on ratings 40-amps and up

Applications:

- Battery operation for portable pumps
- Fans
- Augers
- Winches
- Lifts

Hp	Base Speed	NEMA Frame	Voltage D.C.	Full Load Amperage	Enclosure	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	Notes (a)
1/4	1800	56C	12	22.5	TENV	CDP3410-V12	770	PMS	23	20,60
			24	10.6	TENV	CDP3410-V24	730	PMS	23	20,60
1/3	1800	56C	12	28.6	TENV	CDP3420-V12	845	PMS	31	20,60
			24	13.6	TENV	CDP3420-V24	806	PMS	31	20,60
1/2	1800	56C	12	40	TENV	CDP3430-V12	876	PMS	37	20,60
			24	19.6	TENV	CDP3430-V24	835	PMS	35	20,60
3/4	1800	56C	12	66	TEFC	CDP3440-V12	1,257	PMS	42	20
		56C	24	29.4	TEFC	CDP3440-V24	1,250	PMS	41	20
1	1800	56C	12	85.6	TEFC	CDP3445-V12	1,818	PMS	45	20
			24	40.9	TEFC	CDP3445-V24	1,810	PMS	46	20

(a) See notes on inside back flap.

1/4 - 1/2 Hp are TENV. 3/4 - 1 Hp are TEFC.

DC power motor – TEFC – right base

1/3 thru 1 1/2 Hp



Features:

- 20% compound wound
- Weather proof, VPI insulation meets IEEE 45 specifications
- Suitable for mounting in any position
- Continuous duty
- Easy access brushes
- Powered from generators or batteries

Applications:

- Cranes and hoists
- Conveyors
- Augers
- Marine duty application

Hp	Speed	NEMA Frame	Rated Current	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	Notes (a)
115 VDC								
1/3	1750	56	3.2	D1151	1,708	WFS	23	20
1/2	1750	56	4.8	D1152	1,755	WFS	29	20
3/4	1750	56	6.6	D1153	2,066	WFS	34	20
1	1750	56	8	D1154	2,375	WFS	62	20
230 VDC								
1/3	1750	56	1.7	D2301	1,708	WFS	41	20
1/2	1750	56	2.1	D2302	1,808	WFS	29	20
3/4	1750	56	3.3	D2303	2,066	WFS	34	20
1	1750	56	4	D2304	2,375	WFS	62	20
1 1/2	1750	184	6.1	D2305	4,039	WFS	84	20

Notes: (a) See notes on inside back flap.

Not for SCR control applications. Base welded on 3513D type only. Not tach adaptable.

For more information visit baldor.com or new.abb.com/motors-generators

Shunt wound SCR drive motors, TEFC, C-Face with base

1/4 thru 3 Hp



Features:

- Designed for use with NEMA type K SCR control
- 20:1 constant torque speed range
- NEMA C-Face and removable base
- NEMA 182 frame and larger – normally closed thermostat on field winding
- Class F insulation
- 1.0 SF

Applications:

- Conveyors
- Printing and textile equipment
- Machine tools

Hp	Base Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	Notes (a)
			Arm.	Field	Arm.	Field					
1/4	1750	56C	90	100/50	3	.3/.6	CD3425	720	WFS	23	20
			90	100/50	3.4	.4/.8	CD3433	787	WFS	24	20
1/3	1750	56C	180	200/100	1.9	.21/.42	CD3434	787	WFS	24	20
			90	100/50	3.7	.5/1	CD5333 (b)	1,135	WFS	31	20
1/2	1750	56C	90	100/50	5.2	.5/1	CD3450	895	WFS	29	20
			180	200/100	2.6	.25/.5	CD3451	895	WFS	29	20
3/4	1750	56C	90	100/50	5	.44/.88	CD5350 (b)	1,253	WFS	38	20
			90	100/50	7.8	.6/1.2	CD3475	1,113	WFS	34	20
1	1750	56C	180	200/100	3.9	.3/.6	CD3476	1,113	WFS	34	20
			90	100/50	8	.6/1.2	CD5375 (b)	1,475	WFS	45	20
1 1/2	1750	56C	180	200/100	5	.3/.6	CD5318 (b)	1,571	WFS	54	20
			90	100/50	10	.6/1.2	CD5319 (b)	1,571	WFS	53	20
2	1750	182C	180	200/100	5	.25/.5	CD6218	2,099	WFS	65	20
			90	100/50	9.6	.55/1.1	CD6219	2,099	WFS	66	20
3	1750	182C	180	200/100	7.5	.25/.5	CD6215	2,350	WFS	84	20
			180	200/100	9.5	.4/.8	CD6202	2,779	WFS	98	20
3	1750	213C	180	200/100	9.5	.4/.8	CD7502	4,877	WFS	105	20
			180	200/100	14.7	.6/1.2	CD6203	3,156	WFS	135	8, 73
3	1750	215C	180	200/100	14.7	.6/1.2	CD7503	5,187	WFS	137	20

Notes: See Tach Generators and Mounting Kits

(a) See notes on inside back flap

(b) No dual mounting base holes on 35D, 75D or 91D type.

Shunt wound SCR drive motors, explosion proof, TEFC, C-Face with base 1/2 thru 2 Hp



Features:

- Designed for use with NEMA type K SCR control
- 20:1 constant torque speed range
- NEMA C-Face and removable base
- Normally closed thermostat on field winding
- Class F insulation
- 1.0 SF
- UL and CSA Division 1, Class I, Group D, Class II, Group F&G

Applications:

- Conveyors
- Printing and textile equipment

Hp	Base Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	XP Cls/Grp	Temp Code	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	Notes (a)
			Arm.	Field	Arm.	Field							
Explosion-proof - continuous duty - Division 1, Class I, Group D & Class II, Group F & G - 1.0 S.F.													
1/2	1750	182CZ	90	100/50	4.9	.55/1.1	CDX1850 (b)	②	T3B	2,852	WFS	100	2
3/4	1750	182CZ	90	100/50	7	.55/1.1	CDX1875 (b)	②	T3B	3,776	WFS	100	2
1	1750	182CZ	180	200/100	5	.25/5	CDX2001 (b)	②	T3B	4,697	WFS	102	2
		182C	180	200/100	5	.25/5	CDX7100	②	T3B	3,899	WFS	102	2
1 1/2	1750	182C	180	200/100	7.5	.25/5	CDX7150	②	T3B	5,163	WFS	121	2
2	1750	182C	180	200/100	9.5	.4/8	CDX7200 (b)	②	T3B	5,798	WFS	135	2

Notes: (a) See notes on inside back flap

(b) Refers to shaft and/or face mounting dimensions only. Base mounting dimensions and shaft height differ from NEMA frames shown.

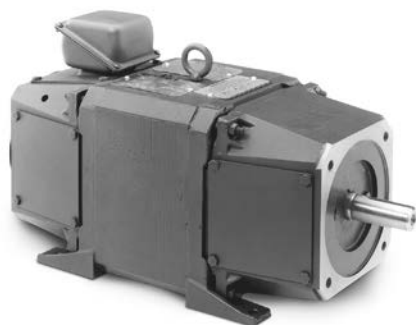
Go to www.baldor.com for details.

② Class I, Group D; Class II, Group F&G

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. Care should be used when selecting an explosion-proof motor, especially when installed outdoors and on intermittent duty.

RPM III DC shunt wound SCR drive motors, 180V armature, power code K

1.5 thru 5 Hp



Features:

- Unique laminated square frame for improved commutation
- Square configuration allows for increased rating per frame size
- Class F insulation system
- Service line brushes with convenient wear indicating reference lines
- PLS™ for longer bearing and motor life
- F3 mounting
- Tachometer adaptable with thermostat

Applications:

- Metals
- Paper
- Web processes
- Extruders and packaging
- Machine tools

Hp	Base Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Enclosure	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	Reliance M/N	Field Type	XPY Tach Kit
			Arm.	Field	Arm.	Field (a)(b)								
1 1/2	1750	DC189ATY (c)	180	100/200	7.2	0.72	TENV	D1815R	10,019	R3B	169	T18R1119	STR	413336-1R
2	1750	DC189ATY (c)	180	100/200	9.5	0.72	TENV	D1802R	10,356	R3B	86	T18R1117	STR	413336-1R
3	1750	DC1811ATCZ (d)	180	100/200	14.1	1.17	TENV	CD1803R	11,162	R3B	212	T18R1102	STR	413336-1R
		DC189ATY (c)(e)	180	100/200	14.8	0.95	DPG	D1803R	11,284	R3B	165	T18R1118	STR	413336-1R
		DC189ATCZ (d)(e)	180	100/200	14.8	0.95	DPG	CDD1803R	11,484	R3B	160	T18R1120	STR	413336-1R
5	1750	DC1810ATCZ (d)(e)	180	100/200	24	1.68	DPG	CD1805R	12,495	R3B	175	T18R1105	STR	413336-1R
		DC2112ATCZ (d)	180	100/200	23	1.34	TENV	CD2105R	15,856	R3B	355	T21S1101	STR	413336-1R

Notes: Encoder and tachometer kits available

(a) Field amps at 25°C

(b) Field amps for high voltage connection

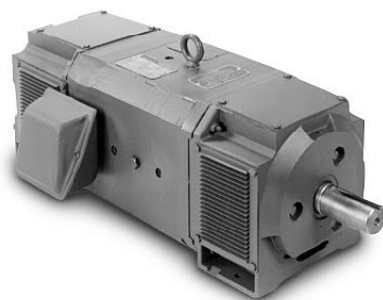
(c) 140TC C-Face

(d) 180TC C-Face

(e) Top mounted conduit box, if blower added, blower must be mounted F-1 or F-2.

RPM III DC shunt wound SCR drive motors, 240V armature, 240V field, power code C

3 thru 10 Hp



Features:

- Superior speed regulation
- Operation down to 25% of base speed at 67% load current
- Excellent load sharing characteristics on common drive
- Tachometer adaptable

Applications:

- Textile equipment
- Metals
- Paper
- Web Processes
- Extruders and packaging
- Machine tools

Hp	Base Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Enclosure *	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	Reliance M/N	Field Type	XPY Tach Kit
			Arm.	Field	Arm.	Field (a)								
3	1750/2300	C1811ATCZ (b)	240	240	11	0.99	SPG	CD2003R-2	13,225	R3B	198	T18R1009	STAB	413336-1R
5	1750/2300	C1811ATCZ (b)	240	240	18.1	1.11	SPG	CD2005R-2	13,366	R3B	209	T18R1010	STAB	413336-1R
7 1/2	1750/2300	C1812ATCZ (b)	240	240	27	1.4	SPG	CD2007R-2	13,500	R3B	235	T18R1011	STAB	413336-1R
10	1750/2300	SC2113ATCZ (c)	240	240	37	2.20	SPG	D2010R-2	16,661	R3B	346	T21S1001	STAB	417708-21

Notes: Encoder and tachometer kits available.

(a) Field amps at 25°C

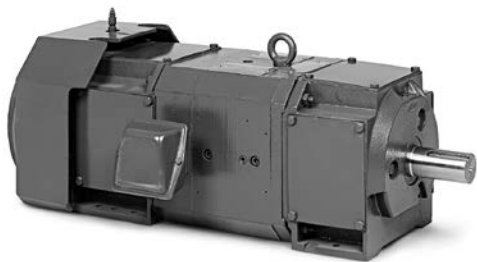
(b) 180TC C-Face

(c) 210TC C-Face

* Splash-proof Guarded (SPG) is an open machine in which the ventilating openings are so constructed that successful operation is not interfered with when drops of liquid or solid particles strike or enter the enclosure at any angle not greater than 60 degrees downward from vertical

RPM III DC shunt wound SCR drive TEFC motors, 240V and 500V armature, power code C

5 thru 50 Hp



Features:

- Laminated square frame for improved commutation
- Class F insulation system
- Service line brushes with convenient wear indicating reference lines
- PLS™ bearing lubrication system for longer bearing and motor life
- Tachometer adaptable with thermostat

Applications:

- Textile range drives
- Roofing machines
- Tube mills

Hp	Base/Max Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	Notes	Reliance M/N	Field Type	XPY Tach Kit
			Arm.	Field	Arm.	Field (a)(b)								
5	1750/2300	C1812ATZ	240	150	18.5	1.80	D2505R	13,981	R3B	251	87	T18R1005 (d)	STAB	417709-17
	1750/2300	SC2113ATZ	500	150/300	9	1.06	D5505R	15,529	R3B	340	87	T21S201 (c)	STAB	417708-21
7 1/2	1750/2300	SC2113ATZ	240	150	27	3.25	D2507R	16,737	R3B	359	87	T21S301	STAB	417709-65
	1750/2300	SC2113ATZ	500	150/300	13.5	1.41	D5507R	16,737	R3B	360	87	T21S302 (d)	STAB	417709-65
10	1750/2300	MC2113ATZ	240	150	35.5	3.13	D2510R	18,820	R3B	379	87	T21S303	STAB	417709-65
	1750/2300	MC2113ATZ	500	150/300	17.5	1.55	D5510R	18,820	R3B	405	87	T21S304	STAB	417709-65
15	1750/2300	SC2512ATZ	240	150	53.5	2.18	D2515R	22,702	R3B	560	6,87	T25S301	STAB	417709-66
	1750/2300	SC2512ATZ	500	150/300	25.6	1.71	D5515R	22,702	R3B	547	87	T25S302	STAB	417709-66
20	1750/2300	LC2512ATZ	240	150	71	4.14	D2520R	23,660	R3B	640	87	T25S303	STAB	417709-66
	1750/2300	LC2512ATZ	500	150/300	33	2.06	D5520R	23,660	R3B	640	87	T25S304	STAB	417709-66
25	1750/2300	MC2812ATZ	240	150	87	4.05	D2525R	27,502	R3B	805	87	T28S301	STAB	417709-67
	1750/2300	MC2812ATZ	500	150/300	41	2.23	D5525R	27,502	R3B	815	87	T28S302	STAB	417709-67
30	1750/2300	LC2812ATZ	500	150/300	50	1.74	D5530R	28,831	R3B	895	87	T28S303	STAB	417709-67
40	1750/2300	MC3212ATZ	500	150/300	65	1.82	D5540R	33,786	R3B	1120	87	T32S301	STAB	417709-68
50	1750/2300	LC3212ATZ	500	150/300	84	1.98	D5550R	35,751	R3B	1270	87	T32S302	STAB	417709-68

Notes: Encoder and tachometer available.

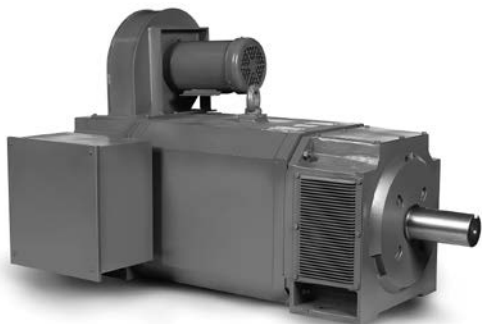
(a) Field amps at 25°C

(b) Field amps for high voltage connection

(c) TENV enclosure

(d) Power Code D

RPM III wound field SCR drive DPG-FV motors, 240V and 500V armature, power code C 10 thru 500 Hp



Features:

- Laminated square frame for improved commutation
- Class F insulation system
- Service line brushes with convenient wear indicating reference lines
- PLS™ bearing lubrication system for longer bearing and motor life
- Tachometer adaptable with thermostat

Applications:

- Metals
- Paper
- Web processes
- Extruders and packaging
- Machine tools

Hp	Base/Max Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	Notes	Reliance M/N	Field Type	XPY Tach Kit
			Arm.	Field	Arm.	Field (a)(b)								
10	1750/2300	SC2113ATZ	500	300	18	1.11	D5010RS-BV	20,017	R3B	345 (c)	101,102	T21T1342	STAB	417708-21
	1750/2300	SC2113ATZ	240	150	56	4.73	D2015R-BV	17,952	R3B	345 (d)	103	T21T1359	STR	417708-21
15	1750/2300	SC2113ATCZ	240	150	56	4.73	CD2015R-BV	18,632	R3B	345 (b)	103	T21T1384	STR	417708-21
	1750/2300	SC2113ATZ	500	300	27	2.22	D5015R-BV	17,952	R3B	375	103	T21T1364	STR	417708-21
20	1750/2300	SC2113ATZ	500	300	27	3.03	D5015RS-BV	22,829	R3B	345 (c)	101,102	T21T1346	STAB	417708-21
	1750/2300	SC2113ATZ	240	150	76.5	7.12	D2020R-BV	18,381	R3B	345 (d)	103	T21T1363	STR	417708-21
25	1750/2300	SC2113ATZ	500	300	37	3.03	D5020R-BV	18,381	R3B	390	103	T21T1350	STR	417708-21
	1750/2300	MC2113ATZ	500	300	37	2.24	D5020RS-BV	23,363	R3B	370 (c)	101,102	T21T1344	STAB	417708-21
30	1750/2300	MC2113ATZ	240	150	96	8.43	D2025R-BV	21,658	R3B	370 (d)	103	T21T1371	STR	417708-21
	1750/2300	MC2113ATZ	500	300	46	3.32	D5025R-BV	21,658	R3B	410	6,104	T21T1351	STR	417708-21
40	1750/2300	LC2113ATZ	500	300	43	3.07	D5025RS-BV	24,227	R3B	472 (c)	101,102	T21T1345	STAB	417708-21
	1750/2300	LC2113ATZ	240	150	109	10	D2030R-BV	22,138	R3B	400	103	T21T1375	STR	417708-21
50	1750/2300	LC2113ATZ	500	300	52	3.3	D5030R-BV	22,138	R3B	445	103	T21T1352	STR	417708-21
	1750/2300	SC2512ATZ	500	300	51	2.84	D5030RS-BV	25,964	R3B	535 (c)	101,102	T25T1342	STAB	417708-21
60	1150/1800	LC2115ATZ	500	300	54	3.95	D5130R-BV	24,150	R3B	480	104	T21T1378	STR	417708-21
	1750/2300	LC2115ATZ	240	150	146	5.63	D2040R-BV	22,151	R3B	480	6,103	T21T1380	STR	417708-21
75	1750/2100	MC2115ATZ	500	300	69	4.49	D5040R-BV	23,750	R3B	501	103	T21T2353	STR	417708-21
	1750/2100	MC2512ATZ	500	300	68.5	2.88	D5040RS-BV	28,162	R3B	570 (c)	6,101,102	T25T1344	STAB	417708-21
100	1150/2000	LC2512ATZ	500	300	72	5.27	D5140R-BV	29,512	R3B	640	104	T25T1355	STR	417708-21
	1750/2100	LC2115ATZ	500	300	87	3.95	D5050R-BV	25,680	R3B	520	103	T21T2354	STR	417708-21
125	1750/2100	LC2512ATZ	500	300	84	3.38	D5050RS-BV	29,831	R3B	660 (c)	6,101,102	T25T1339	STAB	417708-21
	1150/1900	C2514ATZ	500	300	87	4.06	D5150R-BV	30,188	R3B	695	6,104	T25T1359	STR	417708-21
150	1750/2300	LC2512ATZ	500	300	102	4.61	D5060R-BV	27,703	R3B	610	103	T25T2348	STR	417708-21
	1750/2100	MC2812ATZ	500	300	100	3.43	D5060RS-BV	31,505	R3B	860 (c)	6,101,102	T28T1330	STAB	417708-26
200	1150/1900	C2515ATZ	500	300	102	5.18	D5160R-BV	32,454	R3B	805	6,103	T25T1364	STR	417708-21
	1750/2100	C2515ATZ	500	300	124	6.21	D5075R-BV	32,454	R3B	767	103	T25T2349	STR	417708-21
250	1750/2100	MC3212ATZ	500	300	124	3.63	D5075RS-1BV	35,374	R3B	1210 (c)	6,101,102	T28T1327	STAB	417708-26
	1150/2000	MC3212ATZ	500	300	125	4.15	D5175R-1BV	33,006	R3B	1125	6,103	T28T1342	STR	417708-26
300	1750/2000	C2515ATZ	500	300	167	6.7	D50100R-BV	33,006	R3B	890	103	T25T2350	STR	417708-21
	1750/2000	MC3212ATZ	500	300	162	3.34	D50100RS-BV	36,449	R3B	1210 (c)	6,101,102	T32T1314	STAB	417708-26
350	1150/1850	C3214ATZ	500	300	168	4.15	D51100RB-1BV	37,982	R3B	1475	6,104	T28T1344	STR	417708-26
	1750/2000	C2813ATZ	500	300	204	6.93	D50125R-BV	33,006	R3B	997	6,103	T28T1333	STR	417708-26
400	1750/2000	UC2813ATZ	500	300	204	6.93	D50125UR-BV	33,006	R3B	945	5,6,103	T28T1349	STR	417708-26
	1750/2000	LC3212ATZ	500	300	203	4.4	D50125RS-BV	37,556	R3B	1290 (c)	6,101,102	T32T1318	STAB	417708-26
450	1150/2000	UC3214ATZ	500	300	204	8.37	D51125RR-BV	39,583	R3B	1475	5,6,103	T32T1327	STR	417708-26
	1750/2000	C2815ATZ	500	300	250	10.64	D50150RE-BV	34,334	R3B	1197	6, 103	T28T1352	STR	417708-26
500	1750/2000	UC2815ATZ	500	300	250	10.64	D50150URE-BV	34,875	R3B	1197	5,6,103	T28T1351	STR	417708-26
	1750/2000	MC3612ATZ	500	300	240	4.81	D50150RS-BV	47,174	R3B	1630 (c)	6,105	T36S1313	STAB	417708-26
600	1750/2100	UC3214ATZ	500	300	322	8.37	D50200RR-BV	38,429	R3B	1475	5,6,103	T32T1322	STR	417708-26
	1750/2000	LC3612ATZ	500	300	321	5.41	D50200RS-BV	49,935	R3B	1905 (c)	6,105	T36S1314	STAB	417708-26
700	1150/2000	MC4013ATZ	500	300	323	10.7	D51200R-1BV	69,329	R3B	1850	6,104	T36S1325	STR	417708-26

Notes: Encoder and tachometer kits available.

(a) Field amps at 25°C

(b) 210TC C-Frame

Red catalog number indicates NEW product.

(c) Extruder duty enclosed commutator design

(d) Power Code D

RPM III wound field SCR drive DPG-FV motors, 240V and 500V armature, power code C

Hp	Base/Max Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	Notes	Reliance M/N	Field Type	XPY Tach Kit
			Arm.	Field	Arm.	Field (a)(b)								
250	1750/2000	ULC3612ATZ	500	300	405	8.87	D50250RR-BV	46,389	R3B	1891	5,6,104	T36S1318	STR	417708-26
	1750/2000	C4011ATZ	500	300	400	6.63	D50250RS-BV	71,462	R3B	2310 (c)	6,105	T40S1306	STAB	417708-26
	1150/2000	MC4013ATZ	500	300	406	10.7	D51250R-BV	81,353	R3B	2735	6,104	T40S1317	STR	417708-26
300	1750/2000	LC3613ATZ	500	300	478	12.5	D50300R-BV	48,326	R3B	2190	6,104	T36S1319	STR	417708-26
	1750/2100	MC4013ATZ	500	300	478	6.5	D50300RS-BV	83,159	R3B	2815 (c)	6,105	T40S1309	STAB	417708-26
	1150/2000	LC4013ATZ	500	300	485	13.2	D51300R-BV	84,181	R3B	3015	6,104	T40S1320	STR	417708-26
400	1750/2000	MC4013ATZ	500	300	640	11.9	D50400R-BV	83,159	R3B	3040	6,104	T40S1314	STR	417708-26
	1750/2000	LC4013ATZ	500	300	635	7.97	D50400RS-BV	85,172	R3B	3040 (c)	6,105	T40S1311	STAB	417708-26
	1150/1600	C4413ATZ	500	300	644	13	D51400R-BV	105,589	R3B	3830	6,101,104	T44T1304	STR	417708-156
500	1750/2050	C4412ATZ	500	300	797	10.8	D50500R-BV	105,971	R3B	3480	6,101,104	T44T1305	STR	417708-156
	1150/1450	C4414ATZ	500	300	805	12.3	D51500R-BV	119,919	R3B	4560	6,101,104	T44T1306	STR	417708-156

Notes: Encoder and tachometer kits available.

(a) Field amps at 25°C

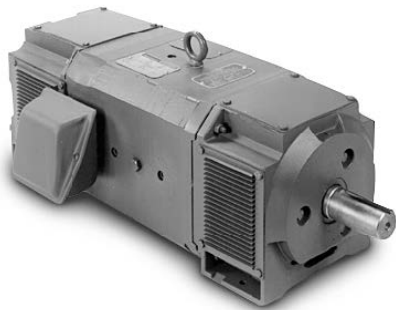
(b) 210TC C-Face

(c) Extruder duty enclosed commutator design

(d) Power Code D

RPM III wound field SCR drive DPG motors, 240V and 500V armature, power code C

3 thru 60 Hp



Features:

- Laminated square frame for improved commutation
- High limit thermostat
- Tachometer adaptable
- Class F insulation system
- Service line brushes with convenient wear indicating reference lines
- PLS™ bearing lubrication system for longer bearing and motor life

Applications:

- Metals
- Paper
- Web processes
- Extruders and packaging
- Machine tools

Hp	Base/Max Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	Notes	Reliance M/N	Field Type	XPY Tach Kit
			Arm.	Field	Arm.	Field (a)(b)								
3	1750/2300	DC189ATCZ (c)(e)	240	150	11	1.52	D2003R	11,719	R3B	161	80,83	T18R1127	STAB	413336-1R
	1750/2300	C1811ATZ	500	300	5.2	0.72	D5003R	12,713	R3B	197	80	T18R1333 (d)	STR	413336-1R
5	1750/2300	C1811ATZ	240	150	19.2	1.77	D2005R	12,484	R3B	194	80,83	T18R1318 (d)	STAB	413336-1R
	1750/2300	C1811ATZ	500	300	9	1	D5005R	12,713	R3B	194	80	T18R1334 (d)	STR	413336-1R
7 1/2	1750/2300	C1811ATZ	240	150	28	1.95	D2007R	12,546	R3B	210	80,83	T18R1301 (d)	STAB	413336-1R
	1750/2300	C1811ATZ	500	300	13.5	1.29	D5007R	12,807	R3B	197	80	T18R1335 (d)	STR	413336-1R
10	1750/2300	C1812ATZ	240	150	37	2.13	D2010R	13,926	R3B	233	80,84	T18R1302 (d)	STAB	413336-1R
	1750/2300	C1812ATZ	500	300	17.4	1.09	D5010R	13,000	R3B	227	80,85	T18R1307 (d)	STAB	413336-1R
15	1750/2300	SC2113ATZ	240	150	56	4.12	D2015R	15,494	R3B	315	87	T21S1330	STAB	417708-21
	1750/2300	SC2113ATZ	500	150/300	27	1.76	D5015R	15,628	R3B	320	87	T21S1322	STAB	417708-21
20	1750/2300	LC2113ATZ	240	150	74	4.23	D2020R	16,353	R3B	403	87	T21S1331	STAB	417708-21
	1750/2300	MC2113ATZ	500	150/300	35	1.98	D5020R	17,721	R3B	372	87	T21S1323	STAB	417708-21
25	1750/2300	LC2113ATZ	240	150	91.5	5.84	D2025R	17,979	R3B	415	87	T21S1332	STAB	417708-21
	1750/2300	LC2113ATZ	500	150/300	43	2.63	D5025R	16,930	R3B	394	87	T21S1324	STAB	417708-21
30	1750/2300	SC2512ATZ	240	150	111	3.45	D2030R	17,531	R3B	515	87	T25S1330	STAB	417708-21
	1750/2300	SC2512ATZ	500	150/300	52	1.71	D5030R	17,832	R3B	520	87	T25S1322	STAB	417708-21
40	1750/2300	LC2512ATZ	500	150/300	68	2.4	D5040R	19,577	R3B	605	6,87	T25S1323	STAB	417708-21
50	1750/2300	MC2812ATZ	500	150/300	85	2.02	D5050R	22,710	R3B	766	6,87	T28S1313	STAB	417708-26
60	1750/2100	LC2812ATZ	500	300	100	2.78	D5060R	23,856	R3B	860	6,87	T28S1314	STAB	417708-26

Notes: Encoder and tachometer kits available.

(a) Field amps at 25°C

(b) Field amps for high voltage connection

(c) 180 TC C-Face

(d) Power Code D

(e) Top mounted conduit box, if blower added, blower must be mounted F-1 or F-2

RPM III DC motor encoder and tachometer kits

Applications: Encoder and tachometer kits for field installation

Features: Kits include the encoder or tachometer and all mounting hardware required for installation on RPM III DC motors.

Device Type	Output	Catalog Number	Frames	Enclosure	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
RD120-1	1 x 120 ppr	417708-30	DC180, C180, DC2112	DPG, DPFV	3,164	SVC	5
		417708-32	C210-C250	DPG, DPFV, TENV	3,164	SVC	5
		417708-33	C280-C400	DPG, DPFV, TENV	3,164	SVC	5
RD120-2	2 x 120 ppr	417708-34	DC180, C180, DC2112	DPG, DPFV	3,764	SVC	5
		417708-36	C210-C250	DPG, DPFV, TENV	3,764	SVC	5
		417708-37	C280-C400	DPG, DPFV, TENV	3,764	SVC	5
		417708-133	DC180, C180, DC2112	DPG, DPFV, TENV	4,036	SVC	5
H20	1024 ppr	417708-134	C210-C250	DPG, DPFV, TENV	4,036	SVC	5
		417708-135	C280-C400	DPG, DPFV, TENV	4,036	SVC	5
		417708-151	C440	DPG, DPFV, TENV	4,036	SVC	5
		417708-126	DC180, C180, DC2112	DPG, DPFV, TENV	5,128	SVC	4
RL67	1024z ppr	417708-136	C210-C250	DPG, DPFV, TENV	5,128	SVC	6
		417708-137	C280-C400	DPG, DPFV, TENV	5,128	SVC	6

Encoder and tachometer mounting kits (less tach)

Applications: Encoder and tachometer kits for field installation

Features: Kits include all mounting hardware required for installation on RPM III DC motors. Feedback device not included.

Device Type	Catalog Number	Frames	Enclosure	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
XC42, XC46, BC42, BC46, H56, 800123-R & -S	413336-2R	DC180, C180, DC2112	DPG, DPFV, TENV	1,689	SVC	9
	417708-22	C210-C250	DPG, DPFV, TENV	1,689	SVC	9
	417708-27	C280-C400	DPG, DPFV, TENV	1,689	SVC	9
XPY, XPYII, 5PY, RPY444	413336-1R	DC180, C180, DC2112	DPG, DPFV, TENV	1,689	SVC	7
	417708-21	C210-C250	DPG, DPFV, TENV	1,689	SVC	7
	417708-26	C280-C400	DPG, DPFV, TENV	1,689	SVC	7
	417708-156	C440	DPG, DPFV, TENV	1,689	SVC	8
	417709-17	C180	TEFC	4,245	SVC	6
	417709-65	C210	TEFC	4,245	SVC	6
	417709-66	C250	TEFC	4,245	SVC	9
	417709-67	C280	TEFC	4,245	SVC	15
	417708-41	C210 - C250	DPG, DPFV, TENV	1,091	SVC	2
RL67	417708-42	C280 - C400	DPG, DPFV, TENV	1,091	SVC	1

Blower kits for use with RPM III DC motors

Suitable for operation on 230/460V or 240/480V, 3-Phase, 50/60 Hz

Motor Frame	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt. (lb)	Description
C180ATZ, DC180ATZ	417077-51	1,491	SVC	44	Blower Kit Without Filter
C210ATZ	419947-29	1,491	SVC	83	Blower Kit Without Filter
C250ATZ	419947-30	1,491	SVC	39	Blower Kit Without Filter
C280ATZ	419947-32	1,823	SVC	84	Blower Kit Without Filter
C320ATZ	419947-34	2,123	SVC	90	Blower Kit Without Filter
C3612ATZ	417077-74	2,123	SVC	90	Blower Kit Without Filter
C3613ATZ	417077-127	2,123	SVC	110	Blower Kit Without Filter
C400ATZ	417077-75	2,324	SVC	85	Blower Kit Without Filter
C440ATZ	417077-126	4,738	SVC	225	Blower Kit Without Filter

Filter kits for use with DPF-FV, RPM III DC motors

Suitable for operation on 230/460V or 240/480V, 3-Phase, 50/60 Hz

Motor Frame	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt. (lb)	Description
C180ATZ, DC180ATZ	417077-57	911	SVC	2	Washable Wire Mesh Canister Type
C2113ATZ	417077-58	911	SVC	4	Washable Wire Mesh Canister Type
C2115ATZ	417077-59	911	SVC	4	Washable Wire Mesh Canister Type
C2512ATZ	417077-58	911	SVC	4	Washable Wire Mesh Canister Type
C2514ATZ	417077-59	911	SVC	4	Washable Wire Mesh Canister Type
C2515ATZ	417077-59	911	SVC	4	Washable Wire Mesh Canister Type
C2812ATZ	417077-59	911	SVC	4	Washable Wire Mesh Canister Type
C2813ATZ	417077-59	911	SVC	4	Washable Wire Mesh Canister Type
C2815ATZ	417077-59	911	SVC	4	Washable Wire Mesh Canister Type
C3210ATZ	417077-59	911	SVC	4	Washable Wire Mesh Canister Type
C3212ATZ	417077-59	911	SVC	4	Washable Wire Mesh Canister Type
C3214ATZ	417077-59	911	SVC	4	Washable Wire Mesh Canister Type
C3612ATZ	417077-65	1,165	SVC	7	Washable Wire Mesh Canister Type
C3613ATZ	417077-102	1,642	SVC	6	Washable Wire Mesh Canister Type
C400ATZ	417077-102	1,642	SVC	6	Washable Wire Mesh Canister Type
C440ATZ	417077-124	1,893	SVC	22	Square Replaceable Polyester Type

Sliding Bases for RPM III DC motors

Suitable for operation on 230/460V or 240/480V, 3-Phase, 50/60 Hz

Applications: Used for adjusting belt tension on belted applications. Not suitable for wall or ceiling mounting.

Motor Frame	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt. (lb)	Description	Dimension Sheet
DC1810ATZ	42384-26D	340	SVC	14	Standard Duty	609987-501
DC1811ATZ	42384-26BE	340	SVC	17	Heavy Duty	609987-501
C1811ATZ	42384-26BE	319	SVC	17	Heavy Duty	609987-1
C1812ATZ	42384-26BF	319	SVC	17	Heavy Duty	609987-1
DC2112ATZ	42384-26BH	340	SVC	29	Heavy Duty	609958-51
C2113ATZ	419914-1A	340	SVC	50	Heavy Duty	609957-1
C2512ATZ	419914-1B	634	SVC	33	Heavy Duty	609957-1
C2514ATZ	419914-1R	1,223	SVC	59	Heavy Duty	609957-1
C2515ATZ	419914-1S	634	SVC	36	Heavy Duty	609957-1
UC2812ATZ	419914-1C	1,223	SVC	37	Heavy Duty	609957-1
UC2813ATZ	419914-1T	1,223	SVC	26	Heavy Duty	609957-1
UC2815ATZ	419914-1U	1,223	SVC	42	Heavy Duty	609957-1
UC3212ATZ	419914-1D	1,606	SVC	69	Heavy Duty	609977-1
UC3214ATZ	419914-1W	1,606	SVC	76	Heavy Duty	609977-1
UC3612ATZ	419914-1E	2,166	SVC	76	Heavy Duty	609977-1

SCR drive motors, shunt wound – DPFPG, self ventilated, rigid base

5 thru 250 Hp



Features:

- High dielectric stability
- Low moment of inertia armature for fast response
- Includes thermostat on interpole
- Constant pressure brush springs and longer brushes for reduced maintenance
- Class F insulation system
- Includes grease fittings and reliefs for bearing maintenance
- Tachometer adaptable

Applications:

- Conveyors
- Plastic extruders
- Packaging machinery
- Other constant torque applications

Hp	Base/Max Speed (a)	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	List Price Motors Only (c)	Disc. Sym.	Ap'x. Shpg. Wgt. (d)	XPY Tach Kit	Blower Catalog Number	Shunt Type	Notes (e)
			Arm.	Field	Arm.	Field (b)								
5	1750/2300	L186AT	240	150/300	17.7	.74	D2005P	9,101	RSV	180	TKP1836XP	FVB3180	Straight	2,20
			500	150/300	8.5	.669	D5005P	9,101	RSV	162	TKP1836XP	FVB3180	Straight	2,20
7 1/2	1750/2300	1810AT	240	150/300	27.8	.92	D2007P	10,603	RSV	218	TKP1836XP	FVB3180	Straight	2,20
		218AT	500	150/300	13.2	.685	D5007P	10,603	RSV	235	TKP1836XP	FVB3210	Straight	2,20
10	1750/2300	219AT	240	150/300	36.6	2.14	D2010P	10,800	RSV	245	TKP1836XP	FVB3210	Straight	2,20
			500	150/300	17.2	1.36	D5010P	10,800	RSV	255	TKP1836XP	FVB3210	Straight	2,20
15	1750/2300	258AT	240	150/300	55	2.60	D2015P	12,088	RSV	375	TKP1836XP	FVB3250	Straight	2,20
			500	150/300	25.2	1.39	D5015P	12,088	RSV	375	TKP1836XP	FVB3250	Straight	2,20
20	1750/2300	259AT	240	150/300	70.5	2.48	D2020P	12,736	RSV	430	TKP1836XP	FVB3250	Straight	2,20
			500	150/300	35.1	1.24	D5020P	12,736	RSV	430	TKP1836XP	FVB3250	Straight	2,20
25	1750/2300	288AT	240	150/300	89.2	2.96	D2025P	15,694	RSV	575	TKP1836XP	FVB4280	Straight	2,20
		287-8AT	500	150/300	43.4	1.64	D5025P	15,694	RSV	490	TKP1836XP	FVB4280	Straight	2,20
30	1750/2300	288AT	240	150/300	106	2.96	D2030P	15,694	RSV	595	TKP1836XP	FVB4280	Straight	2,20
			500	150/300	50	2	D5030P	15,694	RSV	590	TKP1836XP	FVB4280	Straight	2,20
40	1750/2100	328AT	500	150/300	67.9	2.16	D5040P	21,005	RSV	784	TKP1836XP	FVB6320	Straight	2,20
50	1750/2100	328AT	500	150/300	83.7	1.99	D5050P	21,005	RSV	822	TKP1836XP	FVB6320	Straight	2,20
60	1750/2100	365-6AT	500	150/300	98.6	1.74	D5060P	28,164	RSV	790	TKP1836XP	FVB6400	Stab	2,20
75	1750/2100	366AT	500	150/300	123	1.48	D5075P	28,164	RSV	905	TKP1836XP	FVB6400	Stab	2,20
100	1750/2000	368AT	500	150/300	158	3	D50100P	37,985	RSV	1100	TKP1836XP	FVB6400	Straight	2,20
125	1750/2000	407AT	500	150/300	200	3	D50125P	43,687	RSV	1445	TKP400XP	FVB6400	Straight	2,20
150	1750/2000	409AT	500	150/300	237	2.34	D50150P	54,469	RSV	1785	TKP400XP	FVB6400	Straight	2,20
200	1750/1900	504AT	500	150/300	320	3.9	D50200P	65,961	RSV	2095	TKP500XP	FVB8500	Straight	2,20
250	1750/1900	506AT	500	150/300	392	5.01	D50250P	78,440	RSV	2540	TKP500XP	FVB8500	Straight	2,20

Notes:

- (a) DPFPG enclosure is self-ventilated. Speed can be reduced to approximately 60% of base speed with constant torque. See performance data in CA608 catalog for specific speed-torque curves. Separate blower can be used to increase operating range below 60% of base speed.
- (b) Field amps are for 150V connection on 240VDC motors; 300V connection on 500VDC motors.
- (c) Does not include price of blower.
- (d) Does not include weight of blower.
- (e) See notes on inside back flap.

180 frame motors are supplied without external conduit box, see online layout drawing for details.

SCR drive motor, shunt and stabilized shunt wound DPBV enclosure – rigid base 40 thru 500 Hp



Features:

- High dielectric stability
- Low moment of inertia armature for fast response
- Includes thermostat on interpole
- Constant pressure brush springs and longer brushes for reduced maintenance
- Class F insulation system
- Includes grease fittings and reliefs for bearing maintenance
- Tachometer adaptable
- Blower-ventilated, includes filter

Applications:

- Conveyors
- Plastic extruders
- Packaging machinery
- Other constant torque applications

Hp	Base/Max Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	List Price w/Blower & Filter	Disc. Sym.	Ap'x. Shpg. Wgt.	XPY Tach Kit	Field Type	Notes (b)
			Arm.	Field	Arm.	Field (a)							
40	1750/2100	328AT	240	150/300	138	2.64	D2040P-BV	24,447	RSV	855	TKP1836XP	STR	2,20
			500	150/300	67.9	2.16	D5040P-BV	24,447	RSV	830	TKP1836XP	STR	2,20
50	1750/2100	328AT	240	150/300	175	2.64	D2050P-BV	25,847	RSV	873	TKP1836XP	STR	2,20
			500	150/300	83.7	1.99	D5050P-BV	25,847	RSV	885	TKP1836XP	STR	2,20
60	1750/2100	366AT	240	150/300	201	5.58	D2060P2-BV	31,637	RSV	980	TKP1836XP	STR (c)	2,20
		365-6AT	500	150/300	98.6	1.74	D5060P-BV	31,637	RSV	880	TKP1836XP	STAB	2,20
75	1750/2100	366AT	240	150/300	256	5.58	D2075P2-BV	33,037	RSV	975	TKP1836XP	STR (c)	2,20
			500	150/300	123	1.48	D5075P-BV	33,037	RSV	960	TKP1836XP	STAB	2,20
100	1750/2000	368AT	500	150/300	158	3	D50100P2-BV	39,958	RSV	1145	TKP1836XP	STR (c)	2,20
125	1750/2000	368AT	500	150/300	197	3	D50125P2-BV	41,458	RSV	1170	TKP1836XP	STR (c)	2,20
150	1750/2000	407-9AT	500	150/300	238	2.69	D50150P2-BV	50,510	RSV	1519	TKP400XP	STR (c)	2,20
200	1750/1900	409AT	500	150/300	311	3.75	D50200P2-BV	59,181	RSV	1830	TKP400XP	STR (c)	2,20
250	1750/1900	504-6AT	500	150/300	405	4.85	D50250P2-BV	69,450	RSV	2175	TKP500XP	STR (c)	2,20
300	1750	506AT	500	150/300	478	6.2	D50300P2-BV	79,928	RSV	2629	TKP500XP	STR (c)	2,20
400	1750/1900	508AT	500	150/300	624	6.07	D50400P2-BV	99,298	RSV	3285	TKP5006XP	STR (c)	2,20
500	1750/1900	5010AT	500	150/300	788	6.03	D50500P2-BV	122,295	RSV	4170	TKP500XP	STR (c)	2,20

Notes: (a) Field amps are for 150V connection on 240VDC motors; 300V connection on 500VDC motors.

(b) See notes on inside back flap.

(c) Replaces previous catalog motor if it was straight shunt. Stab shunt will require new design.

Red catalog number indicates **NEW** product.

SCR drive motor, 240V armature – 240V field shunt wound DPFG – Self-ventilated rigid base and C-Face 3 thru 15 Hp



Features:

- High dielectric stability
- Low moment of inertia armature for fast response
- Includes thermostat on interpole
- Constant pressure brush springs and longer brushes for reduced maintenance
- Class F insulation system
- Includes grease fittings and reliefs for bearing maintenance
- Power Code C or M-G sets
- Maximum RPM by field weakening

Applications:

- Textile equipment
- Conveyors
- Plastic extruders
- Packaging machinery
- Other constant torque applications

Hp	Base/Max Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	List Price Motor (b)	Disc. Sym.	Ap'x. Shpg. Wgt. (c)	XPY Tach Kit	Blower Catalog Number	Notes (d)
			Arm.	Field	Arm.	Field (a)							
3	1750/2300	L186ATC	240	120/240	10.6	.445	CD2003P-2	9326	RSV	170	TKP1836XP	FVB3180	2
5	1750/2300	L186ATC	240	120/240	17.7	.484	CD2005P-2	9469	RSV	170	TKP1836XP	FVB3180	2
7 1/2	1750/2300	1810ATC	240	120/240	28.1	.458	CD2007P-2	10,821	RSV	222	TKP1836XP	FVB3180	2
10	1750/2300	219ATC	240	120/240	36.6	1.26	CD2010P-2	11,207	RSV	250	TKP1836XP	FVB3210	2
15	1750/2300	258ATC	240	120/240	55	1.25	CD2015P-2	12,720	RSV	408	TKP1836XP	FVB3250	2

Notes: (a) Field amps for 240VDC connection.

(b) Does not include price of blower and filter.

(c) Does not include weight of blower and filter. Tach mounting kits available.

(d) See notes on inside back flap. 180 frame motors are supplied without external conduit box, see online layout drawing for details.

For more information visit baldor.com or new.abb.com/motors-generators

Shunt wound SCR drive motor – TEFC, rigid base

5 thru 25 Hp



Features:

- Includes thermostat on interpole
- Constant pressure brush springs and longer brushes for reduced maintenance
- Class F insulation system
- Includes grease fittings and reliefs for bearing maintenance
- Tachometer adaptable

Applications:

- Conveyors
- Packaging machinery

Hp	Base/Max Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	List Price Motors Only	Disc. Sym.	Ap'x. Shpg. Wgt.	XPY Tach Kit	Notes (b)
			Arm.	Field	Arm.	Field (a)						
5	1750/2300	1810AT	240	150/300	17.6	0.764	D2505P	10,460	RSV	220	N/A	2
			500	150/300	8.3	0.382	D5505P	10,460	RSV	214	N/A	2
7 1/2	1750/2300	2110AT	240	150/300	26.6	2.10	D2507P	12,308	RSV	300	TKP2136XPT	2
			500	150/300	12.3	1.05	D5507P	12,308	RSV	310	TKP2136XPT	2
10	1750/2300	259AT	240	150/300	34.3	1.72	D2510P	13,875	RSV	250	TKP2136XPT	2
			500	150/300	16.3	0.86	D5510P	13,875	RSV	250	TKP2136XPT	2
15	1750/2300	288AT	240	150/300	51.7	1.96	D2515P	17,896	RSV	630	TKP2136XPT	2
			500	150/300	24.5	0.99	D5515P	17,896	RSV	630	TKP2136XPT	2
20	1750/2300	328AT	240	150/300	68.8	2.22	D2520P	23,569	RSV	850	TKP2136XPT	2
			500	150/300	32.7	1.11	D5520P	23,569	RSV	875	TKP2136XPT	2
25	1750/2300	328AT	240	150/300	84.8	2.22	D2525P	24,969	RSV	872	TKP2136XPT	2
			500	150/300	40.9	1.11	D5525P	24,969	RSV	875	TKP2136XPT	2

Notes: (a) Field amps are for 150V connection on 240VDC motors; 300V connection on 500VDC motors. Tach mounting kits available.

(b) See notes on inside back flap.

180 frame motors are supplied without external conduit box, see online layout drawing for details.

Lifting magnet generators

5 thru 40 kW



Features:

- Class H insulation with Class F temperature rise
- Precision brush holders
- Constant pressure brush springs
- Double sealed bearings
- Compound wound with drooping voltage characteristics
- CDMG generators have C-Face and base mounting

Applications:

- Crane mounted lifting magnets

kW	Base Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	Field Control Rheostat		Notes (a)
			Arm.	Field	Arm.	Field					Ohms	Amp Max.	
5	2500	1810AT	230	230	21.7	0.62	DMG2305	10,670	RSV	220	300	0.85	2
7 1/2	2500	219AT	230	230	32.6	1.15	DMG2307	10,882	RSV	245	150	1.6	2
		219AT	230	230	43.5	0.878	DMG2310	11,177	RSV	250	200	1.4	2
10	2500	219ATC	230	230	43.5	0.878	CDMG2310	11,399	RSV	250	200	1.4	2
		259AT	230	230	65	1.33	DMG2315	16,097	RSV	250	200	1.82	2
15	1750	259ATC	230	230	65	1.33	CDMG2315	16,684	RSV	250	200	1.82	2
		288AT	230	230	87	1.8	DMG2320	17,822	RSV	595	125	2.52	2
20	1750	288ATC	230	230	87	1.8	CDMG2320	18,625	RSV	613	125	2.52	2
		328AT	230	230	109	2.13	DMG2325	19,269	RSV	820	100	3.0	2
25	1750	328ATC	230	230	109	2.13	CDMG2325	20,265	RSV	886	100	3.0	2
		328AT	230	230	144	2.13	DMG2333	24,435	RSV	840	100	3.0	2
33	1750	328ATC	230	230	144	2.13	CDMG2333	25,423	RSV	880	100	3.0	2
		329AT	230	230	174	3.7	DMG2340	26,785	RSV	910	50	5.2	2

Notes:

Field control rheostat and meters are not included in price or available from ABB.

(a) See notes on inside back flap.

Tach mounting kits and cooling blowers for DC integral Hp motors



Applications: Allows addition of DC, AC and digital tachometers to large DC motors for closed-loop operation.

Features: Tach mounting kits supply adapter, coupling, accessory shaft and mounting hardware. Allows mounting to 8.5 inch accessory face on most large DC motors.

Tach mounting kits for DC integral Hp motor catalog no. ending with "P"

Tach Type	Motor Frame	Motor Enclosure	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
XPY, XPYII, DPY, BTG1000	180/360	DPFG, DPBV	14009-1	1,460	SVC	2
	210/360	TEFC	TKP2136XPT	1,460	SVC	13
	400	DPFG, DPBV	TKP400XP	1,460	SVC	2
	500	DPFG, DPBV	TKP500XP	1,460	SVC	3
XC42 or XC46	210/360	DPFG, DPBV	TKP2136XC	1,689	SVC	16
	500	DPFG, DPBV	TKP500XC	1,689	SVC	7
ENC00NV ENCODER	180/360	DPFG, DPBV	TKP1836ENC	867	SVC	17
	400	DPFG, DPBV	TKP400ENC	867	SVC	16
	500	DPFG, DPBV	TKP500ENC	867	SVC	17
NCS PANCAKE	210/360	DPFG, DPBV	TKP2136NC	65	SVC	3
	400	DPFG, DPBV	TKP400NC	65	SVC	1
	500	DPFG, DPBV	TKP500NC	575	SVC	1
AC PANCAKE	210/360	DPFG, DPBV	TKP2136AC	65	SVC	2
	400	DPFG, DPBV	TKP400AC	65	SVC	1
	500	DPFG, DPBV	TKP500AC	65	SVC	1

Blower and mounting kits for DC integral Hp motor catalog no. ending with "P"

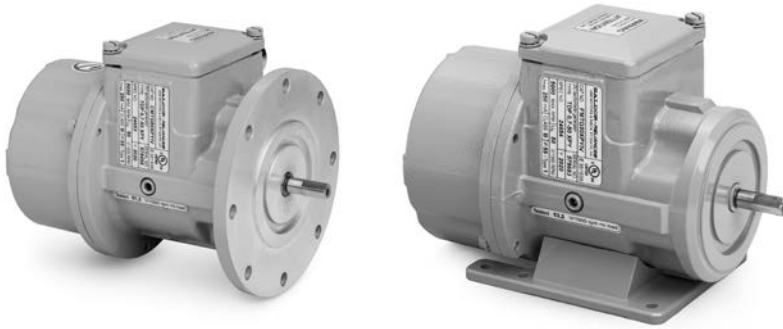
Motor Frame	Catalog Number	Blower Power	Blower Size	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
Blower and mounting kit						
180	FVB3180	1 PH	LM 3	1,491	SVC	18
210	FVB3210	3 PH	LM 3	1,491	SVC	25
250	FVB3250	3 PH	LM 3	1,491	SVC	19
280	FVB4280	3 PH	LM 4	1,823	SVC	44
320	FVB6320	3 PH	LM 6	2,123	SVC	46
360-400	FVB6400	3 PH	LM 6	2,323	SVC	59
504-506	FVB8500	3 PH	LM 8	2,750	SVC	93
508-5012	FVB95010 (a)	3 PH	LM 9	4,238	SVC	171
Filter and hardware for above blowers						
180, 210, 250	FLT3210-250 (b)	—	LM 3	791	SVC	2
280	FLT4280	—	LM 4	791	SVC	9
320, 360, 400	FLT6320-400	—	LM 6	791	SVC	14
504-506	FLT8500	—	LM 8	965	SVC	9

Notes:

(a) Includes Blower and Filter.

(b) Also used with FVB3180.

Tachometer generators DC, AC and digital output



Flange Mounted

Foot Mounted

Applications: Speed feedback for controls.

Features: Ball bearing construction, UL/CSA approved, IP55, standard mounting C-Face and foot mounted.

Generator Type	Voltage	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
XPY flange mount (DC)					
XPYIV	50VDC	CMTG50XPYIV	3,500	R3B	5.5
XPYIV	100VDC	CMTG100XPYIV	3,500	R3B	5.5
XPY foot mount (DC)					
XPYIV	50VDC	FMTG50XPYIV	3,500	R3B	6.4
XPYIV	100VDC	FMTG100XPYIV	3,500	R3B	6.4
Encoder based digital PY flange mount					
DPY	1024PPR	PTG1024LD (a)	1,895	R3B	1
Electrically isolated encoder					
E-ACC	1024PPR	ENC00NV (a)	1,932	SVC	2

Notes:

Flange mounted tachs require tach adapters.

XPY tachs have UL/CSA listing, file number E351535.

(a) See Feedback Cable Assemblies for cables.

Red catalog number indicates **NEW** product.

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

Field conversion tach mounting kits

For permanent magnet and shunt wound motors



For PY Flange mounted BTG1000, XPY, XPYII and DPY tachometers.

Complete kits consisting of fan cover (except TK3300), shaft extension coupling and tach adapter bracket with miscellaneous hardware.

If you prefer, the conversion can be made by Motor Mod Express®.

Tach kits will not work with explosion proof motors (CDPX or CDX).

See PY flange mount tachs.

Baldor-Reliance® Motor Type	Kit Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
3300P	TK3300	202	SVC	1
3400D/P	TK3400	358	SVC	4
3500D/P	TK3500	377	SVC	9
3600P	TK3600PM	498	SVC	7

NEMA 1 enclosed DC controls for PMDC and shunt wound motors

1/100 thru 2 Hp, 115/230 VAC, single phase, 50/60 Hz

Applications: General purpose industrial use with permanent magnet or shunt wound DC motors.

Features: SCR controls have a free-wheeling diode and feature adjustable accel, decel, current limit, IR comp, min. and max speed pots to match applications. The anti-demag feature protects PM motors and helps protect the SCR power bridge against direct shorts.

Rugged all-metal NEMA 1 / IP20 enclosure. Unidirectional drives - change motor rotation by switching armature leads or by adding Forward/Brake/Reverse switch kit, if available.

The controls have US and Canadian UL component recognition.

A Plug-in Horsepower Resistor® and armature fuse must be ordered and installed in BC138, BC139, BC140, BC140-FBR, BC141 and BC142.



BC140-FBR
Enclosed
(NEMA 1)



BC138
Enclosed
(NEMA 1)

Catalog Number	Hp Range & Input Voltage		Description	Max Input Current (AC Amps)	Max Output Current (DC Amps)	List Price	Disc. Sym.	Ap'x. Shpg. Wgt. (lbs)
	115VAC Input / 90VDC Armature	230VAC Input / 180VDC Armature (c)						
BC138	1/100 - 1/3	—	Enclosed SCR control, single voltage	5	3.5	218	PMS	1
BC139	—	1/50 - 3/4	Enclosed SCR control, single voltage	5	3.5	218	PMS	1
BC140	1/100 - 3/4	1/50 - 1.5	Enclosed SCR control, optional heatsink, dual voltage	12	6	369	PMS	3
	1/100 - 1 (a)	1/50 - 2 (a)		16 (a)	12 (a)			
BC140-FBR (b)	1/100 - 3/4	1/50 - 1.5	BC140 with BC144 Forward/Brake/Reverse switch factory installed	12	6	510	PMS	3
	1/100 - 1 (a)	1/50 - 2 (a)		16 (a)	12 (a)			

Notes:

(a) Max rating of 1 Hp at 115V and 2 Hp at 230V requires BC143 heatsink kit. See specification pages at the end of this section for details.

(b) FBR = Forward/Brake/Reverse switch installed

(c) Drives with 230V input can operate 90V motors at reduced performance levels. Refer to Installation & Operation Manual for details.

A Plug-in Horsepower Resistor® and armature fuse must be ordered and installed in BC138, BC139, BC140 and BC140-FBR.

DC control accessories

Catalog Number	Description	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
BC24-LF	AC Line Filter for use with CE Applications (24 Amps AC Max.)	75	PMS	1
BC143	External Heatsink Kit (BC140, BC140-FBR, BC141, BC142, BC204)	72	PMS	2
BC144	Forward-Brake-Reverse Switch Kit for BC140	124	PMS	1
BC145	Signal Isolator Board	211	PMS	1
BC147	Barrier Terminal Board (BC141 and BC142)	30	PMS	1
BC148	Replacement Potentiometer Kit (5K ohm)	13	PMS	1
BC149	Knob and Dial Kit	15	PMS	1
BC152	Barrier Terminal Board With Signal Isolator (BC141 and BC142)	193	PMS	1
BC218	DIN-rail mounting kit for BC141, BC142 or BC204	36	PMS	1

Notes:

BC24-LF is an AC line filter required for applications where CE is required if the control is not filtered elsewhere in the application.

This filter may be used on most 115 or 230 VAC, single phase applications where CE is required.

Chassis mount DC controls

1/100 thru 1.5 Hp, 115 VAC, single phase, 50/60 Hz

1/50 thru 5 Hp, 230 VAC, single phase, 50/60 Hz



BC142

Applications: General purpose industrial use with permanent magnet or shunt wound DC motors.

Features: Chassis-mount SCR controls have a free-wheeling diode and feature adjustable accel, decel, current limit, IR comp, min and max speed pots to match applications. The anti-demag feature protects PM motors and helps protect the SCR power bridge against direct shorts. The controls have US and Canadian UL component recognition.

A Plug-in Horsepower Resistor® and armature fuse **must** be ordered and installed in all versions of BC141 and BC142.

Catalog Number	Hp Range & Input Voltage		Description	Max Input Current (AC Amps)	Max Output Current (DC Amps)	List Price	Disc. Sym.	Ap'x. Shpg. Wgt. (lbs.)
	115VAC Input / 90VDC Armature	230VAC Input / 180VDC Armature (c)						
Chassis mount – SCR controls								
BC141	1/100 - 0.75	—	Chassis SCR control, optional heatsink, single voltage	12.0	8.0	202	PMS	1
	1/100 - 1.5 (a)	—		24.0 (a)	16.0 (a)			
BC141-SIH	1/100 - 0.75	—	BC141 with BC152 Signal Isolator and BC143 Heatsink factory installed	12.0	8.0	477	PMS	2
	1/100 - 1.5 (a)	—		24.0 (a)	16.0 (a)			
BC142	—	1/100 - 1.5	Chassis SCR control, optional heatsink, single voltage	12.0	8	202	PMS	2
	—	1/100 - 3.0 (a)		24.0 (a)	16.0 (a)			
BC142-SIH	—	1/100 - 1.5	BC142 with BC152 Signal Isolator and BC143 Heatsink factory installed	12.0	8.0	499	PMS	2
	—	1/100 - 3.0 (a)		24.0 (a)	16.0 (a)			
BC142-5	1/100 - 0.75	1/100 - 1.5	Chassis SCR Control, optional heatsink, dual voltage, supplied without fuses and fuse holders	12.0	8.0	225	PMS	1
	1/100 - 1.5 (a)	1/100 - 3.0 (a)		24.0 (a)	16.0 (a)			
BC142-6	1/100 - 0.75	1/100 - 1.5	Chassis SCR control, optional heatsink, dual voltage	12.0	8.0	224	PMS	1
	1/100 - 1.5 (a)	1/100 - 3.0 (a)		24.0 (a)	16.0 (a)			
BC142-6-SIH	1/100 - 0.75	1/100 - 1.5	BC142-6 with BC152 signal isolator board and BC143 Heatsink factory installed	12.0	8.0	499	PMS	1
	1/100 - 1.5 (a)	1/100 - 3.0 (a)		24.0 (a)	16.0 (a)			
BC155	—	5.0	Chassis SCR control with heatsink, single voltage	38.0	26.0	660	PMS	5
Chassis mount – line regenerative SCR controls								
BC204	1/6 - 0.75	1/3 - 1.0	Chassis regen SCR control, optional heatsink, dual voltage	12.0	8.0	377	PMS	3
	1/6 - 1.5 (a)	1/3 - 2.0 (a)		16.0 (a)	11.0 (a)			
BC204-BPSI	1/6 - 0.75	1/3 - 1.0	BC204 with BC215 Bi-polar Signal Isolator factory installed	12.0	8.0	487	PMS	3
	1/6 - 1.5 (a)	1/3 - 2.0 (a)		16.0 (a)	11.0 (a)			
BC200	1/8 - 1.0	1/4 - 2.0	Chassis regen SCR control, optional heatsink, dual voltage	16.0	11.0	704	PMS	4
BC201	1/8 - 1.5	1/4 - 3.0	Chassis regen SCR control, optional heatsink, dual voltage	16.0	16.0	836	PMS	1
BC203	—	5.0	Chassis regen SCR control, with heatsink, single voltage	38.0	25.0	1,052	PMS	10

Notes:

Chassis mount controls include 5k speed potentiometer.

Chassis mount control accessories are shown on the previous page

(a) BC143 Heatsink kit required for higher power ratings. See accessory table at the end of this section for details.

(b) Except for BC203, drives with 230V input can operate 90V motors at reduced performance levels. Refer to Installation & Operation Manual for details.

Plug-in horsepower resistor and fuse kit



Horsepower resistors should be selected based on the motor's rated current. The price of the Hp resistor and fuse is included in the BC138, BC139, BC140, BC140-FBR, BC141 and BC142 list price.

See selection below for catalog number.

Ordered as a separate item and shipped at no charge with a drive.

Spare resistor kits are available for \$11.00 list.

Motor Hp Armature Voltage		Plug-In Hp Resistor Resistance Value (Ohms)	Catalog Number	Disc. Sym.	Ap'x. DC Current (Amps)	DC Fuse Rating For Armature
90-130V	180V					
1/100	1/50	1.0	BR1000	PMS	0.20	0.5
1/50	1/25	0.51	BR0510	PMS	0.30	0.5
1/30	1/15	0.35	BR0350	PMS	0.33	0.5
1/20	1/10	0.25	BR0250	PMS	0.5	0.75
1/15	1/8	0.25	BR0251	PMS	0.8	1.0
1/12	1/6	0.18	BR0180	PMS	0.85	1.25
1/8	1/4	0.1	BR0100	PMS	1.3	2.0
1/6	1/3	0.1	BR0101	PMS	2.0	2.5
1/4	1/2	0.05	BR0050	PMS	2.5	4.0
1/3	3/4	0.035	BR0035	PMS	3.3	5.0
1/2	1	0.025	BR0025	PMS	5.0	8.0
3/4	1 1/2	0.015	BR0015SP	PMS	7.5	12.0
1 (a)	2 (a)	0.01	BR0010SP	PMS	10	15.0
1 1/2 (a)	3 (a)	0.006	BR0006	PMS	15	25.0 (b)

Notes:

(a) External heatsink required.

(b) Also used with AC line fuse. For AC line fuse rating see manual.

NEMA 4X DC control and accessories

1/4 thru 2 Hp, 115/230 VAC, single phase, 50/60 Hz

3 Hp, 230 VAC, single phase, 50/60 Hz

Applications: Constant torque, new or replacement.



BC154 / BC160 / BCWD140 / BC354

Features: NEMA 4X / IP65 sealed enclosure with built-in heatsink for wet/dirty environments. BC154, BCWD140 and BC160 are unidirectional controls. Change motor direction by switching armature leads or by adding Forward/Brake/Reverse switch kit, if available. BC254 is a line regenerative SCR control for reversing applications and can drive the motor to a timed stop. BC354 is a PWM control that provides low-ripple DC power to the motor allowing more Hp when used with a 130 or 260 VDC motor. BC154, BC160, BC254 and BC354 are painted light gray and come with a start-stop switch. BCWD140 has a white epoxy coating (ideal for food processing applications) with forward/brake/reverse and run-jog switches installed. All offer a choice of armature or tachometer feedback and a speed or torque mode.

No Hp resistors are needed for these controls and current is jumper selectable.

Catalog Number	Hp Range & Input Voltage		Description	Max Input Current (AC Amps)	Max Output Current (DC Amps)	List Price	Disc. Sym.	Ap'x. Shpg. Wgt. (lbs.)
	115VAC Input / 90VDC Armature	230VAC Input / 180VDC Armature (c)						
NEMA 4X / IP65 Washdown duty SCR controls								
BC154	1/50 - 1	1/25 - 2	Enclosed SCR control, dual voltage	15.0	10.2	467	PMS	5
BC154-P	1/50 - 1	1/25 - 2	BC154 with Power switch instead of Start/Stop switch	15.0	10.2	467	PMS	5
BC154-R	1/50 - 1	1/25 - 2	BC154 with BC156 - Fwd/Brake/Rev Switch factory installed	15.0	10.2	616	PMS	5
BC154-SI	1/50 - 1	1/25 - 2	BC154 with BC145 Signal Isolator Board and BC158 Auto/Man Switch Kit factory installed	15.0	10.2	751	PMS	5
BC160	1.5	3	Enclosed SCR control, dual voltage	22.0	15.0	537	PMS	3
NEMA 4X / IP65 Washdown duty SCR control with white epoxy coating								
BCWD140	1/50 - 1	1/25 - 2	Enclosed SCR control, dual voltage, white epoxy coating	15.0	10.2	625	PMS	6
NEMA 4X / IP65 Washdown duty line regenerative SCR control								
BC254	1/10 - 1	1/5 - 2	Enclosed regen SCR control, dual voltage (a)	15.0	11.0	673	PMS	5
BC254-FBR	1/10 - 1	1/5 - 2	BC254 with Power On/Off switch instead of Start/Stop switch and BC253 Fwd-Brake-Rev Switch factory installed	15.0	11.0	706	PMS	5
NEMA 4X / IP65 Washdown duty PWM control								
BC354	1/50 - 0.75	1/25 - 1.5	Enclosed PWM control, dual voltage, with SCR rated motor	11.5	7.5	723	PMS	5
	1/30 - 1 (b)	1/20 - 2 (b)	Enclosed PWM control, dual voltage, with PWM rated motor					

Notes:

(a) See the next page for BC254 accessories.

(b) Motors with PWM rated motors designed for 130VDC (115VAC input) or 260VDC (230VAC input) will give best drive performance.

(c) Except for BC354, drives with 230V input can operate 90V motors at reduced performance levels. Refer to Installation & Operation Manual for details.

DC SCR NEMA 4X DC control accessories

Catalog Number	Description	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
BC153	Electronic Forward-Dynamic Brake-Reverse Kit for BC154, BC354	223	PMS	1
BC156	Mechanical Forward-Dynamic Brake-Reverse Switch for BC154, BC354	145	PMS	1
BC157	Run/Jog switch for BC154 & BC160, BC354	27	PMS	1
BC158	Auto/Manual Installation Kit for BC145 signal isolator for BC154, BC160, BC354	60	PMS	1
BC159	AC Line Switch Kit for BC154, BCWD140, BC354	32	PMS	1
BC145	Signal Isolator Board	211	PMS	1

Note: BC159 AC Line Switch Kit is factory installed on BC154, BCWD140, BC254 and BC354. Listed here as replacement or spare parts.

Line regenerative DC controls and accessories

1/4 thru 3 Hp, 115/230 VAC, single phase, 50/60 Hz

5 Hp, 230 VAC, single phase, 50/60 Hz



BC254-FBR



BC200 / BC201



BC204

Applications: Frequent start/stop/reverse applications or where controlled braking is required.

Features: Single phase line regenerative open chassis control to operate permanent magnet or wound field DC motors. These line regen controls are ideal for applications with overhauling loads. In torque mode, it can be used for tensioning applications. Several accessory boards are available to further customize the control.

Includes 5k speed potentiometer. Jumper selectable current settings.

Catalog Number	Hp Range & Input Voltage		Description	Max Input Current (AC Amps)	Max Output Current (DC Amps)	List Price	Disc. Sym.	Ap'x. Shpg. Wgt. (lbs.)
	115VAC Input / 90VDC Armature	230VAC Input / 180VDC Armature (c)						
Chassis mount - line regenerative SCR								
BC204	1/6 - 0.75	1/3 - 1.0	Chassis regen SCR control, optional heatsink, dual voltage	12.0	8.0	377	PMS	3
	1/6 - 1.5 (a)	1/3 - 2.0 (a)		16.0 (a)	11.0 (a)			
BC204-BPSI	1/6 - 0.75	1/3 - 1.0	BC204 with BC215 Bi-polar Signal Isolator factory installed	12.0	8.0	487	PMS	3
	1/6 - 1.5 (a)	1/3 - 2.0 (a)		16.0 (a)	11.0 (a)			
BC200	1/8 - 1.0	1/4 - 2.0	Chassis regen SCR control, optional heatsink, dual voltage	16.0	11.0	704	PMS	4
BC201	1/8 - 1.5	1/4 - 3.0	Chassis regen SCR control, optional heatsink, dual voltage	16.0	16.0	836	PMS	1
BC203	—	5.0	Chassis regen SCR control, with heatsink, single voltage	38.0	25.0	1,052	PMS	10
NEMA 4X / IP65 Washdown duty - line regenerative SCR								
BC254	1/10 - 1	1/5 - 2	Enclosed regen SCR control, dual voltage	15.0	11.0	673	PMS	5
BC254-FBR	1/10 - 1	1/5 - 2	BC254 with Power On/Off switch instead of Start/Stop switch and BC253 Fwd-Brake-Rev Switch factory installed	15.0	11.0	706	PMS	5

Notes

Chassis mount controls include 5k speed potentiometer.

(a) BC143 Heatsink kit required for higher power ratings. See accessory table at the end of this section for details.

(c) Except for BC203, drives with 230V input can operate 90V motors at reduced performance levels. Refer to Installation & Operation Manual for details.

Line regenerative DC control accessories

Catalog Number	Description	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
Accessories for BC200, BC201 and BC203				
BC212 (b)	Bipolar signal isolator board	216	PMS	1
Accessories for BC204				
BC143	External Heatsink Kit	72	PMS	2
BC215 (b)	Bipolar signal isolator board	100	PMS	3
BC216	Multispeed board for BC204	77	PMS	1
BC218	DIN rail mounting kit	36	PMS	1
Accessories for BC254				
BC245 (b)	Bipolar signal isolator for BC254	213	PMS	1
BC253	Forward-Stop-Brake-Reverse Switch for BC254	27	PMS	1
BC258	Auto-manual Switch for BC254	60	PMS	1
BC259	AC Line Switch for BC254	27	PMS	5

Note: (b) Voltage following mode only.

NEMA enclosed DC control specifications

Features	Catalog Number													
	BC138	BC139	BC140 or BC140-FBR		BCWD140		BC154		BC160		BC254 or BC254-FBR		BC354	
Enclosure	NEMA 1	NEMA 1	NEMA 1		NEMA 4X		NEMA 4X		NEMA 4X		NEMA 4X		NEMA 4X	
Control Type	Reversible		Reversible		Reversible		Reversible		Reversible		Regenerative		Regenerative	
AC Line Input (VAC 50/60Hz)	115	230	115	230	115	230	115	230	115	230	115	230	115	230
Max. AC Load Current (RMS)	5.0	5.0	12.0	12.0	15.0	15.0	15.0	15.0	22	22	15	15	11.5	11.5
Max. AC Load Current (RMS) w/ BC143	—	—	16.0	16.0	—	—	—	—	—	—	—	—	—	—
DC Armature Voltage Nominal (VDC)	90	180	90-130	180	90	180	90	180	90	180	90	180	90	180
Max. DC Load Current (ADC)	3.5	3.5	6.0	6.0	10.2	10.2	10.2	10.2	15	15	11	11	7.5	7.5
Max. DC Load Current (ADC) w/ BC143	—	—	12.0	12.0	—	—	—	—	—	—	—	—	—	—
Shunt Field Power Supply (VDC)	50/100	100/200	50/100	100/200	50/100	100/200	50/100	100/200	50/100	100/200	50/100	100/200	50/100	100/200
Maximum Field Current (ADC)	1.0	1.0	1.0	1.0	1.13	1.13	1.0	1.0	1.5	1.5	1.0	1.0	1.0	1.0
Rated Horsepower Range (SCR motor)	1/100 - 1/3	1/50 - 3/4	1/100 - 3/4	1/50 - 1 1/2	1/50 - 1	1/25 - 2	1/50 - 1	1/25 - 2	1.5	3	1/10 - 1	1/5 - 2	1/50 - 3/4	1/25 - 1.5
Rated Horsepower Range (PWM motor)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1/30 - 1	1/20 - 2
Max. Hp with BC143 Ext. Heat Sink	N/A	N/A	1 Hp	2Hp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NA	N/A	N/A
Ambient Temp Range (°C)	0 - 40	0 - 40	0 - 40		0 - 40		0 - 40		0 - 45		0 - 40		0 - 40	
Ambient Temp Range w/ BC143 (°C)	N/A	N/A	0 - 50		N/A		N/A		N/A		N/A		N/A	
Speed Range (Motor May Be 20:1 Constant Torque)	50:1	50:1	50:1		50:1		50:1		50:1		50:1		50:1	
Adjustable Accel / Decel Time (sec)	0.2 - 10	0.2 - 10	0.2 - 10		0.1 - 15		0.1 - 15		0.1 - 15		0.2 - 15		0.5 - 10	
Min. Speed Adjustable Range (% full speed)	0 - 30	0 -30	0 - 30		0 - 30		0 - 30		0 -30		N/A		N/A	
Max. Speed Adjustable Range (% full speed)	50 - 110	50 - 110	50 - 110		60 - 140		60 - 140		50 - 110		40 - 110		50 - 140	
Current Limit Adjustable Range (%)	0 - 200	0 - 200	0 - 200		0 - 200		0 - 200		0 - 180		0 - 200		0 - 200	
Adjustable Current Limit and Trip Out Type	No	No	No		Timed or Non-Timed		Timed or Non-Timed		Timed or Non-Timed		Timed or Non-Timed		Timed or Non-Timed	
Control Of Speed or Torque	Speed	Speed	Speed		Speed or Torque		Speed or Torque		Speed or Torque		Speed or Torque		Speed or Torque	
IR Compensation Adjustable (VDC)	0 - 24	0 - 24	0 - 24	0 - 48	0 - 15	0 - 30	0 - 15	0 - 30	0 - 30		0 - 15	0 - 30	0 - 15	0 - 30
Tachometer Feedback Input	No	No	No		Yes		Yes		Yes		Yes		Yes	
Plug-In Horsepower Resistor ®	Required	Required	Required		N/A		N/A		N/A		N/A		N/A	
UL & cUL Listing, CE	Yes	Yes	Yes		Yes		Yes		Yes		Yes		Yes	
AC Line Fuse	Included	Included	Included		External		External		External		External		External	
DC Armature Fuse	Included with Hp Resistor	Included with Hp Resistor	Included with Hp Resistor		Not supplied with control		Not supplied with control		External		External		External	
Options														
AC Line Switch	Standard	Standard	Standard		Opt-BC159		Opt - BC159		No		Opt - BC159		Opt - BC159	
Forward/Brake/Reverse Switch			(BC140)				(BC254)							
Mechanical	No	No	Opt - BC144		Standard		Opt - BC156		No		Opt - BC253		Opt - BC156	
Electronic	No	No	No		Opt - BC153		Opt - BC153		No		No		Opt - BC153	
Run/Jog Switch	No	No	No		Standard		Opt-BC157		Opt-BC157		No		Opt - BC157	
Input Signal:	No	No	External Mount Opt - BC145		Internal Mount Opt - BC145		Internal Mount Opt - BC145		Internal Mount Opt - BC145		No		Internal Mount Opt - BC145	
Current (1-5, 4-20, 20-50mA)														
Input Signal:	No	No	Opt - BC145		0-5, 0-10 VDC input standard		0-5, 0-10 VDC input standard		0-5, 0-10 VDC input standard		0-5, 0-10 VDC input standard		0-5, 0-10 VDC input standard	
Voltage (0-25, 0-120, 0-550 VDC)														
Electrical Connection to Control Barrier Terminal Block	Standard	Standard	Standard		Standard		Standard		Standard		Standard		Standard	
Current Sensing Relay/ Overload Protector	No	No	No		Standard		Standard		Standard		Standard		Standard	
AC Line Filter for CE	Opt -BC24-LF		Opt-BC24-LF		Opt-BC24-LF		Opt-BC24-LF		Opt-BC24-LF		Opt-BC24-LF		Opt-BC24-LF	

NEMA enclosed DC control specifications

Features	Catalog Number											
	BC141	BC142	BC142-5 & BC142-6		BC155	BC204		BC200		BC201		BC203
Enclosure	Chassis	Chassis	Chassis		Chassis	Chassis		Chassis		Chassis		Chassis
Control Type	Reversible	Reversible	Reversible		Reversible	Regenerative		Regenerative		Regenerative		Regenerative
AC Line Input (VAC 50/60Hz)	115	230	115	230	230	115	230	115	230	115	230	230
Max. AC Load Current (RMS)	12.0	12.0	12.0	12.0	38.0	12.0	12.0	16.0	16.0	24.0	24.0	38.0
Max. AC Load Current (RMS) w/ BC143	24.0	24.0	24.0	24.0	N/A	16.0	16.0	N/A	N/A	N/A	N/A	N/A
DC Armature Voltage Nominal (VDC)	90	180	90	180	180	90	180	90	180	90	180	180
Max. DC Load Current (ADC)	8.0	8.0	8.0	8.0	26.0	8.0	8.0	11.0	11.0	16.0	16.0	25.0
Max. DC Load Current (ADC) w/ BC143	16.0	16.0	16.0	16.0	N/A	11.0	11.0	N/A	N/A	N/A	N/A	N/A
Shunt Field Power Supply (VDC)	50/100	100/200	50/100	100/200	100/200	50/100	100/200	50/100	100/200	50/100	100/200	100/200
Maximum Field Current (ADC)	1.13	1.13	1.13	1.13	2.5	1.0	1.0	3.0	3.0	3.0	3.0	3.0
Rated Horsepower Range	1/100 - 0.75	1/100 - 1.5	1/100 - 0.75	1/100 - 1.5	5	1/6 - 0.75	1/3 - 1	1/4 - 1	1/2 - 2	1/8 - 1.5	1/4 - 3	5
Max. Hp with BC143 Ext. Heat Sink	1/100 - 1.5	1/50 - 3	1/100 - 1.5	1/50 - 3	N/A	1/6 - 1.5	1/3 - 2	N/A		N/A		N/A
Ambient Temp Range (°C)	0 - 40	0 - 40	0 - 40		0 - 40	0 - 40		0 - 45 (horiz) 0 - 50 (vert)		0 - 45 (horiz) 0 - 50 (vert)		0 - 40
Ambient Temp Range w/ BC143 (°C)	0 - 40	0 - 40	0 - 40		N/A	0 - 40		N/A		N/A		N/A
Speed Range (Motor may be 20:1Constant Torque)	50:1	50:1	50:1		50:1	50:1		50:1		50:1		50:1
Adjustable Accel / Decel Time (sec)	0.2 - 10	0.2 - 10	0.2 - 10		1 - 10	0.1 - 15		0.1 - 15		0.1 - 15		0.5 - 10
Min. Speed Adjustable Range (% full speed)	0 - 30	0 - 30	0 - 30		0 - 30	N/A		N/A		N/A		0 - 30
Max. Speed Adjustable Range (% full speed)	50 - 110	50 - 110	50 - 110		50 - 110	50 - 110		70 - 110		70 - 110		50 - 140
Current Limit Adjustable Range (%)	0 - 200	0 - 200	0 - 200		0 - 200	0 - 175		1 - 15		1 - 15		0 - 200
Adjustable Current Limit and Tripout Type	Non Timed	Non Timed	Non Timed		Non Timed	Non Timed		Timed		Timed		Timed
Control of Speed or Torque	Speed	Speed	Speed		Speed or Torque	Speed or Torque	Speed or Torque	Speed or Torque	Speed or Torque	Speed or Torque	Speed or Torque	Speed
IR Compensation Adjustment	Yes	Yes	Yes		Yes	Yes		Yes		Yes		Yes
Tachometer Feedback Input	Yes	Yes	Yes		Yes	Yes		Yes		Yes		Yes
Plug-in Horsepower Resistor®	Required	Required	Required		N/A	N/A		N/A		N/A		N/A
UL & cUL Listing, CE	Yes	Yes	Yes		Yes	Yes		Yes		Yes		Yes
AC Line Fuse	Included	Included	Included		External	External		Included		Included		External
DC Armature Fuse	Included with Hp Resistor	Included with Hp Resistor	Included with Hp Resistor		Included with Hp Resistor	External		Included		Included		External
Options												
Input Signal:	Plug on Mount		Plug on Mount		External Mount Opt - BC145	None		None		None		None
Current (4-20mA)	Opt - BC152		Opt - BC152									
Input Signal:	External Mount		External Mount									
Current (1-5, 4-20, 20-50mA)	Opt - BC145		Opt - BC145									
Input Signal:	0-9 VDC		0-9 VDC		0 to 9 VDC	0 to ± 10 VDC		0 to ± 10 VDC		0 to ± 10 VDC		0 to ± 10 VDC
Voltage (must be isolated)	Standard		Standard		Standard	Standard		Standard		Standard		Standard
Input Signal:	Plug on Mount		Plug on Mount		External Mount	±5 to ±25 VDC		±5 to ±250 VDC		±5 to ±250 VDC		±5 to ±250 VDC
Voltage (0-5, 0-10, 1-100, or 0-200 VDC)	Opt - BC152		Opt - BC152									
Input Signal:	External Mount		External Mount									
Voltage (0-25, 0-120, or 0-550 VDC)	Opt - BC145		Opt - BC145									
Push-On Quick Connects	Standard		Standard		None	None		None		None		None
Barrier Terminal Block	Opt - BC147		Opt - BC147									
Regenerative												
Accel / Decel Board	None	None	None		None	None		Opt - BC211		Opt - BC211		Opt - BC211
AC Line Filter for CE	Opt - BC24-LF		Opt - BC24-LF		Opt - BC24-LF	Opt - BC24-LF		Opt - BC24-LF		Opt - BC24-LF		Opt - BC24-LF

C-Face kits for field conversion

NEMA AC motors



Features:

Complete kits with all hardware necessary for converting Baldor-Reliance® 56 through 449T frame rigid base motors to “C-Face” mounting with base. For factory conversion, refer to the Mod Express® section in this catalog. Please furnish the motor specification number when ordering. NEMA “BA” dimension will be non-standard after conversion on NEMA 143-5T, 182-4T, 213-5T and 254-6T frame motors.

Catalog Number	Description Frame (Baldor-Reliance type)	Enclosure	Bearing	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	
Enclosed – General Purpose							
34-3900T	48C (34)	TEFC	6203	60	SVC	1	
34-171	56C (34)	TEFC	6203	60	SVC	2	
34-3300FD	56C (34) w/Lip Seal	TEFC	6203	69	SVC	2	
34-3903T	143-5TC (34)	TEFC	6205	76	SVC	2	
34-3903T-GLD	143-5TC (34)	TEFC	6205	76	SVC	2	
35-8762	56C,143-5TC (35)	TEFC	6205	85	SVC	3	
35-8762GLD	56C,143-5TC (35)	TEFC	6205	85	SVC	3	
35-3304	182-4TC (35)	TEFC	6206	85	SVC	4	
35-1300	56C,143-5TC (35)	TEFC	6205	120	SVC	6	
35-1300GLD	56C,143-5TC (35)	TEFC	6205	120	SVC	6	
35-3300FD	56C, 143-5TC (35) w/lip seal	TEFC	6205	138	SVC	6	
35-1325	182-4TC (35)	TEFC	6206	154	SVC	11	
35-1325GLD	182-4TC (35)	TEFC	6206	154	SVC	11	
36-1037	182-4C (36)	TEFC	6206	137	SVC	8	
36-1037GLD	182-4C (36)	TEFC	6206	137	SVC	7	
36-3303FD	182-4C (36) w/lip seal	TEFC	6206	158	SVC	8	
36-3303FDA	182-4C (36) w/lip seal & eyebolt prevision	TEFC	6206	158	SVC	8	
36-3301	182-4TC (36)	TEFC	6206	99	SVC	5	
36-3301GLD	182-4TC (36)	TEFC	6206	99	SVC	5	
36-1749	182-4TC (36)	TEFC	6206	173	SVC	12	
36-3301FD	182-4TC (36) w/lip seal	TEFC	6206	198	SVC	12	
36-3301FDA	182-4TC (36) w/lip seal & eyebolt prevision	TEFC	6206	198	SVC	12	
36-1749GLD	182-4TC (36)	TEFC	6206	173	SVC	12	
37-1304	213-5C, TC (37)	TEFC	6307	192	SVC	12	
37-1304GLD	213-5C, TC (37)	TEFC	6307	192	SVC	12	
37-3301FD	213-5C, TC (37) w/lip seal	TEFC	6307	221	SVC	12	
37-1302	254-6UC, TC (37)	TEFC	6309	292	SVC	18	
37-1302GLD	254-6UC, TC (37)	TEFC	6309	292	SVC	18	
09-1309GLD	254-6UC, TC (09)	●	TEFC	6309	394	SVC	22
09-1310GLD	284-6UC, TC (09)	●	TEFC	6311	596	SVC	22
10-1304GLD	324-6UC, TC (10)	●	TEFC	6312	483	SVC	32
10-1305GLD	284-6UC, TC (10)	●	TEFC	6311	457	SVC	32
12-1105GLD	324-6UC, TC (12)	TEFC	6312	563	SVC	48	
44-1402	404-5UC, TC (44)	**	TEFC	6316 4 & 6 pole	1,086	SVC	120
44-1402GLD	404-5UC, TC (44)	**	TEFC	6316 4 & 6 pole	1,086	SVC	120
44-1403	404-5UC, TSC (44)	**	TEFC	6313 2 pole	1,086	SVC	120
44-1403GLD	404-5UC, TSC (44)	**	TEFC	6313 2 pole	1,086	SVC	120
Severe Duty XT							
09-1309XT	254-6UC, TC (09)	●	TEFC	6309	394	SVC	22
10-1305XT	284-6UC, TC (10)	●	TEFC	6311	457	SVC	32
12-1105XT	324-6UC, TC (12)	TEFC	6312	563	SVC	48	
K36G2XT	364-5UC, TC	TEFC	6313	730	SVC	69	
K40G71XT	404-5UC, TC G series design	TEFC	6316	1,665	SVC	75	
K40G70XT	404-5UC, TC G series design	●	TEFC	6313	1,086	SVC	30
K44G71XT	444-9UC, TC G series design	*	TEFC	6318, 4 & 6 pole	1,765	SVC	249

Note: Specification number of motor should be verified when ordering.

Kits that have catalog numbers ending in “GLD” are for use on Super-E® gold motors.

● = Suitable only for field conversion of motors manufactured with external rabbets on the stator housings.

* * = Usable on catalog motors that have footnote #56.

* = Contact your local sales office with nameplate specification number to determine correct kit.

Red catalog number indicates **NEW** product

For more information visit baldor.com or new.abb.com/motors-generators

C-Face kits for field conversion – NEMA AC motors

Catalog Number	Description Frame (Baldor-Reliance type)	Enclosure	Bearing	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
Severe Duty XEX						
09-1309	254-6UC, TC (09)	TEFC	6309	394	SVC	22
09-1310	284-6UC, TC (09)	TEFC	6311	596	SVC	22
10-1304	324-6UC, TC (10)	TEFC	6312	483	SVC	32
10-1305	284-6UC, TC (10)	TEFC	6311	457	SVC	32
12-1105	324-6UC, TC (12)	TEFC	6312	563	SVC	48
K36G2	364-5UC, TC	TEFC	6313	730	SVC	69
K40G71	404-5UC, TC G series design	TEFC	6316	1,665	SVC	75
K40G70	404-5UC, TC G series design	TEFC	6313	1,086	SVC	30
K44G70	444-9UC, TC G series design	TEFC	6313	1,665	SVC	40
K44G71	444-9UC, TC G series design	TEFC	6318, 4 & 6 pole	1,765	SVC	249
Crusher duty ***						
09-9154CR	254-6TC, Crusher duty	TEFC	6311	437	SVC	22
12-9404CR	324-6TC, Crusher duty	TEFC	6313	657	SVC	48
841XL						
10-1305ECP8	284-6TC, IEEE-841 (10)	TEFC	6311	894	SVC	32
12-1105ECP8	324-6TC, IEEE-841 (12)	TEFC	6312	1,124	SVC	48
K36G801	364-5TC IEEE-841	TEFC	6313	1,298	SVC	75
K40G802	404-5TC G series design: IEEE-841	TEFC	6316	1,722	SVC	30
K40G801	404-5TC G series design: IEEE-841	TEFC	6313	2,448	SVC	113
K44G801	444-9UC, TC G series design: IEEE-841	TEFC	6313	2,448	SVC	40
K44G802	444-9UC, TC G series design: IEEE-841	TEFC	6318, 4 & 6 pole	2,448	SVC	251
Open						
34-3903A	143-5TC (34)	ODP	6205	73	SVC	2
34-3903A-GLD	143-5TC (34)	ODP	6205	73	SVC	2
35-8764	56C,143-5TC (35)	ODP	6205	77	SVC	3
35-8764GLD	56C,143-5TC (35)	ODP	6205	77	SVC	3
35-1409	182-4TC (35)	ODP	6206	172	SVC	11
35-1409GLD	182-4TC (35)	ODP	6206	172	SVC	11
36-1206A	213-5TC (36)	OPSB	6207	176	SVC	13
36-1206A-GLD	213-5TC (36)	OPSB	6207	176	SVC	13
36-1206B	213-5TC (36)	ODP	6207	186	SVC	14
36-1206B-GLD	213-5TC (36)	ODP	6207	186	SVC	14
36-486	182-4C (36)	ODP	6206	194	SVC	8
36-486GLD	182-4C (36)	ODP	6206	194	SVC	8
36-3403	182-4TC (36)	ODP	6206	116	SVC	5
36-3403GLD	182-4TC (36)	ODP	6206	116	SVC	5
37-1404	213-5C, TC (37)	ODP	6307	254	SVC	14
37-1404GLD	213-5C, TC (37)	ODP	6307	254	SVC	14
37-1402	254-6UC, TC (37)	ODP	6309	274	SVC	18
37-1402GLD	254-6UC, TC (37)	ODP	6309	274	SVC	18
39-3400	254-6UC, TC (39)	ODP	6309	256	SVC	19
39-1403	284-6UC, TC (39)	ODP	6311	411	SVC	21
39-1403GLD	284-6UC, TC (39)	ODP	6311	411	SVC	21
40-1400	284-6UC, TC (40)	ODP	6311	417	SVC	30
40-1400GLD	284-6UC, TC (40)	ODP	6311	417	SVC	30
40-1401	324-6 UC, TC (40)	ODP	6312	469	SVC	40
40-1401GLD	324-6 UC, TC (40)	ODP	6312	469	SVC	40
42-1300	324-6UC, TC (42)	ODP	6312	750	SVC	36
42-1300GLD	324-6UC, TC (42)	ODP	6312	750	SVC	36
42-1400	364-5UC, TC (42)	ODP	6313	730	SVC	30
42-1400GLD	364-5UC, TC (42)	ODP	6313	730	SVC	30
44-1403A	404-5USC, TSC (44)	ODP	6316	844	SVC	40
44-1403A-GLD	404-5USC, TSC (44)	ODP	6316	844	SVC	40

Note: Specification number of motor should be verified when ordering.

Kits that have catalog numbers ending in "GLD" are for use on Super-E® gold motors.

● = Suitable only for field conversion of motors manufactured with external rabbets on the stator housings.

*** = For Crusher duty frames 360 and above, use Severe duty kits.

** = Usable on catalog motors that have footnote #56.

* = Contact your local sales office with nameplate specification number to determine correct kit.

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

C-Face kits for field conversion

NEMA DC SCR drive motor



Features: For non-laminated frame DC motors with catalog numbers ending in “P”.

Catalog Number	Frame	Bearing	Enclosure	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
180-5002	180ATC	6206	Drip-Proof	903	SVC	18
210-5001	210ATC	6207	Drip Proof or Totally Enclosed	1,193	SVC	12
250-5001	250ATC	6209	Drip Proof of Totally Enclosed	1,668	SVC	75
280-5002	280ATC	6210	Drip Proof	2,343	SVC	57
320-5002	320ATC	6211	Drip Proof	3,080	SVC	87

Double C-Face motor brake kits

Coil voltage: 115/208-230



Features: Double C-Face coupler brakes. Mounts on motors with C-Face, provides NEMA C-Face mounting on brake. Spring set, electrically released.

Brake Rating	Brake Mounting	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
3 ft-lb	56C	CBK003-1	670	SVC	12
6 ft-lb	56C	CBK006-1	986	SVC	12
6 ft-lb	145TC	CBK006-2	986	SVC	12
10 ft-lb	145TC	CBK010-1	1,150	SVC	12
15 ft-lb	145TC	CBK015-1	1,725	SVC	12

Conduit box kits



Frame Size	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt. Lbs.
Conduit box kit – standard size				
42	33CB5000A01SP	40	SVC	1
48	34CB5001A01SP	39	SVC	1
48	34CB5001A01SP-GLD	39	SVC	1
56 - 143-5T	35CB5001A01SP	42	SVC	1
56 - 143-5T	35CB5001A01SP-GLD	42	SVC	1
182T-4T	36CB5001A01SP	45	SVC	1
182T-4T	36CB5001A01SP-GLD	45	SVC	1
182T-4T	36CB5001A06SP	50	SVC	2
182T-4T	36CB5001A06SP-GLD	50	SVC	2
182T-4T	36CB5001A07SP	70	SVC	2
213T-5T	37CB5002A06SP	50	SVC	3
213T-5T	37CB5002A06SP-GLD	50	SVC	3
213T-5T	37CB5002A07SP	50	SVC	4
213T-5T	37CB5002A07SP-GLD	50	SVC	4
184T,215T,254-6	09CB5001A01SP	82	SVC	3
184T,215T,254-6	09CB5001A01SP-GLD	82	SVC	3
184T,215T,254-6	09CB5001A15SP	69	SVC	3
184T,215T,254-6	09CB5001A15SP-GLD	69	SVC	3
254-6T,284-6,324-6	10CB5001A01SP	119	SVC	6
254-6T,284-6,324-6	10CB5001A01SP-GLD	119	SVC	6
254-6T,284-6,324-6	10CB5002A01SP	132	SVC	4
254-6T,284-6,324-6	10CB5002A01SP-GLD	132	SVC	4
360T - Cast Iron	K36G8	365	SVC	22
400T - Cast Iron	K40G8	365	SVC	35
440T - Cast Iron	K44G8	375	SVC	55
56-143-5T	35CB5016WWSP	35	SVC	1
182T-4T	36CB5016WWSP	40	SVC	2
213T-5T	37CB5016WWSP	40	SVC	4
254T-56T	39CB5016WWSP	50	SVC	5
Conduit box kit – oversize				
360T - Cast Iron	K36G9	375	SVC	25
400T - Cast Iron	K40G9	375	SVC	30
440T - Cast Iron	K44G9	445	SVC	135
586/7/8 Crusher duty oversized conduit box	3GZF101050-271	5,780	SVC	175
586/7/8 Crusher duty blank gland plate	3GZF293730-11	136	SVC	14

Red catalog number indicates **NEW** product
 WWSP in the Catalog Number indicates white washdown

Frame Size	Catalog Number	List Price	Disc. Sym.
Auxiliary conduit box kits			
440	K44G5	752	SVC

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

D-Flange kits



Complete kit with hardware necessary for converting either foot mount or C-Face 143T thru 326T motors to D-Flange mounting. Please note that using these kits to modify the 143T thru 184T foot mounted motors will result in a non-standard NEMA BA dimension. Modified C-Face motors will have standard BA dimensions.

Please furnish the motor specification number when ordering.

NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Weight Lbs.
143-145T (1)	TEFC	35EP1506A01SP	245	SVC	8
182-184T (2)	TEFC	36EP1304A62SP	275	SVC	15
286-286 U,T	TEFC	10EP1502A01SP	581	SVC	39
324-326 U,T	TEFC	12EP1501A03SP	1,003	SVC	50

Notes:
(1) 143T-145T foot mount motor modified with kit 35EP1506A01SP will have Non-standard NEMA BA dimension of 2.25".
(2) 182T-184T foot mount motor modified with kit 36EP1304A62SP will have Non-standard NEMA BA dimension of 2.75".

Drain fitting kit

TEFC motors 48 thru 215T



Applications: Increase general purpose IP44 enclosures to IP54 protection level by installing drain plugs in motor weep hole drains.

Features: Kit consists of quantity (2) plastic push in drain fittings and instructions for proper installation. Can be installed in steel band and cast iron frame motors.

Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Weight Lbs.
HA5027A03	7	SVC	1

Drip covers for field conversion

Standard ODP motors to vertical mount



Features: Complete kits with all hardware, attaches to endplate with no drilling. Designed to protect open steel band motors from rain, snow and ice when mounted outdoors in a vertical position. Primed and painted inside and out.

For a factory conversion, refer to the Mod Express® section in this catalog.

Catalog Number	Frame	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
FCD34	48-56, Type 34	94	SVC	1
FCD35 *	56-145T, Type 35 (plastic)	25	SVC	1
FCD35M *	56-145T, Type 35 (metal)	94	SVC	2
FCD36	182T-184T, Type 36	115	SVC	2
FCD37	213T-256T, Type 37	139	SVC	3
FCD39	254T-256T, Type 39	186	SVC	3
FCD40	284-286, Type 40	275	SVC	12
FCD42	324-326, Type 42	275	SVC	5

Note: * FCD35 is plastic. FCD35M is the metal version.

Drip covers for field conversion

Standard TEFC motors



Features: Complete Drip cover assembly including fan cover. Primed and painted Super E gold inside and out.

For a factory conversion, refer to the Mod Express * section of this catalog.

Catalog Number	Frame	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
FCD34TEFC	48-56, Type 34, GP & XP	110	SVC	1
FCD35TEFC	56-145T, Type 35, GP & XP	150	SVC	1
FCD36TEFC	182T-184T, Type 36, GP	161	SVC	2
FCD37TEFC	213T-256T, Type 37, GP	165	SVC	2

Red catalog number indicates **NEW** product.

Cast iron fan cover for field conversion

Standard TEFC cast iron motors



Applications: For cast iron construction.

Features: Complete kits consists of cast iron fan covers and all necessary mounting hardware. These kits replace the standard steel fan cover when used.

For a factory conversion, refer to the Mod Express® section in this catalog.

Catalog Number	Description	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
FFC05	05/143-5T	149	SVC	6
K18G8 **	06/182-4T E Line	160	SVC	10
K18G9 **	07/213-5T E Line	160	SVC	15
FFC09	09/254-6U & T	221	SVC	20
K18G10 **	09/254-6T E Line	199	SVC	20
K18G11 **	10/324-6T E Line	199	SVC	25
K18G12 **	12/364-5T E Line	210	SVC	35
FFC18 **	404-5T E Line	289	SVC	90
FFC19 **	444-9T E Line	352	SVC	120

Notes: ** Contact your local sales office with nameplate specification number to determine correct kit.
Not available on 280 frame due to replacement of bearing, endplate, and mounting configuration.

■ Cast iron frame

Cast iron fan cover and conduit boxes for field conversion

Standard TEFC cast iron motors



Applications: For all cast iron construction.

Features: Complete kits consists of cast iron fan covers and cast iron conduit boxes when necessary. The kits also include all necessary mounting hardware. These kits replace the standard steel fan cover and aluminum conduit box when used.

For a factory conversion, refer to the Mod Express section in this catalog.

Catalog Number	Description	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.
FFC07WB	07/213-5T	236	SVC	19
FFC09WB	09/254-6U & T	324	SVC	28
K36G50	360T	1,363	SVC	123

Notes: Not for use on explosion proof motors.

■ Cast iron frame

Adjustable motor bases



These motor bases simplify mounting and belt tension adjustment at installation and during later maintenance checks. These are heavy duty adjustable motor bases manufactured of steel or plate. All bases are detergent washed, painted with dark gray primer and oven baked for corrosion resistance. The nuts and bolts are zinc plated. NEMA 215T and smaller bases feature one adjusting screw. Bases for NEMA 254T frame and larger motors feature two adjusting screws. Motor mounting bolts are included. Bases listed can be used with motor frame numbers given and succeeded by the letters S, T, U, US and TS, or any other letter combinations provided the motors' base meets NEMA standards.

NEMA Frame Motors	Base Catalog Number	List Price	Disc. Sym.	No. of Adjusting Screws	Motor Mounting Bolt Size	Ap'x Shpg. Wgt.
48	B48T	107	SVC	1	5/16 x 1	3
56	B56T	107	SVC	1	5/16 x 1	5
143T	B143T	137	SVC	1	5/16 x 1	6
145T	B145T	137	SVC	1	5/16 x 1	7
182T	B182T	145	SVC	1	3/8 x 1 1/2	10
184T	B184T	145	SVC	1	3/8 x 1 1/2	10
213T	B213T	168	SVC	1	3/8 x 1 1/2	14
215T	B215T	168	SVC	1	3/8 x 1 1/2	15
254T	B254T	276	SVC	2	1/2 x 1 3/4	21
256T	B256T	276	SVC	2	1/2 x 1 3/4	21
284T	B284T	314	SVC	2	1/2 x 2	24
286T	B286T	314	SVC	2	1/2 x 2	24
324T	B324T	485	SVC	2	5/8 x 2 1/2	34
326T	B326T	485	SVC	2	5/8 x 2 1/2	37
364T	B364T	604	SVC	2	5/8 x 2 1/2	48
365T	B365T	604	SVC	2	5/8 x 2 1/2	50
404T	B404T	898	SVC	2	3/4 x 3	62
405T	B405T	898	SVC	2	3/4 x 3	66
444T	B444T	1,097	SVC	2	3/4 x 3	70
445T	B445T	1,097	SVC	2	3/4 x 3	71
447T	B447T	1,293	SVC	2	3/4 x 3 1/2	93
449T	B449T	1,293	SVC	2	3/4 x 3 1/2	99
G5008-G5012	B5000RLS (1)	1,948	SVC	2	7/8 x 3 1/2	149

Notes: Bases not suitable for vertical mounting. **See base dimensions on next page.**

(1) One adjustable motor rail.

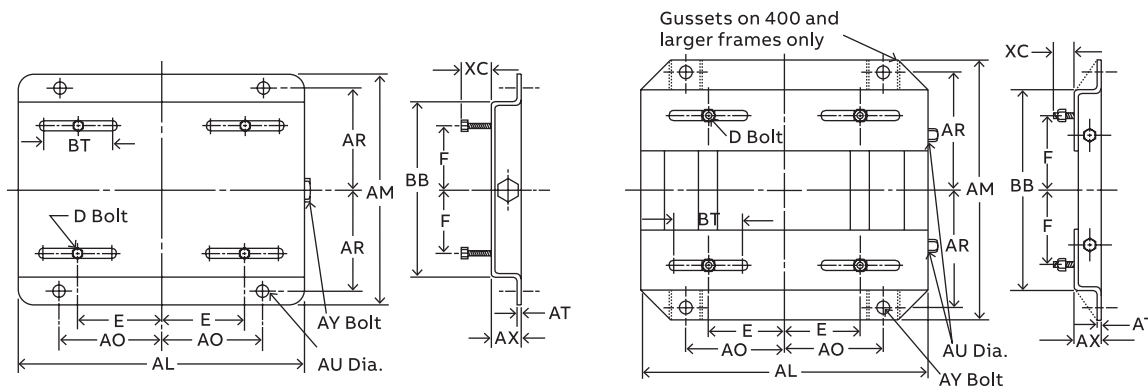
Bushing kit



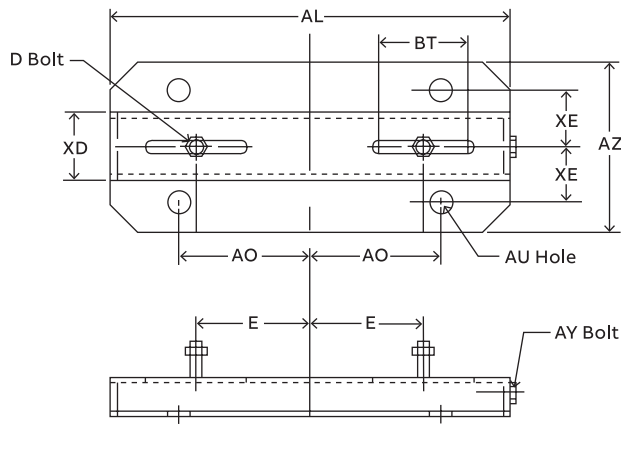
Reduce bore size of Quill type input shaft from 7/8 to 5/8.
Sintered metal bushing with integral internal and external keys.

Catalog Number	List Price	Disc. Sym.
133-6FbA	69	SVC

Adjustable motor bases dimension diagrams



NEMA Frame	Catalog Number	E	F	AL	AM	AO	AR	AT	AU	AX	BB	BT	XC	D Bolt	AY Bolt
48	B48T	2.125	1.375	10.00	6.25	3.50	2.75				4.25				
56	B56T	2.437	1.50	10.625	6.50	3.812	2.875	0.078	0.375	1.125	4.50	3.00	0.875	5/16 x 1	3/8 x 4
143	B143T	2.75	2.00	10.50	7.50	3.75	3.375	0.109	0.375	1.125	5.50	3.00	0.812	5/16 x 1	3/8 x 4
145	B145T		2.50		8.50		3.875				6.50				
182	B182T		2.25		9.50		4.25				6.50				
184	B184T	3.75	2.75	12.75	10.50	4.50	4.75	0.140	0.50	1.50	7.50	3.00	1.50	3/8 x 1-3/4	1/2 x 5
213	B213T		2.75		11.00		4.75				7.50				
215	B215T	4.25	3.50	15.00	12.50	5.25	5.50	0.156	0.50	1.75	9.00	3.50	1.50	3/8 x 1-3/4	1/2 x 5
254	B254T		4.125		15.125		6.625				10.75				
256	B256T	5.00	5.00	17.75	16.875	6.25	7.50	0.187	0.625	2.00	12.50	4.00	1.437	1/2 x 1-3/4	5/8 x 6
284	B284T		4.75		16.875		7.50								
286	B286T	5.50	5.50	19.75	18.375	7.00	8.25	0.187	0.625	2.00	12.514	4.50	1.687	1/2 x 2	5/8 x 6
324	B324T	5.25	5.256	22.75	19.25	8.00	8.50	0.187	0.75	2.50	14.00	5.25	2.187	5/8 x 2-1/2	3/4 x 9
326	B326T	6.00			20.75		9.25				15.50				
364	B364T		5.625		20.50		9.125				15.50				
365	B365T	7.00	6.625	25.50	21.50	9.00	9.625	0.25	0.75	2.50	16.50	6.00	2.062	5/8 x 2-1/2	3/4 x 9
404	B404T		6.125		22.375		9.875				16.50				
405	B405T	8.00	6.387	28.75	23.875	10.00	10.625	0.25	0.875	3.00	18.00	7.00	2.50	3/4 x 3	3/4 x 11
444	B444T		7.25		24.625		11.00				19.25				
445	B445T	9.00	8.25	31.25	26.625	11.00	12.00	0.25	0.875	3.00	21.25	7.50	2.50	3/4 x 3	3/4 x 11
447	B447T		10.00		30.125		13.75				24.75				
449	B449T	9.00	12.50	31.25	35.125	11.00	16.25	0.312	1.125	3.00	29.75	7.50	3.00	3/4 x 3-1/2	3/4 x 14 3/4 x 11



NEMA Frame	Catalog Number	E	AL	AO	AL	AU	AX	AZ	BT	XC	XO	XE	D Bolt	AY Bolt
G5000	B5000RLS	10.00	35.00	12.50	0.312	1.00	3.50	12.00	8.00	3.00	6.00	4.50	7/8 x 3-1/2	7/8 x 16

Dimensions are for reference only.
Consult your local sales office for certified dimensions.

Conversion bases



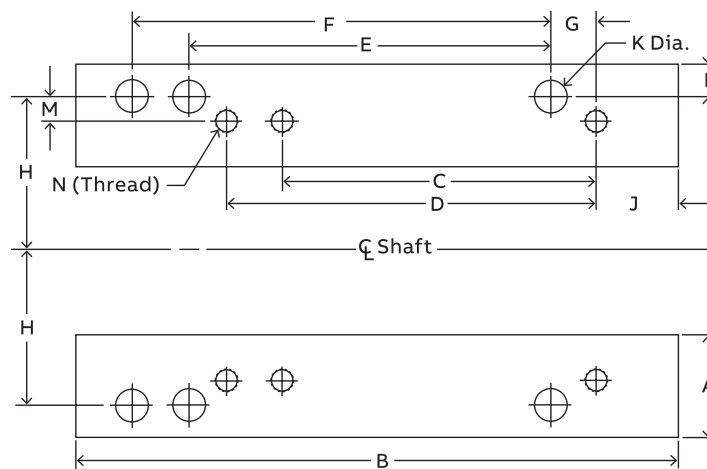
Consisting of right and left hand pieces that fit to existing mounting studs. The "T" frame motor is mounted to the pieces resulting in compensation for the difference in motor height, shaft position and mounting hole.

Catalog Number	Converts From "U" Frame	Converts To "T" Frame	List Price	Disc. Sym.	Ap'x Shpg. Wgt.	Height Inches	Width Inches	Length Inches	Thread
CB1814T	182/184	143T/145T	115	SVC	2	1	2 1/4	7 1/2	5/16-18
CB2118T	213/215	182T/184T	162	SVC	2	3/4	1 3/4	9 1/2	3/8-16
CB2521T	254U/256U	213T/215T	186	SVC	6	1	2 7/16	12 3/4	3/8-16
CB2825T	284U/286U	254T/256T	251	SVC	7	3/4	2 3/4	14 1/4	1/2-13
CB3228T	324U/326U	284T/286T	346	SVC	9	1	3 1/4	15 3/4	1/2-13
CB3632T	364U/365U	324T/326T	426	SVC	12	1	3 11/16	16 1/2	5/8-11
CB4036T	404U/405U	364T/365T	584	SVC	20	1	4 1/4	18 5/8	5/8-11
CB5049T	505U	449T	1,877	SVC	164	1.50	4.50	28.00	3/4-10
CB5850S	5808/10	5008/10	8,225	SVC	250	1.88	6.50	44.88	3/4-10
CB5850M	5810/11	5008/10	8,225	SVC	320	1.88	6.50	50.00	3/4-10

Notes: Dimensions are for one piece. Two pieces supplied.

Design is for horizontal mounting. Motor shimming may be required for direct drive applications.

Conversion bases dimension diagrams



Catalog Number	Converts From	Converts To	A	B	Height	C	D	E	F	G	H	J	K	L	M	N (Thread)
CB1814T	182-184	143T-145T	2.25	7.50	1.00	4.00	5.00	4.50	5.50	0.50	3.75	1.00	0.437	0.50	1.0	5/16-18
CB2118T	213-215	182T-184T	1.75	8.50	0.75	4.50	5.50	5.50	7.00	1.00	4.25	1.00	0.437	0.437	0.5	3/8-16
CB2521T	254U-256U	213T-215T	2.437	12.75	1.00	5.50	7.00	8.25	10.00	1.125	5.00	1.00	0.562	0.625	0.75	3/8-16
CB2825T	284U-286U	254T-256T	2.75	14.25	0.75	8.25	10.00	9.50	11.00	1.375	5.50	1.25	0.562	0.937	0.5	1/2-13
CB3228T	324U-326U	284T-286T	3.25	15.75	1.00	9.50	11.00	10.50	12.00	1.50	6.25	1.50	0.687	0.937	0.75	1/2-13
CB3632T	364U-365U	324T-326T	3.687	16.50	1.00	10.50	12.00	11.25	12.25	1.75	7.00	1.75	0.687	1.187	0.75	5/8-11
CB4036T	404U-405U	364T-365T	4.25	18.625	1.00	11.25	12.25	12.25	13.75	2.00	8.00	2.00	0.812	1.25	1.0	5/8-11
CB5744T	449T	586/587	6.50	36.75	3.50	25.00	32.00	22.00	25.00	2.50	-	3.5	1.19	2.00	2.50	-
CB5049T	505U	449T	4.50	28.00	1.50	25.00	-	18.00	-	1.00	9.00	1.50	0.94	1.50	1.00	3/4-10
CB5850S	5808/10	5008/10	6.50	44.88	1.88	25.00	32.00	28.00	36.00	2.50	10.00	2.88	0.91	2.75	1.50	3/4-10
CB5850M	5810/11	5008/10	6.50	50.00	1.88	25.00	32.00	36.00	40.00	3.50	11.50	2.88	0.91	2.75	1.50	3/4-10

Notes: Where applicable, 5808, 5810, & 5811 frame dimensions will meet NEMA MG1.

For all other dimensions, please reference chart above and confirm base and motor will work in your application.

For more information visit baldor.com or new.abb.com/motors-generators

ABB Motors and Generators PG Service

Base Service

Installation and commissioning:

Getting it completely right from very start for ABB High Voltage motors and Generators. We provide commissioning engineers with extensive experience in motors and generators. Their know-how, backed by the expertise of our design team, makes commissioning fast and smooth and lays the foundation for high reliability and efficiency.

Key benefits:

- Work carried out by skilled personnel only
- Safe, controlled start-up methodology
- Clearly defined procedures (eg, alignment protocol)
- Standard reporting and recording of parameters
- Faster installation and commissioning
- Improved process operation for optimized cost of ownership
- Increased reliability, efficiency and safety



More info: <https://new.abb.com/motors-generators/service/installation-and-commissioning>

For more information visit baldor.com or new.abb.com/motors-generators

ABB Motors and Generators PG Service

Preventive Maintenance

Unplanned stoppages always seem to occur at the worst possible moment. The preventive maintenance program for ABB Motors and Generators cuts the risk of unscheduled downtime.

The program takes a step-by-step approach with procedures undertaken at intervals over the lifetime of the equipment. The exact timetable will be based on the operating profile and methods as well as ambient conditions. Preventive maintenance is an investment in the avoidance of failures – the program can eliminate disruptions to production and customers to secure their long-term competitiveness.

Key benefits:

- Maintenance planned around production and plant schedules
- Minimize unplanned downtime
- Reduce or eliminate loss of production
- Reduce overall cost of maintenance
- Warranty protection



More info: <https://new.abb.com/motors-generators/service/maintenance/preventive-maintenance>

Air Gap Inspection

Carries out internal inspection of large Synchronous motors and generators without taking the rotor out to plan and support maintenance optimization.

The robotic crawler moves in the air gap between the stator and rotor, traversing the stator core laminations using modular, magnetic tracks. It can be used in all motors and generators with air gaps of 10 mm and upwards. Unlike conventional inspection devices, which are restricted to turbo/hydro generators with very large air gaps, ABB Air Gap Inspector can be used on all large synchronous motors and generators with air gaps of 10 mm or more.

Key benefits:

- Reduces costs. Inspections can be carried out without removing the rotor, reducing outage costs. Faults can be localized, and their position and severity identified and recorded without removal of the rotor.
- Optimizes maintenance planning and increases availability of motors and generators by reducing the number of outage days where rotor removal is required.



More info: <https://new.abb.com/motors-generators/service/advanced-services/abb-air-gap-inspector>

For more information visit baldor.com or new.abb.com/motors-generators

ABB Motors and Generators PG service

Spares and Consumables

ABB's motors and generators often play a critical role in the plants in which they operate.

In many cases the complete process would be brought to a halt if the motor or generator stopped working. Downtime may result in considerable costs in terms of lost production, waste and damage, so the availability of this equipment is a top priority.

We supply genuine spare parts, spare part packages and maintenance kits for all ABB motors and generators. We can also provide exchange units for wind power generators. As we are the original equipment manufacturer, you can rely on us

to supply the correct part. Where technology has advanced, we may be able to provide a part that is even better than the original. We can also help you to rationalize your on-site spare part stocks.

Key benefits:

- All necessary parts available from a single source
- Access to original parts
- Expert support in identifying parts based on equipment condition and criticality
- Increased availability and minimized downtime



More info: <https://new.abb.com/motors-generators/service/spares-and-consumables>

Replacements

Replacing existing equipment with a new ABB product is a great investment: the new unit's superior efficiency and performance can ensure a very short payback time. Whether you select a new motor or generator from our wide range of standard items or choose a tailor-made unit, we can generally optimize it to replace your existing equipment.

In most cases we will be able to adapt the electrical designs to make the replacement fully interchangeable with the original. Utilizing our know-how and experience, we can easily provide replacements for third party products.

For the plant operator this helps to minimize the downtime, required site work and risks. An added benefit of a tailor made, fully interchangeable replacement is that you may be able to keep your existing machine as a spare.

Key benefits:

- Expert support in selecting replacement units
- Option of choosing from standard products, tailor made units and replicas
- Access to original drawings and specifications for ABB products
- Replacement programs for third-party products
- Option to select based on energy calculations
- Access to latest technology
- Reduced life cycle costs
- Increased reliability, availability and safety

More info: <https://new.abb.com/motors-generators/service/replacements>

ABB Ability™ Advanced Services

ABB Ability™ Condition Monitoring for LV Motors

ABB Smart Sensor converts motor into a smart device to let you know when it is time for service. The Smart Sensor can be easily attached to motors without the need for wiring. It collects operational data and health information of the motor.

Key benefits:

- By monitoring and analyzing data on motor operating parameters

- maintenance and operation can be optimized
- unexpected downtime avoided
- efficiency optimized
- motor lifetime extended
- Improved safety – enables easy access to motors in locations that are difficult or dangerous to access



More info: <https://new.abb.com/motors-generators/service/advanced-services/smart-sensor>

ABB Ability™ Condition Monitoring for Pumps

Remote monitoring of pumps is enabled through ABB Smart Sensors making predictive maintenance possible. It monitors the vital operating parameters of the pump, such as vibration and temperature, to calculate pump health indicators. These indicators provide valuable information on the pump's condition and performance.

Key benefits:

- Early identification of pump inefficiencies
- Prevention of unexpected downtime
- Reduced maintenance costs
- Longer equipment lifetime
- Improved safety – enables easy access to pumps in locations that are difficult or dangerous to access



More info: <https://new.abb.com/motors-generators/service/advanced-services/smart-sensor>

For more information visit baldor.com or new.abb.com/motors-generators

ABB Ability™ Advanced Services

ABB Ability™ Condition Monitoring for HV Motors

Remote condition monitoring service that delivers on-line assessment of HV motor health and performance to maximize uptime and productivity. Web access to live data and status information of electrical and mechanical parameters.

Key benefits:

- Increased reliability and availability
- Minimizes the number of unexpected failures
- Reduces downtime by transitioning from reactive to proactive maintenance
- Reduced maintenance costs
- Saves maintenance time and effort with early warnings



More info: <https://new.abb.com/motors-generators/service/advanced-services/remote-condition-monitoring>

ABB Ability™ Condition Monitoring for Shaft Lines

Periodic on-site condition monitoring for induction motors, generators, gearboxes and any driven object in order to find potential mechanical and electrical problems in an early stage.

Key benefits:

- Integrated analysis and reporting
- Current, voltage and vibration in one analysis and reporting system
- Quick maintenance oriented reports
- Automated analysis and summary report delivered on site
- Reduction in unplanned downtime
- Early warning system provides adequate time for maintenance planning
- ABB motor service network
- High success rate of fault detection



More info: <https://new.abb.com/motors-generators/service/advanced-services/on-site-condition-monitoring>

ABB Ability™ Advanced Services

ABB Ability™ LEAP for HV Motors and Generators

ABB Ability™ LEAP (Life Expectancy Analysis Program) analyzes the condition and expected lifetime of stator winding insulation – the most uptime critical component in high voltage motors and generators.

ABB Ability™ LEAP is a set of unique analytical tools that identify, characterize and quantify defects in the insulation system. Testing and analysis are performed with one site visit and can be combined with normal maintenance activities. This is a big improvement on conventional methods that require trending data from a range of measurements before they can provide useful output.

Key benefits:

- Minimized unplanned downtime - early warnings provide adequate time for maintenance planning
- Optimized maintenance planning – enables you to move from time-based to condition-based maintenance
- Reduced cost of ownership (COO) – supports efforts to extend lifetime and thereby increase return on investment (ROI)

More info:

<https://new.abb.com/motors-generators/service/advanced-services/abb-ability-leap-for-hv-motors-and-generators>

- Better decision-making – facilitates decision-making on short and long-term maintenance and run/repair/retrofit/replace options
- Service is available for all motors and generators regardless of manufacturer



ABB Ability™ Condition Assessment for Motors and Generators

Condition assessment of stator winding insulation in motors and generators up to 4 kV. The results are used to optimize the maintenance routine and predict when the system's condition will become vulnerable or critical. Based on this, specific service actions can be planned well in advance to avoid premature failure and increase the lifetime of motors and generators.

Key benefits:

- High uptime – early detection of potential problems before they can cause costly unplanned downtime
- Accurate information on equipment condition to be able to make informed run/repair/replace decisions
- Maintenance activities can be prioritized and optimized



More info:

<https://new.abb.com/motors-generators/service/advanced-services/abb-ability-leap-for-hv-motors-and-generators>

ABB Ability™ Advanced Services

ABB Ability™ Predictive Maintenance for Generators

- Higher uptime with optimized maintenance planning.
- ABB Ability™ Predictive Maintenance for generators optimizes the maintenance of diesel and gas engine generators. Taking a condition-based approach, it combines customer input with advanced analytical techniques to create the optimal condition monitoring and surveillance program. This ensures that the right actions are taken at the right time and for the right reasons.
- ABB Ability™ Predictive Maintenance brings together ABB's condition monitoring, in-situ visual inspection and life expectancy analysis program to make maintenance planning easy.

Key benefits

- Higher uptime
- Minimized unplanned outages
- Longer intervals between rotor removals
- Avoidance of secondary damages
- Alignment of maintenance tasks with planned plant stoppages
- Reduced maintenance costs
- Maintenance is only done when necessary
- Parts are only replaced when needed
- Visual inspection of stator core, rotor core and windings is done without the need to remove the rotor



More info:

<https://new.abb.com/motors-generators/service/advanced-services/abb-ability-predictive-maintenance-for-generators>

For more information visit baldor.com or new.abb.com/motors-generators

Industrial Grinders



7306

Features:

Cast iron exhaust type wheel guards. 8-foot power cord. Base mounted on/off switch. Rubber feet to minimize vibration.



7306D

Hp	RPM	Wheel Size	Catalog Number	List Price	Disc. Sym.	Shpg. Wgt.	Voltage	Style	Agency Approval	Notes
1/2	3600	7"x1"x5/8"	712	637	GBX	45	115	Grinder	UL, CSA	a,c,f,p
1/2	3600	7"x1"x5/8"	762	637	GBX	43	115	Grinder/Buffer	UL, CSA	b,c,f,p
1/2	3600	7"x1"x5/8"	712E	745	GBX	68	115	Grinder	UL, CSA	a,c,p
1/2	3600	7"x1"x5/8"	762E	745	GBX	68	115	Grinder/Buffer	UL, CSA	b,c,p
1/2	1800	7"x1"x5/8"	7306	807	GBX	70	115/230	Grinder	UL	a,d,g,p
1/2	3600	7"x1"x5/8"	7307	807	GBX	70	115/230	Grinder	UL, CSA	a,d,g,p
1/2	3600	7"x1"x5/8"	7351	807	GBX	67	115/230	Grinder/Buffer	UL, CSA	b,d,g,p
1/2	1800	7"x1"x5/8"	7308	807	GBX	71	208-230/460	Grinder	UL, CSA	a,d,h,p
1/2	3600	7"x1"x5/8"	7309	807	GBX	72	208-230/460	Grinder	UL, CSA	a,d,h,p
1/2	1800	7"x1"x5/8"	7306D	1,015	GBX	84	115/230	Grinder	UL	a,d,e,g
1/2	3600	7"x1"x5/8"	7307D	1,015	GBX	84	115/230	Grinder	UL	a,d,e,g
1/2	3600	7"x1"x5/8"	7309D	1,015	GBX	87	208-230/460	Grinder	UL, CSA	a,d,e,h
1/2 1/3	1800	7"x1"x5/8"	7312D	1,228	GBX	90	115	Grinder	UL	a,d,e

Exercise caution and wear safety glasses

Notes:

- (a) Supplied with 36 & 60 grit wheels.
- (b) Supplied with 36 grit and 0.014 wire wheel.
- (c) Stamp steel tool rests.
- (d) Cast iron tool rests.
- (e) Deluxe model includes water pot, tool tray and lighted eyeshields.
- (f) Non-exhaust type wheel guards.
- (g) Factory connected for 115 volts, power cord supplied.
- (h) Factory connected for 208-230 volts, no power cord.
- (p) Supplied with eye shield.

Industrial Grinders



8100W



8100WD



1022W



1022WD

All models have cast iron tool rests and exhaust type wheel guards. 8-foot power cord. Base mounted on/off switch. Rubber feet to minimize vibration.

Hp	RPM	Wheel Size	Catalog Number	List Price	Disc. Sym.	Shpg. Wgt.	Voltage	Style	Agency Approval	Notes
3/4	1800	8"x1"x3/4"	8100W	1,222	GBX	99	115/230	Grinder	UL	a,g,p
3/4	1800	8"x1"x3/4"	8100WD	1,394	GBX	110	115/230	Grinder	UL	a,e,g
3/4	3600	8"x1"x3/4"	8107W	1,222	GBX	99	115/230	Grinder	UL	a,g,p
3/4	3600	8"x1"x3/4"	8107WD	1,394	GBX	111	115/230	Grinder	UL	a,e,g
3/4	3600	8"x1"x3/4"	8250W	1,222	GBX	97	115/230	Grinder/Buffer	UL	b,g,p
3/4	1800	8"x1"x3/4"	8102W	1,183	GBX	98	208-230/460	Grinder	UL, CSA	a,h,p
3/4	1800	8"x1"x3/4"	8102WD	1,372	GBX	111	208-230/460	Grinder	UL, CSA	a,e,h
3/4	3600	8"x1"x3/4"	8123W	1,183	GBX	99	208-230/460	Grinder	UL, CSA	a,h,p
3/4	3600	8"x1"x3/4"	8123WD	1,372	GBX	112	208-230/460	Grinder	UL, CSA	a,e,h
3/4	3600	8"x1"x3/4"	8252W	1,183	GBX	95	208-230/460	Grinder/Buffer		b,h,p
3/4	3600	8"x1"x3/4"	8125W	1,183	GBX	99	575	Grinder	UL	a,i,p

Exercise caution and wear safety glasses

All models have cast iron tool rests and exhaust type wheel guards. Base mounted on/off switch. Rubber feet to minimize vibration.

Hp	RPM	Wheel Size	Catalog Number	List Price	Disc. Sym.	Shpg. Wgt.	Voltage	Style	Agency Approval	Notes
1	1800	10"x1"x7/8"	1022W	1,558	GBX	133	115/230	Grinder	UL	a,J,p
1	1800	10"x1"x7/8"	1022WD	1,784	GBX	145	115/230	Grinder	UL	a,e,J
1-1/2	1800	10"x1"x7/8"	1021W	1,536	GBX	134	208-230/460	Grinder	UL, CSA	a,h,p
1-1/2	1800	10"x1"x7/8"	1021WD	1,759	GBX	146	208-230/460	Grinder	UL, CSA	a,e,h
1-1/2	1800	10"x1"x7/8"	105W	1,536	GBX	133	575	Grinder	UL, CSA	a,i,p

Exercise caution and wear safety glasses

Notes:

- (a) Supplied with 36 & 60 grit wheels.
- (b) Supplied with 36 grit and 0.014 wire wheel.
- (e) Deluxe model includes water pot, tool tray and lighted eyeshields.
- (g) Factory connected for 115 volts, power cord supplied.
- (h) Factory connected for 208-230 volts, no power cord.
- (i) 575 volt, 50//60 Hz.
- (J) Factory connected for 115 volts, no power cord.
- (p) Supplied with eye shield.

Industrial Grinders

12 inch



Catalog #1215W
with #GA20 Pedestal
(sold separately)

14 inch



Catalog #1407W
with #GA20 Pedestal
(sold separately)

Cast iron tool rests & exhaust type wheel guards. Manual starter with overload protection. Also includes lighted eyeshield (bulb not included).

All three-phase units are suitable for 50/60 Hz, 1500/1800 RPM operation.

Wheels sold separately. See chart below.

Hp	RPM	Wheel Size	Catalog Number	List Price	Disc. Sym.	Shpg. Wgt.	Voltage	Style	Agency Approval	Notes
2	1800	12"X2"X1-1/4"	1215W	3,503	GBX	253	208-230/460	Grinder	CSA	k
3	1800	12"X2"X1-1/4"	1216W	3,626	GBX	248	208-230/460	Grinder	CSA	k
2	1800	12"X2"X1-1/4"	1217W	3,709	GBX	253	115/230	Grinder		J
3	1800	12"X2"X1-1/4"	129W	3,626	GBX	256	575	Grinder	CSA	i

Exercise caution and wear safety glasses

Cast iron tool rests & exhaust type wheel guards. Magnetic starter with overload protection. Also includes lighted eyeshields (bulbs not included).

Suitable for 50/60 Hz operation. Wheels sold separately. See chart below.

Hp	RPM	Wheel Size	Catalog Number	List Price	Disc. Sym.	Shpg. Wgt.	Voltage	Style	Agency Approval	Notes
5	1800	14"X3"X1-1/4"	1406W	4,493	GBX	359	230	Grinder	CSA	m
5	1800	14"X3"X1-1/4"	1410W	4,493	GBX	362	460	Grinder		m
5	1800	14"X3"X1-1/4"	1408W	4,493	GBX	358	575	Grinder	CSA	m
7-1/2	1800	14"X3"X1-1/4"	1407W	4,901	GBX	372	230	Grinder	CSA	m
7-1/2	1800	14"X3"X1-1/4"	1411W	4,901	GBX	381	208-230/460	Grinder		m
7-1/2	1800	14"X3"X1-1/4"	1409W	4,901	GBX	374	575	Grinder	CSA	m

Exercise caution and wear safety glasses

Wheels for 12-Inch and 14-Inch Grinders

High quality aluminum oxide and silicon abrasive in a premium vitrified system

Catalog Number	List Price	Disc. Sym.	Diameter	Face	Bore	Grit	Shpg. Wgt.
B125	238	SVC	12"	2"	1-1/4"	30	22
B126	240	SVC	12"	2"	1-1/4"	46	22
B147	449	SVC	14"	3"	1-1/4"	30	42
B148	449	SVC	14"	3"	1-1/4"	46	41

Exercise caution and wear safety glasses

Note: When installing new wheels, check wheels for possible damage.
Do not use a damaged wheel.

With new wheel installed, all safety guards in place and operator standing away from front of grinder, run grinder for one minute before applying work.

Notes:

- (i) 575 volt, 50/60 Hz.
- (J) Factory connected for 115 volts, no power cord.
- (k) Factory connected for 230, manual starter, specify voltage when ordering.
- (m) Factory connected for 230, magnetic starter must be changed for other voltages.

Industrial Tool Grinders

Diamond Wheel Grinder



Catalog #522

Diamond Wheel Tool Grinders feature all cast iron construction. Precision built, they have locked double row bearings and a maximum runout of .002 for precise tool and die work. Accommodates cup wheels with 1-1/4" center hole. Large tool tables with protractor type tool support. Light and water pot with spout and faucet that can be moved to either side are standard equipment.

Diamond wheels sold separately. See chart below.

Hp	RPM	Wheel Size	Catalog Number	List Price	Disc. Sym.	Shpg. Wgt.	Voltage	Style	Agency Approval	Notes
1/2	3600	6"x1"x1-1/4	522	1,867	GBX	108	115	Tool Grinder	UL	g
1/2	3600	6"x1"x1-1/4	532	1,867	GBX	109	208-230/460	Tool Grinder	UL	h

Exercise caution and wear safety glasses

Note: Rough service bulb is suggested.

Carbide Tool Grinder



Catalog #500

Carbide Tool Grinders feature all cast iron construction.

Accommodates cup wheels with 1-1/4" center hole. Large tool tables with protractor type tool support. Light and water pot with spout and faucet that can be moved to either side are standard equipment.

Wheels sold separately. See chart below.

Hp	RPM	Wheel Size	Catalog Number	List Price	Disc. Sym.	Shpg. Wgt.	Voltage	Style	Agency Approval	Notes
1/2	3600	6"x1"x1-1/4	500	1,660	GBX	109	115	Tool Grinder	UL	g
1/2	3600	6"x1"x1-1/4	510	1,660	GBX	109	208-230/460	Tool Grinder	UL	h

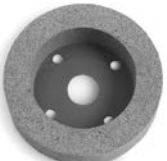
Exercise caution and wear safety glasses

Note: Rough service bulb is suggested.

Wheels and Accessories



Catalog #D501



Catalog #C61



GA8



GA7

Catalog Number	List Price	Disc. Sym.	Shpg. Wgt.	Face	Grit	Description
D501	994	SVC	5	3/4"	120	General Purpose Diamond Wheel
D502	994	SVC	2	3/4"	220	Fine Finish Diamond Wheel
C61	217	SVC	5	1"	60	Silicone Carbide
C121	217	SVC	3	1"	120	Silicone Carbide
S46	143	SVC	3	1"	46	Aluminum Oxide
S61	143	SVC	3	1"	60	Aluminum Oxide
GA8	525	SVC	1			Wheel Dresser with Diamond NIB
GA7	143	SVC	1			Diamond NIB for GA8 (7/16 diameter x 1" long)

Exercise caution and wear safety glasses

Note: When installing new wheels, check wheels for possible damage.

Do not use a damaged wheel.

With new wheel installed, all safety guards in place and operator standing away from front of grinder, run grinder for one minute before applying work.

Notes:

(g) Factory connected for 115 volts, power cord supplied.

(h) Factory connected for 208-230 volts, no power cord.

Industrial Belt Sanders

There are several options when it comes to industrial belt sanders – fixed and tiltable belts, grinder/sanders and even an adjustable speed sander for increased flexibility. All units come with a base mounted on/off switch. All belt sanders are equipped with 2x48" 80 grit belt.



Catalog #602E-MT



Catalog #248-151D



Catalog #248-181TD



Catalog #248-151TD



Catalog #248-151AS

Hp	RPM	Tiltable Belt	Catalog Number	List Price	Disc. Sym.	Shpg. Wgt.	Voltage	Style	Agency Approval	Notes
1-1/2	3600	Fixed	2048-151D	2,006	GBX	88	115/230	Belt Sander	UL	g
1-1/2	3600	Fixed	2048-153D	1,912	GBX	76	208-230/460	Belt Sander	UL	h
1-1/2	3600	Three positions	248-151TD	2,220	GBX	95	115/230	Belt Sander	UL	g
1-1/2	3600	Three positions	248-153TD	2,095	GBX	84	208-230/460	Belt Sander	UL	h
1-1/2	3600	Three positions	248-181TD	2,560	GBX	138	115/230	Grinder/Belt Sander		J,l,r
1-1/2	3600	Three positions	248-183TD	2,512	GBX	128	208-230/460	Grinder/Belt Sander	UL	h,l,r
1-1/2	0-3600	Three positions	248-151AS	2,816	GBX	105	115	Adjustable Speed		g,l

Exercise caution and wear safety glasses

Industrial Buffers



Catalog #333B



Catalog #1458
with #GA20 Pedestal
(sold separately)

Buffers are designed for use with soft cloth wheels **only**. Specific buffing applications may require the addition of operator safety devices. Consult with a safety engineer before installation. Price includes flanges and nuts but does not include wheels.

Hp	RPM	Max. Wheel Size	Shaft Diameter	Catalog Number	List Price	Disc. Sym.	Shpg. Wgt.	Voltage	Agency Approval	Notes
3/4	1800	8"	3/4"	332B	872	GBX	55	115/230	UR	g,s
3/4	3600	8"	3/4"	333B	872	GBX	56	115/230	UR	g,s
3/4	1800	8"	3/4"	334B	852	GBX	54	208-230/460	UR, CSA	h,s
3/4	3600	8"	3/4"	330B	852	GBX	56	208-230/460	UR, CSA	h,s
1	1800	10"	7/8"	407B	1,157	GBX	60	115/230	UR	j,s
1-1/2	3600	10"	7/8"	410B	1,138	GBX	61	115/230	UR	j,s
1-1/2	1800	10"	7/8"	409B	1,111	GBX	59	208-230/460	UR, CSA	h,s
1-1/2	3600	10"	7/8"	412B	1,111	GBX	62	208-230/460	UR, CSA	h,s
2	1800	12"	1-1/4"	1250	2,679	GBX	164	115/230	UR	k
2	3600	12"	1-1/4"	1251	2,603	GBX	160	115/230	UR	k
3	1800	12"	1-1/4"	1252	2,460	GBX	156	208-230/460	UR, CSA	k
3	3600	12"	1-1/4"	1253	2,390	GBX	156	208-230/460	UR, CSA	k
5	1200	14"	1-1/4"	1457	3,592	GBX	228	230	UR, CSA	m
5	1800	14"	1-1/4"	1458	3,058	GBX	218	230	UR, CSA	m
7-1/2	1800	14"	1-1/4"	1454	3,415	GBX	229	230	UR, CSA	m
7-1/2	3600	14"	1-1/4"	1453	3,232	GBX	223	230	UR, CSA	m

Exercise caution and wear safety glasses

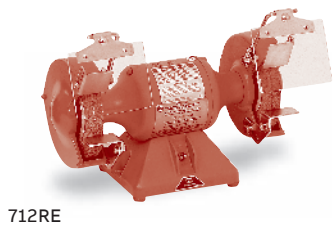
Notes:

- (g) Factory connected for 115 volts, power cord supplied.
- (h) Factory connected for 208-230 volts, no power cord.
- (j) Factory connected for 115 volts, no power cord.
- (k) Factory connected for 230, manual starter, specify voltage when ordering.
- (l) Supplied with 8"x1"x3/4" 36 grit wheel and 80 grit belt.
- (m) Factory connected for 230, magnetic starter must be changed for other voltages.
- (n) Supplied with 0.014 wire wheel and 36" x 2" 100 grit belt.
- (r) Grinder side eye shield included.
- (s) Base mounted on-off switch.

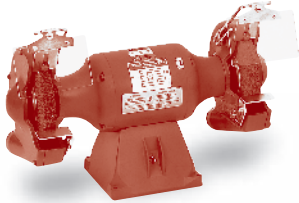
For more information visit baldor.com or new.abb.com/motors-generators

Big Red Grinders

Big red grinders are available with 6", 7" or 8" wheels, equipped with base mounted on/off switch and 8 foot cord with plug. Rubber mounting feet help minimize vibration. Models ending in "E" have exhaust type wheel guards.



712RE



812RE

Hp	RPM	Wheel Size	Catalog Number	List Price	Disc. Sym.	Shpg. Wgt.	Voltage	Style	Agency Approval	Notes
1/2	3600	7"x1"x5/8"	712R	637	GBX	45	115	Grinder	UL, CSA	a,c,f,p
1/2	3600	7"x1"x5/8"	762R	637	GBX	43	115	Grinder/Buffer	UL, CSA	b,c,f,p
1/2	3600	7"x1"x5/8"	712RE	763	GBX	68	115	Grinder	UL, CSA	a,c,p
1/2	3600	7"x1"x5/8"	762RE	763	GBX	66	115	Grinder/Buffer	UL, CSA	b,c,p
3/4	3600	8"x1"3/4"	812RE	1,155	GBX	96	115/230	Grinder	UL	a,c,g,p
3/4	3600	8"x1"3/4"	862RE	1,155	GBX	95	115/230	Grinder/Buffer	UL	a,c,g,p

Exercise caution and wear safety glasses

Big Red accessories

Pedestals



GA16R

GA14R

Catalog Number	Description	List Price	Disc. Sym.	Shpg. Wgt.
GA16R	Cast iron pedestal can be used on all Big Red Grinders Height is 32-7/8"	536	SVC	62
GA16RE	Light industrial version, all steel construction for use on 6" and 7" only, height is 34"	319	SVC	36
GA20RE	Light industrial version, all steel construction for use on 8" only, height is 34"	369	SVC	54
GA14R	Fabricated steel pedestal with storage shelves can be used on all Big Red Grinders, height is 34-1/2"	369	SVC	64
GA9R	2) Lighted eyeshield, 5-1/2" x 3-3/4" viewing area, 8-ft cord with plug, mounts to any Big Red Grinder	206	SVC	5
GA9SR	2) Lighted eyeshield with on/off switch, 5-1/2" x 3-3/4" viewing area, 8-ft cord with plug, mounts to any Big Red Grinder	229	SVC	5

Lighted Eyeshields



GA9R

GA9SR

Notes:

- (a) Supplied with 36 & 60 grit wheels.
- (b) Supplied with 36 grit and 0.014 wire wheel.
- (c) Stamp steel tool rests.
- (d) Cast iron tool rests.
- (f) Non-exhaust type wheel guards.
- (g) Factory connected for 115 volts, power cord supplied.
- (p) Supplied with eye shield.

Accessories

Dust Control Units for Baldor-Reliance® Grinders, 115V, single phase, 60 Hz



Catalog #1022W
with DC10 and GA16
(sold separately)

Catalog Number	Dust Control Unit Price	Disc. Sym.	Grinding Wheel Maximum		Total Cap.	Cubic Ft/Min	Air Control Valves	Shpg. Wgt.
			Dia.	Width		Required Per Wheel By OSHA (o)		
DC7	1,574	SVC	7"	1"	440	220	Yes	60
DC8	1,574	SVC	8"	1"	440	220	Yes	62
DC10	1,574	SVC	10"	1"	440	390	Yes (p)	60
DC12	1,711	SVC	12"	2"	440	390	Yes (p)	62
DC12-3	1,711	SVC	12"	2"	440	390	Yes (p)	57
DC14-3 (n)	2,791	SVC	14"	3"	700	590	Yes (p)	73

Exercise caution and wear safety glasses

(n) DC14-3 powered with 1Hp TEFC 208-230/460 volt, three phase motor, less cord, switch, and lug.

(o) From ventilation section 1910.94 table G-4 Federal register vol. 37 #202, 10-18-72.

(p) Air control valve required to direct total CFM of collector to only the wheel being used to meet OSHA CFM requirements on 10" and larger grinders.

Replacement Filter Bags

Catalog Number	List Price	Disc. Sym.	Dust Control Unit	Shpg. Wgt.
ARB-1	152	SVC	DC7, 8, 10, 12, 12-3	1
ARB-2	231	SVC	DC14-3	2

Note: Do not collect potentially reactive materials without consulting (NFPA) National Fire Protection Association Standards.

Powered by a 1/2 Hp TEFC single phase Baldor-Reliance® motor with cord, switch, and plug.

230 volt single phase units are available and supplied less switch, cord, and plug. Specify for 230 volt single phase operation.

Collectors with three phase motor less cord, switch, and plug are available. For 208-230/460 volt three phase, add suffix -3 to catalog number. Add \$30.00 to list price.

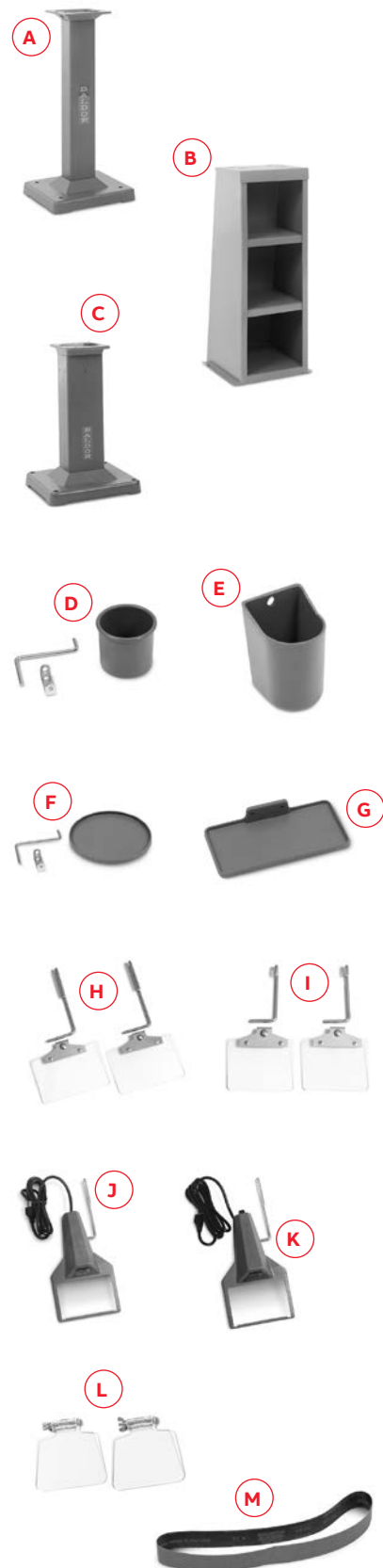
Mount dust control units with Grinder and GA16 or GA20 pedestal.

Dust Collector Bags

Catalog Number	List Price	Disc. Sym.	Description	Shpg. Wgt.
DA1	58	SVC	Dust Collector Bag (1 per carton). For D60 and D61 Dust Collectors	1

Accessories

Grinder and Buffer Accessories

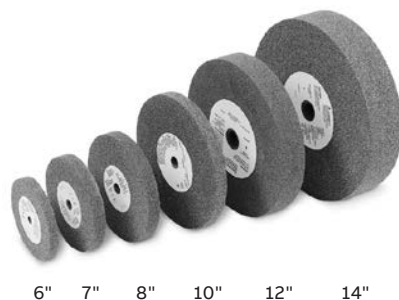


Item Number	Catalog Number	Description	List Price	Disc. Sym.	Shpg. Wgt.
A	GA16	Pedestal "Cast Iron"	489	SVC	62
	GA16E	Pedestal "Steel"	319	SVC	36
B	GA14	Pedestal "Steel"	369	SVC	64
C	GA20	Pedestal "Cast Iron"	803	SVC	119
	GA20E	Pedestal "Steel"	369	SVC	54
D	GA24	Water Pot	60	SVC	1
E	GA3	Water Pot	162	SVC	7
F	GA25	Tool Tray	59	SVC	9
G	GA4	Tool Tray	187	SVC	6
H	GA11	Eyeshield (pair)	99	SVC	2
I	GA10	Eyeshield (pair)	94	SVC	1
J	GA9	Lighted Eyeshield (less on/off switch) (pair)	206	SVC	5
J-1	GA9-1	same as GA9 except packed 1 unit per carton	114	SVC	3
K	GA9S	Lighted Eyeshield (with on/off switch) (pair)	229	SVC	6
L	GA13	Eyeshield for 6" Grinders (pair)	53	SVC	2
M	AB248	Abrasive Belt 2" x 48" – 80 Grit	32	SVC	1

- (A) GA16 Pedestal for 6", 7", 8" and 10" grinders, carbide and diamond wheel grinders, 1/4 Hp through 1-1/2 Hp buffers and belt grinders. Height 32-7/8". GA16E for 6" and 7" grinders "all steel construction". Height 34".
- (B) GA14 Pedestal – fabricated steel, for 7", 8" and 10" grinders, 1/4 Hp through 1-1/2 Hp buffers. Height 34-1/2".
- (C) GA20 Pedestal for 8", 10", 12" and 14" grinders and 3/4 through 7-1/2 Hp buffers. Height 30". GA20RE for 8" & 10" grinders "all steel construction". Height 34".
- (D) GA24 Water Pot for 623E, 673E, 612E, 662E, and 7" (except #712, #712R, #762, & #762R), 8" and 10" grinders. Supplied with mounting bracket and swivel arm. Capacity 1-1/2 pints.
- (E) GA3 Water Pot for GA20 pedestal. Capacity 3 pints.
- (F) GA25 Tool Tray for 623E, 632E, 673E, 612E, 662E, 7" (except #712, #712R, #762, & #762R), 8" and 10" grinders. Supplied with mounting bracket and swivel arm. Diameter 8". Area 48 square inches.
- (G) GA4 Tool Tray for GA20 pedestal. Dimensions 12" x 6".
- (H) GA11 Eyeshield – 6" x 4" shatter resistant Plexiglas®. Fits grinders 7" through 14".
- (I) GA10 Eyeshield – 5" x 4" shatter resistant Plexiglas®. Fits 6" Grinders and #712, #712R, #762 and #762R.
- (J) GA9 Lighted Eyeshield – 5-1/2" x 3 3/4" viewing area made of shatter resistant Plexiglas®. Supplied with 8 foot, 3 conductor cord with plug. Accommodates standard 115 volt 60 watt bulb. Supplied less bulb and on/off switch. Mounts to grinders (except tool and belt grinders). Adjusts horizontally and vertically. U.L. listed/CSA certified.
- (J-1) GA9-1 – Same as GA9 except packed 1 per carton. 115 volt only.
- (K) GA9S Lighted Eyeshield with On/Off Switch – 115 volt only.
- (L) GA13 Eyeshield for 600 Series 6" Grinders.
- (M) AB248 Abrasive Belt – 2" x 48" – 80 Grit.

Accessories

Wheels for Grinders

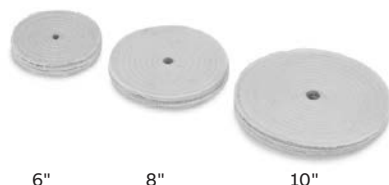


Features: Extremely durable aluminum oxide abrasive grain. Excellent for steels and alloy steels. Ideal for numerous general purpose applications.

Catalog Number	List Price	Disc. Sym.	Diameter	Face	Bore	Grit	Shpg. Wgt.
B66	44	SVC	6"	3/4"	1/2"	36	2
B67	44	SVC	6"	3/4"	1/2"	60	2
B73	60	SVC	7"	1"	5/8"	36	4
B74	60	SVC	7"	1"	5/8"	60	3
B80	71	SVC	8"	1"	3/4"	36	5
B81	71	SVC	8"	1"	3/4"	60	4
B102	105	SVC	10"	1"	7/8"	36	8
B103	105	SVC	10"	1"	7/8"	60	6
B125	238	SVC	12"	2"	1-1/4"	30	22
B126	240	SVC	12"	2"	1-1/4"	46	22
B147	449	SVC	14"	3"	1-1/4"	30	42
B148	449	SVC	14"	3"	1 1/4"	46	41

Exercise caution and wear safety glasses

Sewed cotton Buffing Wheels



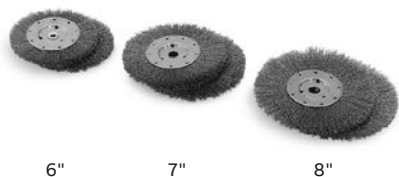
Features: Wheels are muslin cloth, spiral sewn. These bore sizes will fit shafts 1/8" greater diameter than bore.

Catalog Number	List Price	Disc. Sym.	Diameter	Face	Bore	Shpg. Wgt.
A65	31	SVC	6"	1/4"	1/2"	1
A82	38	SVC	8"	1/4"	3/4"	1
A103	57	SVC	10"	1/4"	7/8"	1

Exercise caution and wear safety glasses

Note: Cotton wheels are supplied in sections 1/4" wide. Two (or more) sections may be put together to make up wheel of desired width.

Wire Brush Wheels



Features: Wheels are crimped, carbon steel wire.

Catalog Number	List Price	Disc. Sym.	Diameter	Face	Bore	Diameter of Wire	Shpg. Wgt.
W64	53	SVC	6"	5/8"	1/2"	0.014	1
W70	62	SVC	7"	5/8"	5/8"	0.014	1
W82	70	SVC	8"	3/4"	3/4"	0.014	1

Exercise caution and wear safety glasses

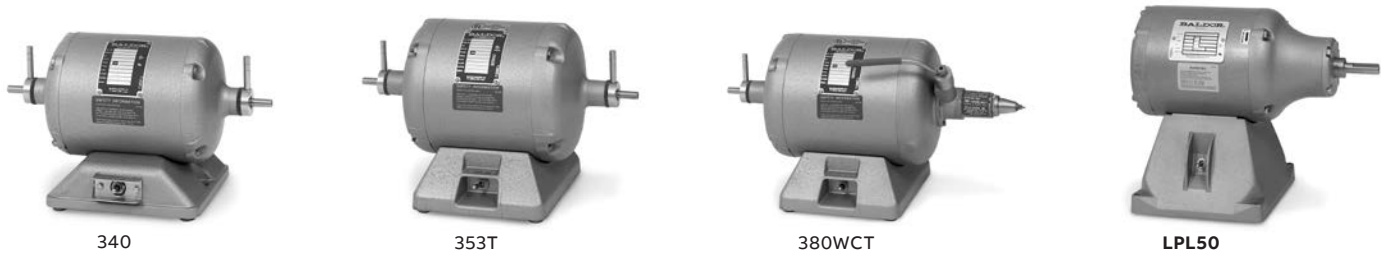
Note: 6", 7" & 8" grinders equipped with grinding wheels can be converted to have wire brush wheels. To properly fit the wire brush wheels, flat washers or spacer must be placed on both sides of the wheel flanges. This will accommodate the width differences between the wire brush wheel and the original grinding wheel.

Order washers/spacers as follows:

6" (3) HW1000A50, 7" (2) HA2047A01, 8" (4) HW1000A75

Note: When installing new wheels, check wheel for possible damage. Do not use a damaged wheel. With new wheel installed and all safety guards in place, and operator standing away from front of grinder, run grinder for one minute before applying work. **Wear safety glasses. Exercise Caution.**

Polishing Lathes and Chucks



Polishing lathes have features preferred by dentists, dental lab technicians, jewelers, lapidary and other for precision, trouble-free polishing. All lathes are supplied with 8-foot cord with plug, rubber feet and heavy construction to minimize vibration, provisions for mounting to a laboratory bench are provided as well.

Hp	RPM	Shaft Diameter/Taper	Catalog Number	List Price	Disc. Sym.	Shpg. Wgt.	Voltage	Style	Notes
1/4	3600/1800	0.375 / 0.250	340	519	GBX	31	115	Dual Speed	q
1/4	3000/1500	0.375 / 0.250	342	519	GBX	31	220-240	Dual Speed	r
1/4	3600/1800	0.375 / 0.250	353T	569	GBX	35	115	Dual Speed	q
1/2	3600	0.375 / 0.250	359T	570	GBX	36	115	Single speed	q
1/3	3600/1800	0.375 / 0.250	380T	633	GBX	42	115	Dual Speed	q
1/3	3600/1800	0.375 / 0.250	380WCT	1,457	GBX	47	115	Dual Speed	q,s
1/2	3600	0.625 / straight	LPL50	554	GBX	43	115	Single speed	q,t
3/4	3600	0.625 / straight	LPL75	676	GBX	48	115/230	Single speed	q,t

Exercise caution and wear safety glasses

- Notes:
- (q) Factory connected for 115 volts, power cord supplied.
 - (r) Factory connected for 220-240 volts, power cord without plug.
 - (s) Right side equipped with Wells Dental "Super Quick" chuck, 2 mandrels, 2 stone, 1 arbor band, 1 soft wheel chuck.
 - (t) Single shaft, right side.

True-Running Chucks



Made to close-tolerance specifications, keeps vibration to an absolute minimum. All chucks guaranteed to match lathes with standard tapered shafts. Mounting hole 0.370" tapered 0.250 per foot.

Catalog Number	List Price	Disc. Sym.	Description	Shpg. Wgt.
R1	96	SVC	Hard Wheel, Right Hand, Brass	1
R2	47	SVC	Soft Wheel, Right Hand, Brass	1
L3	92	SVC	Hard Wheel, Left Hand, Brass	1
L4	107	SVC	Soft Wheel, Left Hand, Brass	1
R5A	158	SVC	Burr Chuck, Right Hand,	1
R6	53	SVC	Arbor Band, Right Hand, Brass	1
L7	206	SVC	Burr Chuck, Left Hand, Stainless	1

Exercise caution and wear safety glasses

Note: R1 & L3 hard wheel chucks accommodate up to 1/4" wide wheel with 1/4" arbor hole. R6 arbor band chuck accommodates 1/2" wide x 3/4" diameter arbor band.

Three Year Warranty

Polishing lathes are warranted against burnouts, defective materials, and workmanship for three full years. Warranty covers all parts except those subject to normal wear. "Wells Quick Chuck" warranted one year by manufacturer.

Motor Mod Express®

Modification Number	Motor Mod Express®	Page No.
Balance		307
M1A	Dynamic Balance of Rotors	
Bearings		307
M2A	Sealed Bearings	
M2B	Ball to Roller 1800 RPM or Below	
M2F	Add Isolated Bearings NEMA 254T through 5810 (SKF Insocoat or equivalent)	
Brake Motors		309
M3D	Change Stearns Brake	
Conduit Box		309
M4A	Tap or Provide Additional Lead Hole	
M4B	Rotate Conduit Box Lead Opening	
M4F	Replace Die Cast Aluminum Conduit Box	
M4G	Add Conduit Box for Thermostat or Heater Leads	
Cord		311
M5A	Install Line Cord in Conduit Box or Terminal Panel	
M5B	Install 6 Foot, 3 Conductor, Type SO Cord	
Drains		312
M7A	Add Condensation Drain Holes	
M7C	Close Standard Condensation Drain Holes	
M7D	Add Breather Drain to Cast Iron Explosion-Proof Motors	
Dripcovers		312
M8A	Install Dripcover on TEFC or ODP	
Leads		313
M10A	Install Terminal Lugs	
M10B	Reconnect from Nine Leads to Three Leads	
M10C	Reconnect Motor to High or Low Voltage in Conduit Box	
M10D	Longer Leads	
Lubrication		314
M11A	Install Low Temperature Bearing Lubricant	
M11B	Add High Temperature Grease	
Seals		315
M12A	Install Oil Seals	
M12B	Install Inpro/Seal®	
M12C	Install V-Ring Seals to Motor	
Mountings		316
M13A	Add Rigid Base	
M13B	Install NEMA C-Face - Steel Band Construction	
M13C-1	Install NEMA C-Face - Cast Iron Construction	
M13C-2	Install NEMA C-Face - IEEE 841 Motors	
M13D	Add D-Flange	
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Motor Mod Express®

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Motor Mod Express®

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Motor Mod Express®

Ordering Information

Note: Motors made for sale in the U.S. must comply with the Small Motor Rule and the Integral Horsepower Rule (10 CFR 431) including those modified from stock. After any modification, the motor must comply with the minimum efficiency levels if the motor is sold for use in the United States.

Motors sold for use in Canada must comply with the applicable regulations such as Natural Resources Canada if used in that country. Motors sold through distribution into Mexico must be registered and comply with NOM ANCE standards. Motors modified and sold for use in Europe must comply with CE for efficiency and other markings. Other countries have their own specific requirements and certifications for those specific countries.

Order size limited to qty.(1-10) and will ship as a single lot upon completion of modification. To order, specify the catalog number of the stock product and the MOD number. Apply the motor discount to the motor list price. Apply the modification discount symbol MX to the modification list price. Customer will absorb all freight costs when motor is shipped to Fort Smith from field warehouses. For order qty.(1-5) lead times will be as indicated and are subject to availability of stock motors in the Fort Smith Warehouse. Orders with qty.(6-10) may require additional scheduling lead time, contact your ABB sales office.

Lead times indicated are subject to availability of stock motors in the Fort Smith Warehouse.

Customer will absorb all freight costs when motor is shipped to Fort Smith from field warehouses.

Note: Some modifications do not apply to explosion-proof motors. Contact your local sales office for approval.

Modifications for the 449T frame 2300 Volt and above as well as the 5008-5810 frame motors have been specifically created for the General Purpose Motor (GPM) product family of Large AC TEFC motors. Factory modifications are not available for the 450 and 500 IEC frame sizes in the GPM product. Some of the modifications may be used on the Severe Duty or Ammonia Compressor ODP products, however please check with the factory prior to order entry to ensure availability of required modification.

MOD Express Cancellation Policy

Should it be necessary to cancel an order for a motor after it is modified, but before it ships – a cancellation charge of double the modification charge will be invoiced to the customer. Any MOD order cancelled before modification is completed is subject to 25% cancellation charge.

Once shipped, modified motors returned at purchaser's expense will be invoiced at double the MOD fee plus 10% restock fee.

Note: Mod Express for RPM AC, RPM III DC and V*S Master is available. Contact your local Sales Office for details.

Some modifications cannot be performed on UL, CSA, or UL/CSA Certified Grinders, Buffers, or Belt Sanders without voiding the Certification.

In such instances, the Certification Mark(s) would need to be removed.

Please contact your sales representative.

Note

NEW modifications are indicated with **RED** titles.

All lead times indicated are subject to availability of stock motors and parts in the Fort Smith warehouse. Please check stock availability before quoting lead time.

Some conversions may not be allowed if they result in a change of operating parameters that affect efficiency or change the EISA or NRCan classification of compliant motors.

Modification prices do not include the cost of the motor, speed reducer, etc.

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Balance

M1A

Dynamic Balance of Rotor

Re-balance stock motor to special balance NEMA 42 through 5810 frame.

Squirrel Cage Type			
NEMA Frame	Standard Balance	Special Balance	List Price Per Motor
40 - 140	0.15"/s	0.08"/s	256
180 - 210	0.15"/s	0.08"/s	621
250 - 280	0.15"/s	0.08"/s	894
320 - 360	0.15"/s	0.08"/s	1734
400	0.15"/s	0.10"/s	2100
440	0.15"/s	0.10"/s	2192
5008 - 5810	0.15"/s	0.10"/s	2342

Note: Balance units are for velocity in inches per second.
Special balance is the standard level for IEEE-841 (2009).

TWO
DAYS

Bearings

M2A

Sealed

This modification provides the option of replacing standard bearings in AC motors with sealed bearings.

NEMA Frame	List Price Per Motor (2 Bearings)
48, 56	181
143 - 145	185
182 - 184	233
213 - 215	233
254 - 256	435
284 - 286	435
324 - 326	562
364 - 365	562

Note: Grease fittings will be replaced with slotted head pipe plugs.
Contact your sales representative.

Grease fittings will be replaced with slotted head pipe plugs unless otherwise specified.

TWO
DAYS

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Bearings continued...

M2B

Ball to Roller 1800 RPM or Below

THREE
DAYS

Roller bearings have the capability to handle higher radial loads than ball bearings, but must have high minimum radial loads to operate correctly.

Roller bearings must only be used in heavy belted loads, they are not suitable for coupled loads. Only the stock 449T frames 2300V and above, as well as the TEFC 5000 and 5800 frame GPM TEFC motors with “L” shafts have high strength steel shafts.

Also see the main catalog section for stocked Baldor-Reliance® motors with roller bearings already installed. These stock motors are identified with a “LR” suffix after the catalog number – Example: EM58606LR-2340.

Does Not Apply to Explosion-Proof Motors or designs that must be built as custom motors.

NEMA Frame	List Price Per Motor
449T*	1948
5008L - 5810L	1948

Note: *449T - Applicable to 449T, 2300 volt and above.
Users must ensure to not exceed load carrying capability of installed roller bearing.
Maxium load capability of a rating can be provided.
If unsure of your load data, a belt load datasheet can be provided to assist.

M2F

Add Isolated Bearings NEMA 56 Through 5810 (SKF Insocoat or equivalent)

TWO
DAYS

If insulating both bearings, the addition of M39A is recommended.

NEMA Frame	List Price (x2 per set)
56 - 145T	539
182T - 184T	560
213T - 215T	762
254T - 256T	1168
284T - 286T	1466
324T - 326T	1634
364T - 365T	1693
404T - 405T	1772
444T - 445T	1852
447T - 449T	3174
5008 - 5810	1305 (1 Bearing)

Note: Totally Enclosed (TEFC) 449T frames at 2300/4000V and 5008-5810 motors come standard with an insulated opposite drive bearing.
For pricing on 2300/4000V 449T frame, please use 5008-5810 frame adder

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Brake Motors

M3D

Change Stearns Brake Voltage

Brake coils will be changed to allow operation from different voltage supplies for both 50 and 60 hertz AC or from DC supplies.

External brake coil lead connections will be brought from the brake or from the motor conduit box when necessary in the application.

Specify brake lead location, voltage of brake coil, frequency of supply source. (Allow 2 weeks for brake coil delivery.)

List price: \$282 per brake (plus any difference in coil cost).

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Conduit Box

M4A

Tap or Provide Additional Lead Hole

Lead outlet hole in conduit box with dimensions as shown below will be tapped to accept threaded conduit as shown in “Optional threaded hole...” column below.

An additional clearance hole or threaded hole may be supplied if specified. Use same list adder for threaded hole.

TWO

DAYS

NEMA Frame	Stock Motor		Optional Threaded Hole For Conduit Size	List Price Per Motor
	Hole Diameter *	For Conduit Size		
48 - 145T	7/8"	1/2"	3/4"	126
182 - 215T	1-1/16"	3/4"	1"	126
254 - 256T	1-3/8"	1"	1-1/4"	206
284 - 326T	2"	1-1/2"	2"	206
364 - 365T	2-1/2"	2"	2-1/2"	276
404 - 405T	3"	2 1/2"	3"	300
444 - 447T	3"	2-1/2"	3"	300

Note: * Stock motor lead holes are not threaded except on Dirty Duty and Chemical Process motors.

Extra lead holes do not apply to Explosion-Proof motors.

If additional hole is needed, specify hole diameter and exact location.

Contact your sales representative for application assistance.

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Conduit Box continued...

M4B

Rotate Conduit Box Lead Opening

Specify lead opening location facing conduit box

List Price Per Motor: \$147

TWO
DAYS

M4F

Replace Die Cast Aluminum Conduit Box

Install cast iron conduit box with drilled and tapped entrance hole.

NEMA Frame	List Price Per Motor
42 - 56	162
143 - 215T	187
254 - 286T	230
324 - 365T	368

TWO
DAYS

M4G

Add Conduit Box for Thermostat or Heater Leads

Not for Explosion-Proof motors

NEMA Frame	List Price Per Motor
56 - 145T	441
182 - 215T	515
254 - 365T	778
404 - 449T	984

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Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Cord

M5A

Install Line Cord in Conduit Box or Terminal Panel

TWO
DAYS

Heavy duty, industrial type SO oil resistant cord with ground will be installed in conduit box or terminal panel. Strain relief included.

Plug not included.

Does Not Apply to Explosion-Proof Motors.

Some modifications cannot be performed on UL, CSA, or UL/CSA Certified Grinders, Buffers, or Belt Sanders without voiding the Certification.

In such instances, the Certification Mark(s) would need to be removed.

Please contact your sales representative.

Wire Gauge	Stock Motor		Six Feet or Less List Price	Each Additional Foot to Ten Max List Price
	Single Phase	Three Phase		
18	10	7	133	10
16	13	10	133	11
14	18	15	154	14
12	25	20	162	15

Note: Specify voltage and rotation facing drive end of motor.

M5B

Install 6 Foot, 3 Conductor, Type SO Cord With Plug

TWO
DAYS

With ground plug for 115VAC, single phase only.

Does Not Apply to Explosion-Proof Motors.

Some modifications cannot be performed on UL, CSA, or UL/CSA Certified Grinders, Buffers, or Belt Sanders without voiding the Certification.

In such instances, the Certification Mark(s) would need to be removed.

Please contact your sales representative.

Hp	List Price Per Motor
1 Hp and smaller	142

Note: Advise rotation facing drive end of motor

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Drains

M7A

Add Condensation Drain Holes

TWO
DAYS

A maximum of two additional drilled holes will be made in both endplates of 215T frame and smaller TEFC motors.

A maximum of one additional plastic T-drain fitting will be installed in both endplates of 254T frame and larger TEFC motors.

Does Not Apply to Explosion-Proof Motors

NEMA Frame	List Price Per Motor
215 and Smaller	223
254 - 449	303

Note: Indicate position of drain holes in each endplate.

M7C

Close Standard Condensation Drain Holes

TWO
DAYS

Close existing drain holes with plugs.

Does Not Apply to Explosion-Proof Motors

NEMA Frame	List Price Per Motor
215 and Smaller	185
254 - 449	223

M7D

Add Breather Drains to Cast Iron Explosion-Proof Motor

TWO
DAYS

Drain Type	List Price Per Motor
UL Listed Explosion-Proof Drain - ANSI 316 S.S.	389
UL Listed Explosion-Proof Drain - Crouse-Hinds ECD	437

Dripcovers

M8A

Install Dripcover on TEFC or ODP

TWO
DAYS

NEMA Frame	List Price Per Motor ODP or TEFC
48 - 145	147
182 - 184	158
213 - 215	176
254 - 256	202
284 - 286	244
324 - 326	270
364 - 365	488
404-405 (NEMA Frame)	488
444 - 449 (NEMA Frame)	692

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Leads

M10A

Install Terminal Lugs

Ring-type non insulated terminals made of copper alloy and seamless compression type lugs. Prices are standard 3-lead single voltage three-phase motors. Multiply mod list adder for actual number of leads per motor.

NEMA Frame	List Additions for 3 Terminal Lugs
215 and Smaller	180
254-365	223
404-445	265
447-449	265

Note: 5008 and up, come standard with lead lugs. Option is for conversion to single or double Burndy style lugs.
5008 and above contact your sales representative for lead time and freight charges back to plant of manufacturing.

TWO
DAYS

M10B

Reconnect Motor from Nine Leads to Three

Specify Voltage When Ordering

NEMA Frame	List Price Per Motor
42 - 145	162
182 - 184	251
213 - 215	333
254 - 256	375
284 - 286	494
324 - 326	624

Note: On explosion proof, leads are connected in conduit box.

TWO
DAYS

M10C

Reconnect Motor to High or Low Voltage in Conduit Box

Please specify voltage.

NEMA Frame	List Price Per Motor
42 - 145	162
182 - 184	251
213 - 215	333
254 - 256	375
284 - 286	494
324 - 326	624

TWO
DAYS

M10D

Longer Leads, Additional Leads added

Does Not Apply to Explosion-Proof Motors.

Some modifications cannot be performed on UL, CSA, or UL/CSA Certified Grinders, Buffers, or Belt Sanders without voiding the Certification.

In such instances, the Certification Mark(s) would need to be removed.

Please contact your sales representative.

NEMA Frame	Number of Leads	18 Inches	24 Inches	List Price 36 Inches
42-286	3 - 12 Leads	215	218	224
	3 Leads	324	335	346
	6 Leads	358	380	403
324-449	9 Leads	392	425	459
	12 Leads	425	470	515

Note: If lead requirements are longer than 8 feet contact your sales representative.

TWO
DAYS

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Lubrication

M11A

Install Low Temperature Lubricant in Bearings

(Single Shield or Open Bearing)

Standard grease is Exxon POLYREX® EM, with bearing operating temperature range of -15° to +250°F.

For low temperature operation, please specify either Aeroshell #7 or Mobil Temp SHC-32 low temperature grease which allows an operating temperature range for bearings of -55° to +200°F.

New bearings are installed when grease is changed.

TWO
DAYS

Does Not Apply to Explosion-Proof Motors

NEMA Frame	List Price Per Motor
48	126
56 - 145T	135
182 - 184T	145
213 - 215T	150
254 - 256T	192
284 - 286T	213
324 - 326T	299
364 - 365T	319
404 - 405T	507
444 - 449T	700

Note: Low temperature operation below -25C (-13F)

M11B

Add High Temperature Grease

Standard grease is Exxon POLYREX® EM, with bearing operating temperature range of -15° to +250°F. For High temperature operation, please specify Mobilith SHC 220 high temperature grease which allows an operating temperature range for bearings of -40° to +302°F.

New bearings are installed when grease is changed.

TWO
DAYS

Does Not Apply to Explosion-Proof Motors

NEMA Frame	List Price Per Motor
48	126
56 - 145T	135
182 - 184T	145
213 - 215T	150
254 - 256T	192
284 - 286T	213
324 - 326T	299
364 - 365T	319
404 - 405T	507
444 - 449T	700

Note: Contact your sales representative to discuss application prior to ordering.

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Seals

M12A

Install Oil Seals

Nitrile is the standard oil seal material

Does Not Apply to Explosion-Proof Motors

NEMA Frame	List Price Each
48, 56	342
143T - 145T	342
182T - 184T	378
213T - 215T	417
254T - 256T	574
284T - 286T	673
324T - 326T	760
364T - 365T	956
404T - 405T	956
444T - 449T*	1008

* For 449T frames 2300 Volt and above, consult M27B Mod.

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M12B

Install Inpro/Seal® Drive End Only

Inpro/Seal® VBX is the standard material used.

Note: Contact your sales representative for opposite drive end installation or order IEEE 841 motor from stock.

Does Not Apply to Explosion-Proof Motors

NEMA Frame	List Price Each
143T-215T	1070
254-256T	1340
284-286T	1428
324-326T	1516
364-365T	1739
404-405T	1825
444-449T	2224
5008 - 5810	1101

FOUR
DAYS

M12C

Install V-Ring Seals to Motor

Add set of V-Ring seals to the motor. One seal in the DE, and another seal between the fan and ODE Endplate.

TENV and OPEN motors only get a seal on the DE.

List per motor: \$266

TWO
DAYS

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Mountings

M13A

Add Rigid Base

Weld stamped steel base to steel band explosion proof motor unless motor meets VEM or VEL.

Not available if conversion results in motors that fall under EISA/NRCAN requirements.

NEMA Frame	List Price Per Motor
42 - 48	168
56	172
143 - 145T	172
182 - 184T	209
213 - 215T	251

Note: Not available for cast iron motors.

TWO
DAYS

M13B

Install NEMA C-Face Steel Band Motor Construction

Add to rigid base mounted motor.

Not for explosion proof motors.

NEMA Frame	List Price Per Motor
42, 48 & 56	221
143 - 145T (1)	221
182 - 184T (1)	242
213 - 215T (1)	293
254 - 256T (2)	557
284 - 286T (2)	756
324 - 326T (2)	988

Note: (1) These motors will have a non-NEMA BA dimension when C-Face is added.

(2) Applies to ODP only.

Open motors having type numbers beginning with "34" cannot be modified to C-Face. Contact your local sales office for details.

TWO
DAYS

284T &
LARGER
SUBJECT TO
CASTING
AVAILABILITY

M13C-1

Install NEMA C-Face - Cast Iron Construction

Install Cast Iron Endplate where aluminum die cast parts are supplied as standard.

Does Not Apply to Explosion-Proof Motors, See M13G

NEMA Frame	List Price Per Motor
48 & 56	234
143 - 145T (1)	234
182 - 184T (1)	282
213 - 215T (1)	324
254 - 256T	717
284 - 286T	988
324 - 326T	1069
364 - 365T	1153
404 - 405T	1438
444 - 449T	1725

Note: (1) These motors will have a non-NEMA BA dimension when C-Face is added.

Specify C-face or Standard horizontal endplate.

TWO
DAYS

Motor Mod Express®

Modification
Number

Motor Mod Express®
Description and List Price

Working Days
Required

Mountings continued...

M13C-2

Install NEMA C-Face – IEEE 841 Motors

TWO
DAYS

NEMA Frame	NEMA C-Face Price
284 - 365TC	1022
324 - 326TC	1590
364 - 326TC	1611
404 - 405TC	1793
447 - 449TC	1902

M13D

Add D-Flange

Some motors may be converted to D-Flange mounting and meet NEMA BA dimensions.

All other frame sizes needing D-Flange mounting please order as custom motor.

Does Not Apply to Explosion-Proof Motors

CONTACT
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Steel Band

NEMA Frame	List Price Per Motor
140	221
180	598
320	986

Cast Iron

NEMA Frame	List Price Per Motor
180	321 * †
250	1069 * †
280	1192 *
320	1357 *

Note: * TEFC motors only

† Must start with motor that already has C-Face on it.

M13E

Remove Rigid Base from Foot Mounted Steel Band Motors

TWO
DAYS

NEMA Frame	List Price Per Motor
42 - 48	224
56	230
143 - 145T	230
182 - 184T	279

Notes: Bases cannot be removed from motors above 180T frame.

Bases cannot be removed from explosion proof motors.

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Mountings continued...

M13F-1

Convert Mounting Configuration for Steel Band Motor

TEN
DAYS

Available on all Steel Band AC motors through 449T Frame.

For conversion to F2 designs, check available inventory before using Mod. Consists of repositioning endplate vents, condensation drains, and where applicable, the conduit to positions shown in the Mountings chart at the end of Mountings mods.

Converting a steel band motor requires a new steel band frame.

Does Not Apply to Stainless Steel Band Motors

Does Not Apply to Explosion-Proof Motors

NEMA Frame Enclosure	Specify Mounting configuration using Drawing at the end of ModEx Mountings section		List Price Per Motor
	ODP	TEFC	
UP TO 184T	Yes	Yes	564
213 - 215T	Yes	Yes	564
254 - 326T	Yes	254-6	733
364 - 449T	Yes	Yes	959

M13F-2

Convert Mounting Configuration for Cast Iron Motor

THREE
DAYS

Available on all Cast Iron AC motors through 449T Frame. For conversion to F2 designs, check available inventory before using Mod.

Consists of repositioning endplate vents, condensation drains, and where applicable, the conduit to positions shown in the Mountings chart at the end of Mountings mods.

Does Not Apply to Explosion-Proof Motors

NEMA Frame Enclosure	Specify Mounting configuration using Drawing at the end of ModEx Mountings section		List Price Per Motor
	ODP	TEFC	
UP TO 184T	Yes	Yes	213
213 - 215T	Yes	Yes	213
254 - 326T	Yes	Yes	213
365 - 449T	Yes	Yes	213
5008-5810	No	Yes	414

Note: For 5008-5810 Open motors (WPI, WPII), please contact factory to determine if F2 is achievable.

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Mountings continued...

M13G

Add C-Face to Explosion-Proof Motors

THREE
DAYS

Only available on NEMA frames shown below.

NEMA Frame	List Price Per Motor
56	268
143 - 145T (Steel Band only)	268
284 - 286T	1932
324 - 326T	2643
364 - 365T	2957
404 - 405T	3489

Note: Any other frame size must be built as a custom motor.

M13I

Mount Grinder or Buffer onto Pedestal

TWO
DAYS

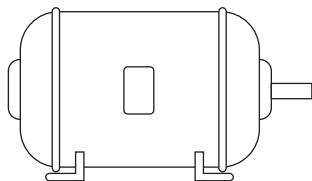
Price does not include the grinder or buffer, pedestal or any accessories.

Wheel Size	List Price Per Grinder or Buffer
All	213

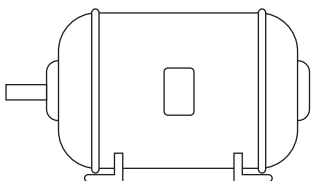
Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

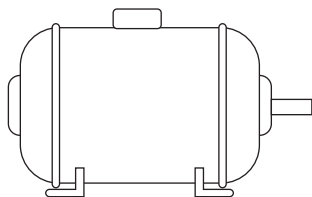
Floor Mountings



Assembly F-1

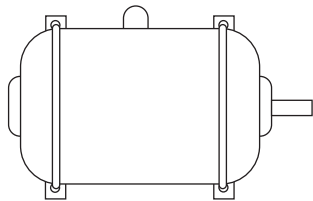


Assembly F-2

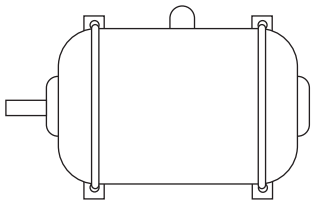


Assembly F-3

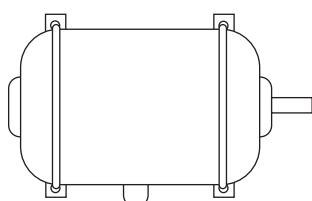
Wall Mountings



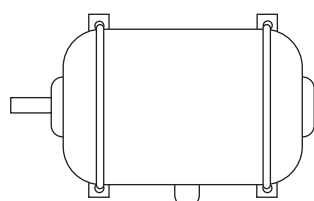
Assembly W-1



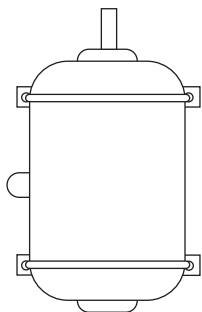
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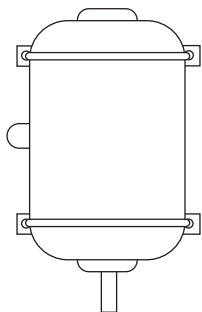
Assembly W-3



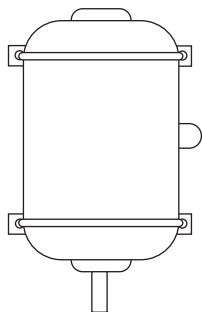
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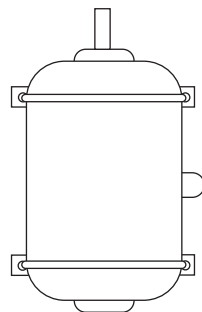
Assembly W-5



Assembly W-6

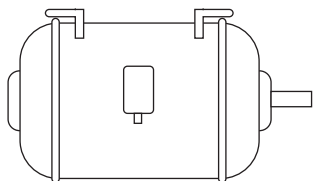


Assembly W-7

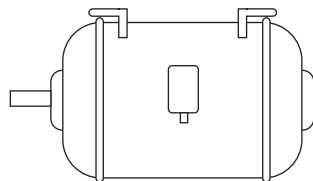


Assembly W-8

Ceiling Mountings



Assembly C-1



Assembly C-2

Note: For all NEMA mounting configurations, refer to NEMA MG 1-2016.

For more information visit baldor.com or new.abb.com/motors-generators

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Export Packaging

M14A

Open Crate Packaging

EIGHT
DAYS

Replace standard motor packaging with Open Crate.

For NEMA 360 thru 449 frames the open crate has Euro base as standard.

Requests for Euro pallet on NEMA 320 frame and smaller must be made in shipping instructions.

NEMA Frame	Open Crate List Price
56-215	525
254-326	684
364-445	965
447-449	1091
5008-5012	2043
5810	2179

M14B

Totally Enclosed Crate Packaging

EIGHT
DAYS

Replace standard motor packaging with Enclosed Crate.

For NEMA 360 thru 449 frames the enclosed crate has Euro base as standard.

Requests for Euro pallet on NEMA 320 frame and smaller must be made in shipping instructions.

NEMA Frame	Open Crate List Price
56-215	658
254-326	925
364-445	1151
447-449	1338
5008-5012	9154
5810	9974

M14C

Motor and Nameplate Photograph

FIVE
DAYS

Take photo of motor and nameplate for FAA Security Endorsement Documents.

Photos will be attached to sales order.

List price per motor: \$85

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Nameplate

M15A	Provide Original Nameplate for Remote Mounting Extra nameplate is packed with motor, not mounted. All CSA and UL _R markings are removed on duplicate nameplates. Shipped loose. List per motor: \$123 5000 Frame and Above: \$369 List	TWO DAYS
M15B	Replace Nameplate Replace motor nameplate which may include customer part numbers, voltage, hertz, etc. List per motor: \$147 5000 Frame and Above: \$400 List	TWO DAYS
M15C	Laser Engrave Nameplate into Stainless Steel Motor Motor nameplate is laser etched on stainless steel band surface up to 210 frame motor List per motor: \$147	TWO DAYS
M15E	Mail Nameplates to Customer (All CSA and UL _R markings are removed on nameplates ordered as a mail out order) No Explosion-Proof Nameplates (No Exceptions!) Order minimum charge of \$31 net. Add \$3.00 net for each additional nameplate. 5000 Frame and above: \$369 Note: No charge orders only accepted if with RA or warranty claim. Nameplates for Explosion-proof motors will not be mailed out, no exceptions.	TWO DAYS
M15F	Mark Nameplate with CE The motor has to meet IE2 efficiency standards and be ATEX / IECEx approved in order to be CE marked. Does not apply to Div. 1 or Div. 2 classified motors. List per motor: \$147	TWO DAYS

Blowers

M16A

Add Constant Velocity Blower Unit

Contact your sales representative for details

TWO DAYS

M16B

Convert from a 3 Phase to a Single Phase Blower

NEMA Frame	List Price Per Motor
All	228

TWO DAYS

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Paint

M17A

Paint Motor Baldor-Reliance® Stock Paint Color

Baldor-Reliance® Stock colors are: Metallic Gray, Reliance Blue/Green, Gold Super-E, Black, White, Silver, Lite Tan. Stock colors for 5008 and up are: White, Black, Yellow, Gray and Signal Red. Please specify color on order.

All orders that call for Epoxy paint require an additional day to allow for complete drying of paint.

NEMA Frame	Open Crate List Price
42 - 215T	147
254 - 449T	579
5008 - 5812	1359

TWO
DAYS

M17B

Paint Motor or Parts Customer Specified Color

Painted parts include, but are not limited to, fan covers, conduit boxes, drip covers, etc.

Please provide color chip or RAL number on order.

All orders that call for Epoxy paint require an additional day to allow for complete drying of paint.

List price: Contact your local sales office for quote.

TWO
DAYS

Lifting Lugs

M18A

Add Lifting Lugs Up to a 326T Frame Size

NEMA Frame	List Price Per Motor
48 - 145T	219
182 - 215T	272
254 - 286T	353
324 - 326T	431

TWO
DAYS

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Hardware

M20A

Exchange Plated Hardware with Stainless Steel

TWO DAYS

Replaces all mounting hardware for fan cover, conduit box, bearing retainers, thru-bolts, and frame bolts with 304 stainless steel hardware.

NEMA Frame	List Price Per Motor
56-184	337
213-215	373
254-256	431
284-286	488
324-326	561
364-405	647
444-445	792
447-449	876
5008-5810	3410

Note: 5008 frame and up, pricing includes grease and relief tubes.

Space Heaters

M21A

Add Space Heaters to TEFC or Open Motors

TWO DAYS

Standard space heater voltage is 110VAC. Heaters for 230 or 460 volts are available. Specify circuit voltage.

Does Not Apply to Explosion-Proof Motors

NEMA Frame	List Price Per Motor
145T and Smaller	319
182 - 215T	402
254 - 365T	598
404 - 449T	680

Note: Strip type space heaters are standard.

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Thermal Protectors

M23A

Thermostats

TWO
DAYS

One or More Thermostats Laced to Winding

For over temperature protection.

These are pilot circuit devices only with leads into conduit box tagged "JJ".

Specify normally open or closed contacts.

All ECP motors require hermetically sealed thermostats to maintain Division 2 marking.

Does Not Apply to Explosion-Proof Motors

NEMA Frame	Number of Devices	Standard List Price Per Motor	Hermetically Sealed for Division 2
Single Phase	1	185	N/A
Three Phase 42 - 215T	3 (3)	209	304
Three Phase 254 - 449T	3 (3)	557	653
Direct Current 48 - 215T	1	209	N/A

Note: (3) In Series with two leads into conduit box. Normally open are in parallel.

Winding Thermocouples

(3 per motor, 6 foot standard length)

M24A

Iron Constantan (3 per motor)

TWO
DAYS

Specify location.

Does Not Apply to Explosion-Proof Motors

NEMA Frame	List Price Per Thermocouple
42 - 215T	202
254 - 449T	417

Note: Thermocouples are installed on end turns.

Motor Mod

ABB Mod

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Quick Ref Charts

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Winding Thermistors

M25A	Thermistors Thermistors are normally applied in sets of three (3) per motor, One (1) per phase. Does Not Apply to Explosion-Proof Motors List Price per motor: \$669	TWO DAYS

Tropicalization

M26A

Protection of Windings and Mechanical Parts

Protection from tropical environments.

NEMA Frame	List Price Per Motor
	AC
Through 215T	244
254 - 365T	350
404 - 449T	598
5008 - 5810	1609

Note: For 5008-5810 this includes epoxy coating of rotor and stator and additional fungus protection

TWO DAYS

Weatherproofing

M27A

Treatment of Windings and Mechanical Parts

Protection from the elements or high moisture areas.

Does Not Apply to Explosion-Proof Motors

NEMA Frame	List Price Per Motor
	AC
42 - 215T	238
254 - 365T	1112
404 - 449T	1306

Note: "Dirty Duty", "CP" and "ECP" motors are weatherproofed as standard.

TWO
DAYS

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Shaft Modifications

Includes modifications to existing shafts only. Not applicable if new shaft is required. Price each modification per table. One or both bearings will be replaced after shaft modification is complete.

FIVE
DAYS

NEMA Frame	List Price Per Modification	NEMA Frame	List Price Per Modification
42 - 145T	219	254T - 256T	291
182 - 184T	230	284 - 286T	291
ASM62 (5)	270	324-326T	337
213 - 215T	319	364-365T	359
ASM75 (5)	319	404-405T	401

Note: (5) Arbor Saw Motors.

M29A

Drill and Tap One Hole in End of Shaft or Mill Flat on Shaft Extension.

Provide details on order.
Price this modification per table above.

THREE
DAYS

M29B

Convert from TEFC to TEAO

Cut off shaft extension for external fan.
Price this modification per table above.

Does Not Apply to Explosion-Proof Motors

THREE
DAYS

M29C

Threading

Specify right hand or left hand thread, also type and length of thread.
Price this modification per table above.

FIVE
DAYS

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Shaft Modifications continued...

M29D

Convert “T” Frame to “U” Frame Shaft Dimension or Smaller (TS)

FIVE DAYS

Shorten shaft and reduce overall diameter. Provide details on order.
For “U” frame conversion on 280, 320, 360, and 440 frames, please enter custom order. Not available through Mod Express.

NEMA Shaft	Conversion of T Frame to TS or U Frame List Price Per Motor
143 thru 145T	219
182 thru 215T	402
254 thru 286T	916
324 thru 365T	1364
404 thru 449T	2248

M29F

Shorten Shafts Without Reducing the Overall Diameter

THREE DAYS

Shortening the shaft may cause the motor to fall out of NEMA standards. If motor falls out of NEMA standards, the nameplate will be designated with a “TZ” to signify short shaft.

NEMA Shaft	List Price Per Motor
48 - 145T	232
182 - 215T	247
254 - 256T	253
324 - 326T	267
364 - 365	281
404 - 405	281
447 - 449	294

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Tach and Encoder Mounting Kits

M31D

Add Encoder Kit to Inverter Duty V*S Master or RPMAC Motor

TWO
DAYS

Order encoders separately.

Encoders can be found in the Variable Speed AC motors section.

NEMA Frame	RPMAC Frame	List Price Per Motor
56 - 215T	FL/RL180-210	191
254T - 404T	FL/RL 250-400	397
444T - 449T	FL/RL440	619
5008 - 5810	N/A	2614

Note: For 5008-5810 frames motors come with HS35R Dynapar encoders.

M31E

Additional Mounted Encoder Options for IDRPM Motors

TWO
DAYS

List price includes encoder and mounting to motor.

Type	Frame Size	Mfg.	PPR	Mag or Optical	Conn Type	Input Voltage VDC	List Price
HS35	All	BEI	1024	O	MS-TL	5-28	1834
HS35	All	BEI	2048	O	MS-TL	5-28	1834
LP35	All	BEI	1024	M	Term. Block	5-15	1834
LP35	All	BEI	1024	M	MS-TL	5-15	1834
LP35	All	BEI	1024	M	MS-ST	5-15	1834
HS20	All	Dynapar	1024	O	MS-TL	5-26	1834
ST85	All	Northstar	1024	O	EPIC Latch	5-15	3226
HS35M	All	Avtron	1024	M	MS-ST	5-24	1995
HS35M	All	Avtron	1024	M	EPIC Latch	5-24	1995

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Testing

Contact your local sales office for original factory test reports.

M32A

CSA C390 Method 1 Equivalent to IEEE 112 Method B Performance Testing

SEVEN *
DAYS

Three phase stock motors will be tested under lab conditions according to CSA C390 (equivalent to IEEE 112b).

Complete test data will be supplied.

Bearings are replaced after testing.

NEMA Frame	List Price Per Motor
42 - 215	2400
254 - 320	3901
360 - 449	4694
5008 - 5810	5250

Note: For 449T frames 2300V and above use 5000 frame price – motors will be tested at factory.

M33A

Short Motor Test

SEVEN *
DAYS

Three phase or single phase motors will have any or all of the following motor characteristics measured. Test data will be supplied. All data will be taken on cold motor.

- No Load Current
- Locked Rotor (Starting) Current
- Full Load Current
- Locked Rotor Torque
- Breakdown Torque
- Hi-Potential Test

NEMA Frame	List Price Per Motor
42 - 215T	400
254 - 449T	731

Note: Not available for 449T Frame 2300 Volt and up.

M33B

Routine Motor Test

SEVEN *
DAYS

This is a test reported per IEEE Std. 112 – 2004 Annex B.

All data will be taken on a cold motor.

Test includes:

- No Load Current
- High-Potential
- Locked Rotor Current
- Winding Resistance

NEMA Frame	List Price Per Motor
42 - 215T	270
254 - 449T*	496

Note: * Lead time is dependent on Test Lab availability. Contact your local sales office.

For more information visit baldor.com or new.abb.com/motors-generators

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Testing continued...

M33C

Complete Performance Test

SEVEN *
DAYS

A Complete test uses a dynamometer to verify nameplate description and electrical design characteristics. The motor is allowed to achieve its full load temperature rise before making performance measurements. Testing conducted per IEEE Std 112-2004 Annex C. Test report includes:

- No Load Current
- Full Load Current
- Locked Rotor Current
- High-Potential
- Winding Resistance
- Full Load Heat Run
- Temperature Rise
- Full Load Slip
- Measure breakdown and starting torques
- Measure efficiency at 100%, 75%, 50% of full load
- Measure power factor at 100%, 75% 50% of full load

NEMA Frame	List Price Per Motor
42 - 215T	2400
254 - 320T	3597
360T - 449T*	8787

Note: For 449T frame 2300 Volt and up please see M32A.

M33D

Calibration Test

* CONTACT
YOUR
LOCAL
SALES
OFFICE

This test consists of 0 to 125% rated load test measurement of speed, torque, current, power factor and efficiency at rated voltage.

The data is provided as a curve plotted on Baldor-Reliance® standard format.

Tests may also be performed as a witnessed test.

NEMA Frame	Calibration Test
42 - 215T	2160
254T - 320T	2878
360T - 449T*	7913

Note: Not available for 449T frame 2300 Volt and above.

M33E

Sound Measurement Test

SEVEN *
DAYS

Two tests are available to measure the sound produced by the motor at idle and operated from a line power supply.

The basic test is an overall sound measurement (one band). The Noise test that verifies sound levels per procedures defined in IEEE-85 under a No Load Condition showing an octave band analysis is also available.

Double these prices for witnessed tests.

Note: Sound tests must be performed in Fort Smith or the Motor R&D Lab in Greenville. Allow for extra shipping time and freight charges from plant.

NEMA Frame	Calibration Test
42 - 215T	985
254 - 445T	1472
447 - 449T	3595

Note: * Lead time is dependent on Test Lab availability. Contact your local sales office.

For more information visit baldor.com or new.abb.com/motors-generators

Motor Mod

ABB Mod

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Quick Ref Charts

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Terminal Blocks

M35A

Install IEC Terminal Blocks in Conduit Box and
Connect Leads

TWO
DAYS

IEC Frame, stocked with terminal blocks.
Advise how motors leads are to be connected.
Does Not Apply to Explosion-Proof Motors

NEMA Frame	List Price
34 FRAME - 56-143T	228
35 FRAME - 56-145T	245
182-184	272
213-215	298
254-256	342
284-286	353
324-326	1031
364-365	1031
404-405	1031
444-449	1031

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Starters

Add Magnetic or Manual Starter to Grinder or Buffer

Mounted and wired on Baldor-Reliance® industrial grinders and buffers.

Starters are in NEMA 1 enclosure and have the push button in cover.

Available only as factory installed options.

Lead time is dependent on delivery of the starter.

Price of the starter is included.

M36A

Starter – Single Phase

Full voltage control.

Some modifications cannot be performed on UL, CSA, or UL/CSA Certified Grinders, Buffers, or Belt Sanders without voiding the Certification.

In such instances, the Certification Mark(s) would need to be removed.

Please contact your sales representative.

Grinder Wheel Size	Buffer Hp	Manual 115/230 Volts List Price	Magnetic 115 Volts List Price	Magnetic 230 Volts List Price
6"	1/3	503	825	922
7"	N/A	503	825	922
8"	3/4	503	946	922
10"	1	503	946	922
N/A	1-1/2	503	946	810
12"	2	Standard Equipment	803*	810*

Note: Specify voltage when ordering.

*Price includes allowance for omission of standard starter.

M36B

Starter – Three Phase

Full voltage control. **Price of the starter is included.**

Some modifications cannot be performed on UL, CSA, or UL/CSA Certified Grinders, Buffers, or Belt Sanders without voiding the Certification.

In such instances, the Certification Mark(s) would need to be removed.

Please contact your sales representative.

Grinder Wheel Size	Buffer Hp	Manual 208-230/460 Volts List Price	Magnetic 208-230 Volts List Price	Magnetic 460 Volts List Price
7"	N/A	581	922	850
8"	N/A	581	922	850
10"	3/4	581	922	850
12"	1	Standard Equipment	650*	597*
12"	2	Standard Equipment	650*	597*

Note: Specify voltage when ordering.

*Price includes allowance for omission of standard starter.

Motor Mod

ABB Mod

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Quick Ref Charts

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Starters continued...

M36C

Magnetic Starter – Three Phase

With Low Voltage Control.

Price of the starter is included.

TWO DAYS

Grinder Wheel Size	Buffer Hp	Magnetic With 110 Volt Control Circuit Transformer	
		208-230 Volts	460 Volts
		List Price	List Price
7"	N/A	2071	2291
8"	N/A	2071	2291
10"	3/4	2071	2291
12"	1	2032*	2074*
12"	2	2032*	2074*
14"	5	2032*	2074*
14"	7-1/2	2032*	2074*

Note: Specify voltage when ordering.
*Price includes allowance for omission of standard starter.

M36D

Overload Protection for Dust Control Unit

Price of the starter is included.

TWO DAYS

NEMA Frame	List Price
All	619

Note: Must be used with magnetic control. Contact your sales representative for details.

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Shaft Grounding

A shaft ground may be specified by many HVAC, pump and conveyor manufacturers to mitigate the effects of Adjustable Speed Drive circulating currents and prolong bearing life. Shaft grounding is available as an option on Baldor-Reliance custom motors or can be installed on a stock motor in Motor Mod Express®. On applications where washdown or debris may be present, mounting the ground internally on the motor (as custom) may be required.

NOTE: A shaft ground is a sparking device not suited for explosion-proof Division 1 or 2 applications, even when mounted internally.

ABB offers three main types of shaft grounding devices:

- **M39A - Shaft Grounding Systems**
- **M39B - Shaft Grounding Rings**
- **M39C - Shaft Grounding Brush**

M39A

Shaft Grounding Systems

The SGS™ (Shaft Grounding Systems) design is a robust, enclosed unit designed for harsh environments.

Mounts to the opposite drive end of the motor on TEFC, TENV, TEBC and ODP motors.

Does Not Apply to Explosion-Proof or Division 2 Motors



THREE
DAYS

NEMA Frame	List Price
56 - 449T	1231

M39B-1

AEGIS® Bearing Protection Ring

NEMA Frame	Shaft Diameter	External List Price	Internal List Price
56	0.625	221	663
140T, 180	0.875	232	696
180T, 210	1.125	244	732
210T, 250U	1.375	258	774
250T, 280U	1.625	322	966
280T, 320U, 320TS, 360TS	1.875	343 (1)	1,029
320T, 360U, 400TS	2.125	379 (1)	1,137
360T, 400U, 440TS	2.375	456 (1)	1,368
400T, 440U	2.875	643 (1)	1,929
440T	3.375	766 (1)	2,298

(1) Motors over 100 Hp / 75 kW require an additional modification to add an insulated bearing on the opposite drive end. Reference Mod M2F to add for one insulated bearing on the ODE of the motor.

Note: For this modification, the AEGIS Bearing Protection Ring mounts to the drive end of the motor.

TWO
DAYS

Motor Mod Express®

Modification
Number

Motor Mod Express®
Description and List Price

Working Days
Required

Shaft Grounding continued...

M39C

Baldor-Reliance® Shaft Grounding Brush Assembly

TWO
DAYS

Add external or internal shaft grounding brush to motor endplate.

Brush contacts motor shaft diameter.

Does Not Apply to Explosion-Proof Motors

NEMA Frame	External List Price	Internal List Price
48, 56	221	663
140	232	696
180	244	732
210	258	774
250	272	816
280	291 (1)	873 (1)
320	318 (1)	954 (1)
360	350 (1)	1050 (1)
400	386 (1)	1158 (1)
440	431 (1)	1293 (1)
5008 - 5810	1306 (1)	



(1) Motors over 100 Hp / 75 kW require an additional modification to add an insulated bearing on the opposite drive end. Reference Mod M2F to add for one insulated bearing on the ODE of the motor.

M39D

Add AEGIS® Colloidal Silver Shaft Coating to Shaft

TWO
DAYS

Add a coating of AEGIS colloidal silver to shaft of motor to enhance the conductivity of the surface.

List price: \$350

Motor Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

Check Total Indicated Runout (TIR)

M40A	Check Total Indicated Runout (TIR) Check C-face and shaft run out. If applicable check foot flatness. List price: \$123	TWO DAYS

ABB Ability™

M43A	Install ABB Ability™ Smart Sensor for Motors Pricing includes the installation of a Smart Sensor to NEMA 140 - 440 Cast Iron frames. All sensors mounted through the mod shop come with a 2 year web subscription. Specify between F1, F2 or F3 mounting orientation. List per motor: \$774 Note: Choosing F3 position may require lifting provisions to be omitted.	CONTACT YOUR LOCAL SALES OFFICE

Motor Mod

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ABB Mod Express®

Modification Number	Motor Mod Express®	Page No.
VC002	Replace/Add Customer Motor Nameplate	340
VC005	Add Drip Cover	340
VC008	Add IEC B14 C-Face	340
VC009	Add IEC B5 D-Flange	341
VC066	Convert Motor for other than Horizontal Mounting	341
VC096	Fulfilling Marine Duty LR, without Certificate	341
VC122	Bimetal Detectors 150° C	342
VC135	Additional Stainless Motor Nameplate	342
VC148	Routine Test Report.	342
VC161	Additional Loose Motor Nameplate	343
VC163	Add Adjustable Speed Motor Nameplate	343
VC186	Fulfilling Marine Duty DNV, without Certificate	343
VC450	Add 100-120V Space Heater	344
VC451	Add 200-240V Space Heater	344
VC502	Pt100 3-wire in stator winding, 1 per phase.	345
VC675	Fulfilling Marine Duty ABS, without certificate	345
VCM13E	Remove Mounting Feet	345

ABB Mod Express®

Ordering information

Note: Motors made for sale in the U.S. by ABB must comply with the Integral Motor Horsepower Rule including those modified from stock. After any modification, the motor must comply with the Integral Motor Horsepower Rule or the applicable regulations such as Natural Resources Canada if used in that country.

Note that 50 Hz efficiency levels may not be the same level when operated at 60 Hz. Changing the voltage may also change the IE class.

To order, specify the catalog number of the stock product and the MOD variant code number. Use the motor discount for the motor. All modifications should be priced using the modification list price, applying the appropriate multiplier symbol for the motor. **Lead times indicated are subject to availability of stock motors in the Fort Smith warehouse.** Customer will absorb all freight costs when motor is shipped to Fort Smith for modification from field warehouses.

Note:

Some modifications do not apply to explosion-proof or hazardous duty motors.

Modifications for process performance aluminum and cast iron, M3AA/M3BP.

Contact your local sales office for approval

MOD Express Cancellation Policy

Should it be necessary to cancel an order for a motor after it is modified, but before it ships – a cancellation charge of double the modification charge will be invoiced to the customer. Any MOD order cancelled before modification is completed is subject to 25% cancellation charge.

Once shipped, modified motors returned at purchaser's expense will be invoiced at double the MOD fee plus 10% restock fee.

Note

All lead times indicated are subject to availability of stock motors and parts in the Fort Smith warehouse. Please check stock availability before quoting lead time.

Some conversions may not be allowed if they result in a change of operating parameters that affect efficiency or change the EISA or NRCAN classification of compliant motors.

Modification prices do not include the cost of the motor, speed reducer, etc.

NEW modifications are indicated with **RED** titles.

ABB Mod Express®

Modification Motor Mod Express®
Number Description and List Price

Working Days
Required

VC002 Replace/Add Customer Motor Nameplate

TWO DAYS

Restamp voltage, frequency and output, continuous duty.
Rating data according to quotation and engineering approval.
Rerate must be compliant with pertinent MEPS requirements.
You will be required to provide end destination country.
MotSize data sheet is required.

List per motor: \$160

VC005 Add drip cover

TWO DAYS

Add metal drip cover to motor for vertical mounting.
Requires VC066.
Not for ATEX or hazardous duty motors.

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63	N/A	N/A
71 - 80	178	145
90 - 100	129	145
112 - 132	129	145
160	236	264
180	271	303
200	287	321
225	386	432
250	480	538
280	N/A	612

VC008 Add IEC B14 C-Face

TWO DAYS

Add IEC B14 C-face to B3 base mounted motor
(Convert to B34).
Not for ATEX or hazardous duty motors.

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63	215	N/A
71 - 80	203	130
90 - 100	157	188
112 - 132	176	188
160	541	N/A
180	N/A	N/A
200	N/A	N/A
225	N/A	N/A
250	N/A	N/A
280	N/A	N/A

ABB Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

VC009

Add IEC B5 D-Flange

TWO DAYS

Add IEC B5 D-flange to B3 base mounted motor
(Convert to B35).

Not for ATEX or hazardous duty motors.

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63	215	N/A
71 – 80	165	130
90 – 100	157	130
112 – 132	176	188
160	338	492
180	472	527
200	640	716
225	710	795
250	777	870
280	N/A	896

VC066

Convert motor for other than horizontal mounting

TWO DAYS

Adjust placement of weep holes if motor is used as
other than horizontally mounted in normal plane

Not for ATEX or hazardous duty motors.

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63 - 250	66	66

VC096

Fulfilling Marine Duty LR, without certificate (non-essential service only)

TWO DAYS

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63	83	N/A
71 – 80	83	87 *
90 - 100	83	87 *
112 – 132	83	87 *
160 - 180	168	171
200 - 250	236	246
280	N/A	580

* Pricing for IE2 motor only; Variant is not available for IE3 motors.

ABB Mod Express®

Modification Motor Mod Express®
Number Description and List Price

Working Days
Required

VC122

Bimetal Detectors 150° C

FIVE DAYS

Install normally-closed winding thermostats (3 in series)

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63	N/A	N/A
71 - 80	202	N/A
90 - 100	230	N/A
112 - 132	241	N/A
160 - 180	N/A	N/A
200 - 250	N/A	N/A
280	N/A	N/A

VC135

Additional Stainless Motor Nameplate

TWO DAYS

Add customer part number, PO, job number, etc.

Not to be used for electrical ratings.

List per motor: \$160

VC148

Routine Test Report

SEVEN DAYS

Supply copies of test report for specific motor on order.

Three phase motors will have the following motor characteristics measured.

Test data will be supplied.

All data will be taken on cold motor.

1. Visual inspection.
2. Terminal markings and direction of rotation.
3. Resistance measurement at ambient temperature.
4. No load test (speed and current).
5. Locked rotor test (torque and current).
6. Withstand voltage test (hipot).
7. Insulation resistance measurement (meg ohm).

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63	221	N/A
71 - 80	221	290
90 - 100	236	290
112 - 132	287	320
160 - 180	314	417
200 - 250	404	453
280	N/A	462

ABB Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

VC161	Additional Loose Motor Nameplate Add customer part number, PO, job number, etc. Not to be used for electrical ratings.	TWO DAYS

List per motor: \$160

VC163	Add Adjustable Speed Motor Nameplate Add adjustable speed nameplate. Rating data according to quotation and engineering approval. Rating must be compliant with with pertinent MEPS requirements. You will be required to provide end destination country. DriveSize data sheet is required.	TWO DAYS

List per motor: \$160

VC186	Fulfilling Marine Duty DNV, without certificate (non-essential service only)	TWO DAYS

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63	83	N/A
71 – 80	83	87 *
90 - 100	83	87 *
112 – 132	83	87 *
160 - 180	153	171
200 - 250	220	246

* Pricing for IE2 motor only; Variant is not available for IE3 motors.

ABB Mod Express®

Modification Motor Mod Express®
Number Description and List Price

Working Days
Required

VC450 Add 100-120V Space Heater

FIVE DAYS

Standard space heater is 120V.

Not for ATEX or hazardous duty motors.

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63	393	N/A
71 – 80	393	320
90 – 100	393	320
112 – 132	393	363
160	523	585
180	576	646
200	643	721
225	736	824
250	886	991
280	N/A	N/A

Crusher Duty Motors Only

NEMA Frame Size	ABB Crusher Duty List Price
586-588	912

VC451 Add 200-240V Space Heater

FIVE DAYS

Standard space heater is 240V.

Not for ATEX or hazardous duty motors.

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63	393	N/A
71 – 80	393	320
90 – 100	393	320
112 – 132	393	363
160	523	585
180	576	646
200	643	721
225	736	824
250	886	991
280	N/A	N/A

Crusher Duty Motors Only

NEMA Frame Size	ABB Crusher Duty List Price
586-588	912

ABB Mod Express®

Modification Number	Motor Mod Express® Description and List Price	Working Days Required

VC502 Pt100 3-wire in stator winding, 1 per phase

FIVE DAYS

Crusher Duty Motors Only

Not for ATEX or hazardous duty motors.

NEMA Frame Size	ABB Crusher Duty List Price
586-588	1487

VC675 Fulfilling Marine Duty ABS, without certificate (non-essential service only)

TWO DAYS

IEC Frame Size	Aluminum List Price	Cast Iron List Price
80-132	83*	87*
160-180	168	143
200-225	236	246
280	N/A	580

* Pricing for IE2 motor only; Variant is not available for IE3 motors.

VCM13E Remove mounting feet from aluminum motors only (To be used with VC008 or VC009.)

TWO DAYS

IEC Frame Size	Aluminum List Price	Cast Iron List Price
63-132	N/A	N/A
160-180	163	N/A
200-250	217	N/A

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3GGP072450-ASLUS01	215	831	IHA	33	-
3GGP082440-ASKUS02	215	922	IHA	44	-
3GGP082470-ASKUS02	215	989	IHA	49	-
3GGP092530-ADKUS02	215	1,120	IHA	73	-
3GGP092530-ASKUS02	215	1,120	IHA	73	-
3GGP092540-ADKUS02	215	1,256	IHA	75	-
3GGP092540-ASKUS02	215	1,256	IHA	75	-
3GGP102810-ADKUS02	215	1,454	IHA	108	-
3GGP102810-ASKUS02	215	1,454	IHA	108	-
3GGP102820-ADKUS02	215	1,722	IHA	108	-
3GGP102820-ASKUS02	215	1,722	IHA	108	-
3GGP112370-ADKUS02	215	1,971	IHA	115	-
3GGP112370-ASKUS02	215	1,971	IHA	115	-
3GGP132260-ADKUS02	215	2,376	IHA	179	-
3GGP132260-ASKUS02	215	2,376	IHA	179	-
3GGP132270-ADKUS02	215	2,775	IHA	179	-
3GGP132270-ASKUS02	215	2,775	IHA	179	-
3GGP162410-ADKUS02	215	3,440	IHA	414	-
3GGP162420-ADKUS02	215	4,300	IHA	414	-
3GGP182410-ADKUS02	215	4,937	IHA	518	-
3GGP182420-ADKUS02	215	5,989	IHA	518	-
3GGP202410-ADKUS02	215	7,518	IHA	703	-
3GGP222210-ADKUS02	215	9,047	IHA	877	-
3GGP222220-ADKUS02	215	10,862	IHA	877	-
3GGP252210-ADKUS02	215	12,997	IHA	1,049	-
3GGP282220-ADKUS03	215	17,711	IHA	1,466	-
3GGP282230-ADKUS04	215	20,610	IHA	1,598	-
3GKP082440-ADKUS04	216	1,740	IHA	88	-
3GKP082440-ASKUS04	216	1,740	IHA	88	-
3GKP082470-ADKUS04	216	1,819	IHA	90	-
3GKP082470-ASKUS04	216	1,819	IHA	90	-
3GKP092030-ADKUS04	216	2,029	IHA	115	-
3GKP092030-ASKUS04	216	2,029	IHA	115	-
3GKP092540-ADKUS04	216	2,230	IHA	117	-
3GKP092540-ASKUS04	216	2,230	IHA	117	-
3GKP102810-ADKUS04	216	2,592	IHA	154	-
3GKP102810-ASKUS04	216	2,592	IHA	154	-
3GKP102820-ADKUS04	216	2,948	IHA	154	-
3GKP102820-ASKUS04	216	2,948	IHA	154	-
3GKP112370-ADKUS04	216	3,407	IHA	157	-
3GKP112370-ASKUS04	216	3,407	IHA	157	-
3GKP132260-ADKUS04	216	4,077	IHA	243	-
3GKP132260-ASKUS04	216	4,077	IHA	243	-
3GKP132270-ADKUS04	216	4,837	IHA	243	-
3GKP132270-ASKUS04	216	4,837	IHA	243	-
3GKP162410-ADKUS04	216	5,957	IHA	516	-
3GKP162420-ADKUS04	216	7,422	IHA	558	-
3GKP182410-ADKUS04	216	9,238	IHA	628	-
3GKP182420-ADKUS04	216	10,257	IHA	639	-
3GKP202410-ADKUS04	216	12,806	IHA	750	-
3GKP222210-ADKUS04	216	15,609	IHA	869	-
3GKP222220-ADKUS04	216	17,743	IHA	950	-
3GKP252210-ADKUS04	216	21,757	IHA	974	-
3GKP282220-ADKUS04	216	29,943	IHA	1,475	-
3GKP282230-ADKUS05	216	33,766	IHA	1,607	-
3GZF101050-271	279	5,780	SVC	10	-
3GZF293730-11	279	136	SVC	14	-
09-1309	277	394	SVC	21	-
09-1309GLD	276	394	SVC	22	-
09-1309XT	276	394	SVC	22	-
09-1310	277	596	SVC	28	-
09-1310GLD	276	596	SVC	22	-
09-9154CR	277	437	SVC	22	-
09CB5001A01SP	279	82	SVC	2	-
09CB5001A01SP-GLD	279	82	SVC	2	-
09CB5001A15SP	279	69	SVC	2	-
09CB5001A15SP-GLD	279	69	SVC	2	-
10-1304	277	483	SVC	32	-
10-1304GLD	276	483	SVC	32	-
10-1305	277	457	SVC	33	-
10-1305ECP8	277	894	SVC	32	-
10-1305GLD	276	457	SVC	32	-
10-1305XT	276	457	SVC	32	-
10CB5001A01SP	279	119	SVC	3	-
10CB5001A01SP-GLD	279	119	SVC	3	-
10CB5002A01SP	279	132	SVC	3	-
10CB5002A01SP-GLD	279	132	SVC	3	-
10EP1502A01SP	280	581	SVC	39	-
12-1105	277	563	SVC	25	-
12-1105ECP8	277	1,124	SVC	48	-
12-1105GLD	276	563	SVC	48	-
12-1105XT	276	563	SVC	48	-
12-9404CR	277	657	SVC	48	-
12EP1501A03SP	280	1,003	SVC	61	-
33CB5000A01SP	279	40	SVC	1	-
34-171	276	60	SVC	2	-
34-3300FD	276	69	SVC	2	-

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34-3900T	276	60	SVC	1	-
34-3903A	277	73	SVC	2	-
34-3903A-GLD	277	73	SVC	2	-
34-3903T	276	76	SVC	2	-
34-3903T-GLD	276	76	SVC	2	-
34CB5001A01SP	279	39	SVC	1	-
34CB5001A01SP-GLD	279	39	SVC	1	-
35-1300	276	120	SVC	6	-
35-1300GLD	276	120	SVC	6	-
35-1325	276	154	SVC	11	-
35-1325GLD	276	154	SVC	11	-
35-1409	277	172	SVC	11	-
35-1409GLD	277	172	SVC	11	-
35-3300FD	276	138	SVC	6	-
35-3304	276	85	SVC	4	-
35-8762	276	85	SVC	3	-
35-8762GLD	276	85	SVC	3	-
35-8764	277	77	SVC	3	-
35-8764GLD	277	77	SVC	3	-
35CB5001A01SP	279	42	SVC	1	-
35CB5001A01SP-GLD	279	42	SVC	1	-
35CB5016WWSP	279	35	SVC	2	-
35EP1506A01SP	280	245	SVC	8	-
36-486	277	194	SVC	8	-
36-486GLD	277	194	SVC	8	-
36-1037	276	137	SVC	7	-
36-1037GLD	276	137	SVC	7	-
36-1206A	277	176	SVC	13	-
36-1206A-GLD	277	176	SVC	13	-
36-1206B	277	186	SVC	14	-
36-1206B-GLD	277	186	SVC	14	-
36-1749	276	173	SVC	12	-
36-1749GLD	276	173	SVC	12	-
36-3301	276	99	SVC	5	-
36-3301FD	276	198	SVC	7	-
36-3301FDA	276	198	SVC	6	-
36-3301GLD	276	99	SVC	5	-
36-3303FD	276	158	SVC	8	-
36-3303FDA	276	158	SVC	8	-
36-3403	277	116	SVC	5	-
36-3403GLD	277	116	SVC	5	-
36CB5001A01SP	279	45	SVC	1	-
36CB5001A01SP-GLD	279	45	SVC	1	-
36CB5001A06SP	279	50	SVC	2	-
36CB5001A06SP-GLD	279	50	SVC	2	-
36CB5001A07SP	279	70	SVC	2	-
36CB5016WWSP	279	57	SVC	2	-
36EP1304A62SP	280	275	SVC	15	-
37-1302	276	292	SVC	18	-
37-1302GLD	276	292	SVC	18	-
37-1304	276	192	SVC	12	-
37-1304GLD	276	192	SVC	12	-
37-1402	277	274	SVC	18	-
37-1402GLD	277	274	SVC	18	-
37-1404	277	254	SVC	14	-
37-1404GLD	277	254	SVC	14	-
37-3301FD	276	221	SVC	12	-
37CB5002A06SP	279	50	SVC	2	-
37CB5002A06SP-GLD	279	50	SVC	2	-
37CB5002A07SP	279	50	SVC	4	-
37CB5002A07SP-GLD	279	50	SVC	4	-
37CB5016WWSP	279	40	SVC	1	-
39-1403	277	411	SVC	21	-
39-1403GLD	277	411	SVC	21	-
39-3400	277	256	SVC	9	-
39CB5016WWSP	279	247	SVC	5	-
40-1400	277	417	SVC	28	-
40-1400GLD	277	417	SVC	30	-
40-1401	277	469	SVC	40	-
40-1401GLD	277	469	SVC	40	-
42-1300	277	750	SVC	36	-
42-1300GLD	277	750	SVC	36	-
42-1400	277	730	SVC	44	-
42-1400GLD	277	730	SVC	30	-
44-1402	276	1,086	SVC	40	-
44-1402GLD	276	1,086	SVC	40	-
44-1403	276	1,086	SVC	40	-
44-1403A	277	844	SVC	40	-
44-1403A-GLD	277	844	SVC	40	-
44-1403GLD	276	1,086	SVC	40	-
105W	294	1,536	GBX	133	3528M
129W	295	3,626	GBX	256	3628M
133-6FbA	283	69	SVC	1	-
180-5002	278	903	SVC	21	-
210-5001	278	1,193	SVC	45	-
248-151AS	297	2,816	GBX	105	-
248-151TD	297	2,220	GBX	95	-

(1) Shipping weight (lbs.) is approximate.

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248-153TD	297	2,095	GBX	84	3516M
248-181TD	297	2,560	GBX	138	3535LC
248-183TD	297	2,512	GBX	128	3535M
250-5001	278	1,668	SVC	60	-
280-5002	278	2,343	SVC	80	-
320-5002	278	3,080	SVC	1	-
330B	297	852	GBX	56	3524M
332B	297	872	GBX	55	3524C
333B	297	872	GBX	56	3524C
334B	297	852	GBX	54	3524M
340	302	519	GBX	31	-
342	302	519	GBX	31	-
353T	302	569	GBX	35	3520Q
359T	302	570	GBX	36	3520S
380T	302	633	GBX	42	3528L
380WCT	302	1,457	GBX	47	3528L
407B	297	1,157	GBX	60	3528C
409B	297	1,111	GBX	59	3528M
410B	297	1,138	GBX	61	3528C
412B	297	1,111	GBX	62	3528M
500	296	1,660	GBX	109	-
510	296	1,660	GBX	109	-
522	296	1,867	GBX	108	-
532	296	1,867	GBX	109	-
712	293	637	GBX	45	-
712E	293	745	GBX	68	3420C
712R	298	637	GBX	45	3420C
712RE	298	763	GBX	68	3420C
762	293	637	GBX	43	-
762E	293	745	GBX	68	3420C
762R	298	637	GBX	43	3420C
762RE	298	763	GBX	66	3420C
812RE	298	1,155	GBX	96	3524C
862RE	298	1,155	GBX	95	3524L
1021W	294	1,536	GBX	134	3528M
1021WD	294	1,759	GBX	146	3528M
1022W	294	1,558	GBX	133	3528C
1022WD	294	1,784	GBX	145	3528C
1215W	295	3,503	GBX	253	3628M
1216W	295	3,626	GBX	248	3628M
1217W	295	3,709	GBX	253	3634L
1250	297	2,679	GBX	164	-
1251	297	2,603	GBX	160	-
1252	297	2,460	GBX	156	-
1253	297	2,390	GBX	156	-
1406W	295	4,493	GBX	359	3736M
1407W	295	4,901	GBX	372	3744M
1408W	295	4,493	GBX	358	3735M
1409W	295	4,901	GBX	374	3740M
1410W	295	4,493	GBX	362	3736M
1411W	295	4,901	GBX	381	3740M
1453	297	3,232	GBX	223	-
1454	297	3,415	GBX	229	-
1457	297	3,592	GBX	228	-
1458	297	3,058	GBX	218	-
2048-151D	297	2,006	GBX	88	3528L
2048-153D	297	1,912	GBX	76	3516M
7306	293	807	GBX	70	-
7306D	293	1,015	GBX	84	3420C
7307	293	807	GBX	70	-
7307D	293	1,015	GBX	84	3420C
7308	293	807	GBX	71	-
7309	293	807	GBX	72	-
7309D	293	1,015	GBX	87	3420M
7312D	293	1,228	GBX	90	3428LC
7351	293	807	GBX	67	-
8100W	294	1,222	GBX	99	3524C
8100WD	294	1,394	GBX	110	3524C
8102W	294	1,183	GBX	98	3524M
8102WD	294	1,372	GBX	111	3524M
8107W	294	1,222	GBX	99	3524L
8107WD	294	1,394	GBX	111	3524C
8123W	294	1,183	GBX	99	3524M
8123WD	294	1,372	GBX	112	3524M
8125W	294	1,183	GBX	99	3524M
8250W	294	1,222	GBX	97	3524C
8252W	294	1,183	GBX	95	3524M
14009-1	266	1,460	SVC	2	-
42384-26BE	262	340	SVC	30	-
42384-26BF	262	319	SVC	15	-
42384-26BH	262	340	SVC	1	-
42384-26D	262	340	SVC	1	-
413336-1R	261	1,689	SVC	20	-
413336-2R	261	1,689	SVC	5	-
417077-51	262	1,491	SVC	34	-
417077-57	238, 262	911	SVC	2	-
417077-58	262	911	SVC	4	-
417077-59	238, 262	911	SVC	4	-
417077-65	262	1,165	SVC	7	-
417077-74	262	2,123	SVC	80	-
417077-75	262	2,324	SVC	85	-
417077-102	238, 262	1,165	SVC	6	-
417077-124	238, 262	1,893	SVC	17	-
417077-126	262	4,738	SVC	225	-
417077-127	262	2,123	SVC	117	-
417077-130	238	695	SVC	64	-
417077-131	238	875	SVC	90	-
417077-133	235	1,442	SVC	4	-
417077-136	235	1,442	SVC	4	-
417077-141	239	1,142	SVC	6	-
417077-143	239	897	SVC	5	-
417077-144	239	897	SVC	72	-
417077-145	239	1,753	SVC	82	-
417077-151	235	2,060	SVC	12	-
417077-153	235	1,598	SVC	9	-
417077-156	235	2,367	SVC	14	-
417077-165	235	1,442	SVC	14	-
417077-167	235	1,598	SVC	20	-
417077-168	235	2,367	SVC	10	-
417077-170	235	1,442	SVC	10	-
417077-173	235	2,150	SVC	10	-
417077-182	235	2,150	SVC	10	-
417077-183	235	2,150	SVC	15	-
417077-184	238	836	SVC	10	-
417077-185	238	1,188	SVC	10	-
417077-186	238	836	SVC	10	-
417077-187	238	870	SVC	10	-
417077-188	235	1,442	SVC	10	-
417077-189	235	1,442	SVC	10	-
417077-191	235	2,060	SVC	10	-
417077-192	235	2,367	SVC	10	-
417077-201	238	1,730	SVC	120	-
417077-202	238	875	SVC	122	-
417077-205	235	2,150	SVC	20	-
417077-206	235	2,367	SVC	5	-
417077-208TL	235	1,442	SVC	5	-
417077-212TL	235	1,442	SVC	6	-
417077-213TL	235	1,442	SVC	6	-
417077-242TL	235	1,442	SVC	6	-
417077-244	235	1,442	SVC	4	-
417077-245	235	2,250	SVC	9	-
417077-246	235	2,150	SVC	10	-
417077-300	235	2,595	SVC	5	-
417077-301	235	3,420	SVC	13	-
417077-302	235	3,420	SVC	15	-
417077-303	235	3,420	SVC	15	-
417077-304	235	3,420	SVC	15	-
417077-305	235	3,220	SVC	5	-
417708-21	261	1,689	SVC	7	-
417708-22	261	1,689	SVC	9	-
417708-26	261	1,689	SVC	7	-
417708-27	261	1,689	SVC	9	-
417708-30	261	3,164	SVC	15	-
417708-32	261	3,164	SVC	5	-
417708-33	261	3,164	SVC	5	-
417708-34	261	3,764	SVC	5	-
417708-36	261	3,764	SVC	5	-
417708-37	261	3,764	SVC	5	-
417708-41	261	1,091	SVC	2	-
417708-42	261	1,091	SVC	1	-
417708-85	235	1,598	SVC	5	-
417708-87	235	2,060	SVC	6	-
417708-120	235	2,060	SVC	23	-
417708-126	261	5,128	SVC	6	-
417708-133	261	4,036	SVC	9	-
417708-134	261	4,036	SVC	5	-
417708-135	261	4,036	SVC	5	-
417708-136	261	5,128	SVC	6	-
417708-137	261	5,128	SVC	6	-
417708-151	261	4,036	SVC	5	-
417708-156	261	1,689	SVC	5	-
417708-184	236	687	SVC	3	-
417708-185	236	796	SVC	11	-
417708-186	236	801	SVC	13	-
417708-187	236	882	SVC	13	-
417708-188	236	868	SVC	13	-
417708-189	236	594	SVC	3	-
417708-201	236	340	SVC	2	-
417708-202	236	340	SVC	1	-
417708-203	236	340	SVC	1	-
417709-17	261	4,245	SVC	6	-
417709-65	261	4,245	SVC	6	-
417709-66	261	4,245	SVC	9	-
417709-67	261	4,245	SVC	15	-

(1) Shipping weight (lbs.) is approximate.

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418057-501	239	2,766	SVC	1	-
418057-645	239	985	SVC	5	-
418057-764	239	1,663	SVC	2	-
418057-786	239	972	SVC	2	-
419914-1A	262	340	SVC	50	-
419914-1B	262	634	SVC	33	-
419914-1C	262	1,223	SVC	37	-
419914-1D	262	1,606	SVC	69	-
419914-1E	262	2,166	SVC	76	-
419914-1R	262	1,223	SVC	59	-
419914-1S	262	634	SVC	36	-
419914-1T	262	1,223	SVC	40	-
419914-1U	262	1,223	SVC	42	-
419914-1W	262	1,606	SVC	76	-
419914-9A	237	469	SVC	13	-
419914-9B	237	469	SVC	14	-
419914-9C	237	469	SVC	15	-
419914-9D	237	469	SVC	17	-
419914-10A	237	469	SVC	30	-
419914-10B	237	469	SVC	27	-
419914-10D	237	547	SVC	48	-
419914-10G	237	547	SVC	67	-
419914-10K	237	1,006	SVC	80	-
419914-10L	237	547	SVC	52	-
419914-10M	237	547	SVC	48	-
419914-10N	237	1,525	SVC	38	-
419914-10P	237	1,485	SVC	50	-
419914-10R	237	1,006	SVC	42	-
419914-10S	237	1,006	SVC	90	-
419914-11F	237	2,476	SVC	132	-
419914-11G	237	2,476	SVC	141	-
419914-11H	237	4,672	SVC	140	-
419914-11J	237	4,672	SVC	150	-
419914-11K	237	4,672	SVC	160	-
419914-11L	237	4,672	SVC	165	-
419914-11M	237	1,300	SVC	110	-
419914-11N	237	1,300	SVC	124	-
419914-11P	237	1,110	SVC	108	-
419914-11R	237	1,110	SVC	130	-
419947-29	262	1,491	SVC	82	-
419947-30	262	1,491	SVC	85	-
419947-32	262	1,823	SVC	84	-
419947-34	262	2,123	SVC	90	-
419947-40	239	1,747	SVC	10	-
419947-41	239	2,123	SVC	110	-
419947-42	239	2,324	SVC	92	-
419947-43	239	1,944	SVC	100	-
802386201R	151	1,225	SCG	1	-
802386201T	151	1,975	SCG	1	-
802386201V	151	3,160	SCG	1	-
802386203R	151	880	SCG	1	-
802386203T	151	2,358	SCG	50	-
802386203V	151	1,975	SCG	1	-
802386204R	151	1,325	SCG	1	-
802386204T	151	2,150	SCG	1	-
802386204V	151	3,425	SCG	1	-
A65	301	31	SVC	1	-
A82	301	38	SVC	1	-
A103	301	57	SVC	1	-
AB248	300	32	SVC	1	-
AEM2237-4	193	3,322	DPL	270	0932M
AEM2238-4	193	4,017	DPL	270	0932M
AEM2233-4	193	5,581	DPL	268	0944M
AEM2234-4	193	6,728	DPL	420	1046M
AEM3683-4	193	1,433	DPL	89	0620M
AEM3686-4	193	1,539	DPL	91	0626M
AEM3689-4	193	1,639	DPL	91	0626M
AEM3783-4	193	1,891	DPL	155	0728M
AEM3787-4	193	2,476	DPL	166	0728M
AEM4103-4	193	8,576	DPL	437	1056M
AEM4104-4	193	9,689	DPL	469	1250M
AEM4307-4	193	11,513	DPL	874	A36050M
AEM4311-4	193	13,865	DPL	915	A36062M
AEM4314-4	193	16,941	DPL	1,326	A40064M
AFL3504A	184	380	FD1	32	3424LC
AFL3510A	184	550	FD1	47	3528LC
AFL3520A	184	399	FD1	29	3420L
AFL3521A	184	470	FD1	39	3524L
AFL3522A	184	651	FD1	43	3528L
AFL3523A	184	795	FD1	51	3535L
AFL3524A	184	829	FD1	52	3535LC
AFL3525A	184	608	FD1	42	3528L
AFM3528	184	404	FD3	24	3413M
AFM3529	184	439	FD3	22	3416M
AFM3530	184	507	FD3	30	3424M
AFM3532	184	672	FD3	45	3528M
ANFL3501M	183	549	FD1	24	3414L
ANFL3504M	183	616	FD1	28	3421L

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ANFL3507M	183	718	FD1	34	3428LC
ANFL3510M	183	886	FD1	41	3524L
ANFL3514M	183	1,315	FD1	49	3532LC
AOM3454	169	337	HV3	18	3410M
AOM3455	169	529	HV3	19	3411M
AOM3458	169	376	HV3	18	3410M
AOM3535	169	557	HV3	22	3414M
AOM3538	169	442	HV3	25	3413M
AOM3539	169	600	HV3	24	3418M
AOM3542	169	476	HV3	23	3416M
AOM3543	169	617	HV3	31	3428M
AOM3546T	169	495	HV3	33	3428M
AOM3554T	169	515	HV3	34	3520M
AOM3556T	169	626	HV3	35	3520M
AOM3558T	169	546	HV3	38	3524M
AOM3607T	169	716	HV3	50	3618M
AOM3611T	169	640	HV3	59	3622M
AOM3614T	169	768	HV3	63	3628M
AOM3615T	169	740	HV3	71	3634M
AOM3617T	169	1,212	HV3	62	3622M
AOM3702T	169	1,839	HV3	97	3724M
AOM3704T	169	962	HV3	92	3720M
AOM3705T	169	2,010	HV3	113	3744M
AOM3708T	169	1,377	HV3	115	3732M
AOM3710T	169	949	HV3	106	3728M
AOM3714T	169	1,150	HV3	126	3740M
AOM25904T	169	3,194	HV3	208	3936M
ARB-1	299	152	SVC	1	-
ARB-2	299	231	SVC	2	-
B48T	283, 284	107	SVC	3	-
B56T	283, 284	107	SVC	5	-
B66	301	44	SVC	2	-
B67	301	44	SVC	2	-
B73	301	60	SVC	4	-
B74	301	60	SVC	3	-
B80	301	71	SVC	5	-
B81	301	71	SVC	4	-
B102	301	105	SVC	8	-
B103	301	105	SVC	6	-
B125	295, 301	238	SVC	22	-
B126	295, 301	240	SVC	22	-
B143T	283, 284	137	SVC	6	-
B145T	283, 284	137	SVC	7	-
B147	295, 301	449	SVC	42	-
B148	295, 301	449	SVC	41	-
B182T	283, 284	145	SVC	10	-
B184T	283, 284	145	SVC	10	-
B213T	283, 284	168	SVC	14	-
B215T	283, 284	168	SVC	15	-
B254T	283, 284	276	SVC	21	-
B256T	283, 284	276	SVC	21	-
B284T	283, 284	314	SVC	24	-
B286T	283, 284	314	SVC	24	-
B324T	283, 284	485	SVC	34	-
B326T	283, 284	485	SVC	37	-
B364T	283, 284	604	SVC	48	-
B365T	283, 284	604	SVC	50	-
B404T	283, 284	898	SVC	62	-
B405T	283, 284	898	SVC	66	-
B444T	283, 284	1,097	SVC	70	-
B445T	283, 284	1,097	SVC	71	-
B447T	283, 284	1,293	SVC	93	-
B449T	283, 284	1,293	SVC	99	-
B5000RLS	283, 284	1,948	SVC	149	-
BC24-LF	269	75	PMS	1	-
BC138	269, 274	218	PMS	1	-
BC139	269, 274	218	PMS	1	-
BC140	269, 274	369	PMS	3	-
BC140-FBR	269, 274	510	PMS	3	-
BC141	270, 275	202	PMS	1	-
BC141-SIH	270	477	PMS	3	-
BC142	270, 275	202	PMS	2	-
BC142-5	270, 275	225	PMS	3	-
BC142-6	270, 275	224	PMS	1	-
BC142-6-SIH	270	499	PMS	1	-
BC142-SIH	270	499	PMS	3	-
BC143	269, 273	72	PMS	2	-
BC144	269	124	PMS	1	-
BC145	269, 272	211	PMS	1	-
BC147	269	30	PMS	1	-
BC148	269	13	PMS	1	-
BC149	269	15	PMS	1	-
BC152	269	193	PMS	1	-
BC153	272	223	PMS	1	-
BC154	272, 274	467	PMS	5	-
BC154-P	272	467	PMS	3	-
BC154-R	272	616	PMS	3	-
BC154-SI	272	751	PMS	3	-

(1) Shipping weight (lbs.) is approximate.

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BC155	270, 275	660	PMS	5	-
BC156	272	145	PMS	1	-
BC157	272	27	PMS	1	-
BC158	272	60	PMS	1	-
BC159	272	32	PMS	1	-
BC160	272, 274	537	PMS	3	-
BC200	270, 273, 275	704	PMS	4	-
BC201	270, 273, 275	836	PMS	6	-
BC203	270, 273, 275	1,052	PMS	10	-
BC204	270, 273, 275	377	PMS	3	-
BC204-BPSI	270, 273	487	PMS	3	-
BC212	273	216	PMS	1	-
BC215	273	100	PMS	3	-
BC216	273	77	PMS	1	-
BC218	269, 273	49	PMS	1	-
BC245	273	213	PMS	1	-
BC253	273	27	PMS	1	-
BC254	272, 273, 274	673	PMS	5	-
BC254-FBR	272, 273, 274	706	PMS	3	-
BC258	273	60	PMS	1	-
BC259	273	27	PMS	5	-
BC354	272, 274	723	PMS	5	-
BCWD140	272, 274	625	PMS	6	-
BEI HS35	236	340	SVC	-	-
BL3507	201	1,455	BE1	42	3428LC
BL3510	201	1,540	BE1	52	3524L
BL3516	199	940	BE1	27	3414L
BL3517	199	991	BE1	27	3414L
BL3518	199	1,075	BE1	32	3421L
BLWL05-L	248	814	SVC	7	-
BLWL06-L	248	917	SVC	8	-
BLWL07-L	248	1,750	SVC	21	-
BLWL09-L	248	1,825	SVC	28	-
BLWL10-L	248	1,850	SVC	35	-
BLWL12-L	248	1,850	SVC	46	-
BLWL14-L	248	1,850	SVC	55	-
BLWM07-F	248	1,160	SVC	20	-
BLWM09-F	248	1,160	SVC	30	-
BLWM10-F	248	1,160	SVC	25	-
BLWM12-F	248	1,260	SVC	46	-
BLWM14-F	248	1,260	SVC	55	-
BLWM16-F	248	1,704	SVC	70	-
BLWM18-F	248	2,387	SVC	166	-
BM3108	203	908	BO3	27	3416M
BM3112	203	1,057	BO3	31	3420M
BM3116	203	1,185	BO3	33	3424M
BM3538	199	993	BE3	31	3420M
BM3539	199	1,368	BE3	35	3418M
BM3542	199	1,162	BE3	31	3420M
BM3543	199	1,436	BE3	39	3428M
BM3569	199	914	BE3	27	3416M
BNM3538-D	197	954	UH3	43	3512M
BNM3542-D	197	1,297	UH3	47	3514M
BR0006	271	11	PMS	1	-
BR0010SP	271	11	PMS	1	-
BR0015SP	271	11	PMS	1	-
BR0025	271	11	PMS	1	-
BR0035	271	11	PMS	1	-
BR0050	271	11	PMS	1	-
BR0100	271	11	PMS	1	-
BR0101	271	11	PMS	1	-
BR0180	271	11	PMS	1	-
BR0250	271	11	PMS	1	-
BR0251	271	11	PMS	1	-
BR0350	271	24	PMS	1	-
BR0510	271	11	PMS	1	-
BR1000	271	11	PMS	1	-
C61	296	217	SVC	5	-
C121	296	217	SVC	3	-
CB1814T	285	115	SVC	2	-
CB2118T	285	162	SVC	2	-
CB2521T	285	186	SVC	6	-
CB2825T	285	251	SVC	7	-
CB3228T	285	346	SVC	9	-
CB3632T	285	426	SVC	12	-
CB4036T	285	584	SVC	20	-
CB5049T	64, 285	1,877	SDA	328	-
CB5744T	64	2,458	SDA	465	-
CB5850M	285	8,225	SVC	160	-
CB5850S	285	8,225	SVC	160	-
CB50549T	64	1,221	SDA	328	-
CBK003-1	204, 278	670	SVC	12	-
CBK006-1	204, 278	986	SVC	12	-
CBK006-2	204, 278	986	SVC	12	-
CBK010-1	204, 278	1,150	SVC	12	-
CBK015-1	204, 278	1,725	SVC	12	-
CBL015ZD-2	246	198	SVC	1	-

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CBL030ZD-2	246	230	SVC	1	-
CBL046ZD-2	246	263	SVC	2	-
CBL061ZD-2	246	291	SVC	2	-
CBL091ZD-2	246	355	SVC	3	-
CBL152ZD-2	246	477	SVC	6	-
CBL229ZD-2	246	632	SVC	8	-
CBL305ZD-2	246	787	SVC	8	-
CBL455ZD-2	246	1,023	SVC	15	-
CBL606ZD-2	246	1,407	SVC	16	-
CBLST2TL	246	400	SVC	2	-
CBLTL2ST	246	400	SVC	1	-
CBXM18342T	110	6,217	XPB	240	-
CBXM18542T	110	7,489	XPB	289	-
CBXMN14142T	110	4,881	XPB	99	-
CBXMN18242T	110	5,908	XPB	145	-
CBXMN050542	110	3,306	XPB	95	-
CBXMN050742	110	3,682	XPB	93	-
CCPX18326T	114	2,510	XSM	127	0618M
CCPX18346T	114	2,072	XSM	111	0632M
CCPX18526T	114	2,888	XSM	122	0640M
CCPX18546T	114	2,401	XSM	123	0642M
CCPX21126T	114	3,456	XSM	174	0730M
CCPX21146T	114	3,980	XSM	252	0750M
CCPX21366T	114	3,292	XSM	221	0736M
CCPX21726T	114	3,309	XSM	169	0726M
CCPX21746T	114	2,986	XSM	228	0738M
CCPX25166T	114	5,130	XSM	335	0960M
CCPX25226T	114	5,454	XSM	314	0950M
CCPX25246T	114	5,984	XSM	335	0960M
CCPX25766T	114	4,374	XSM	322	0954M
CCPX28266T	114	8,256	XSM	459	1056M
CCPX28326T	114	8,387	XSM	495	1046M
CCPX28346T	114	8,730	XSM	459	1056M
CCPX32366T	114	11,227	XSM	766	X1264M
CCPX32426T	114	10,395	XSM	745	1252M
CCPX32446T	114	11,570	XSM	720	X1254M
CCPX32526T	114	13,037	XSM	766	1264M
CCPX32546T	114	13,274	XSM	782	X1276M
CCPX36466T	114	13,038	XSM	908	A36062M
CCPX36566T	114	14,567	XSM	982	A3668M
CCPX36626T	114	14,849	XSM	999	A36056M
CCPX36646T	114	14,913	XSM	910	A36062M
CCPX36726T	114	15,437	XSM	1,005	A36068M
CCPX36746T	114	16,288	XSM	965	A36070M
CCPX40666T	114	18,384	XSM	1,322	A40064M
CCPX40766T	114	18,990	XSM	1,322	A40064M
CCPX251526T	114	4,160	XSM	270	0934M
CCPX251546T	114	4,765	XSM	302	0944M
CCPX281566T	114	8,063	XSM	438	1046M
CCPX282526T	114	7,033	XSM	525	1048M
CCPX282546T	114	7,309	XSM	447	1054M
CCPX322566T	114	10,267	XSM	741	X1260M
CD1803R	257	11,162	R3B	212	-
CD1805R	257	12,495	R3B	175	-
CD2003P-2	264	9,326	RSV	170	-
CD2003R-2	257	13,225	R3B	198	-
CD2005P-2	264	9,469	RSV	170	-
CD2005R-2	257	13,366	R3B	209	-
CD2007P-2	264	10,821	RSV	222	-
CD2007R-2	257	13,500	R3B	235	-
CD2010P-2	264	11,207	RSV	250	-
CD2015P-2	264	12,720	RSV	408	-
CD2015R-BV	259	18,632	R3B	345	-
CD2105R	257	15,856	R3B	355	-
CD3425	255	720	WFS	23	3413D
CD3433	255	787	WFS	24	3413D
CD3434	255	787	WFS	24	3413D
CD3450	255	895	WFS	29	3420D
CD3451	255	895	WFS	29	3420D
CD3475	255	1,113	WFS	34	3428D
CD3476	255	1,113	WFS	34	3428D
CD5318	255	1,571	WFS	54	3535D
CD5319	255	1,571	WFS	53	3535D
CD5333	255	1,135	WFS	31	3513D
CD5350	255	1,253	WFS	38	3520D
CD5375	255	1,475	WFS	45	3528D
CD6202	255	2,779	WFS	98	3646D
CD6203	255	3,156	WFS	135	3668D
CD6215	255	2,350	WFS	84	3636D
CD6218	255	2,099	WFS	65	3623D
CD6219	255	2,099	WFS	66	3623D
CD7502	255	4,877	WFS	105	3646D
CD7503	255	5,187	WFS	137	3668D
CDI1803R	257	11,484	R3B	160	-
CDM3537	60	630	SDD	26	3414M
CDM3538	60	655	SDD	29	3420M
CDM3539	60	850	SDD	30	3428M

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CDM3542	60	681	SDD	33	3428M
CDM3543	60	862	SDD	38	3518M
CDMG2310	265	11,399	RSV	250	-
CDMG2315	265	16,684	RSV	250	-
CDMG2320	265	18,625	RSV	613	-
CDMG2325	265	20,265	RSV	886	-
CDMG2333	265	25,423	RSV	880	-
CDP3306	250	716	PMS	23	3320P
CDP3310	250	716	PMS	24	3320P
CDP3316	250	755	PMS	27	3327P
CDP3320	250	845	PMS	27	3327P
CDP3326	250	845	PMS	31	3336P
CDP3330	250	845	PMS	32	3336P
CDP3335	250	755	PMS	26	3327P
CDP3410-V12	254	770	PMS	23	3416P
CDP3410-V24	254	730	PMS	23	3416P
CDP3420-V12	254	845	PMS	31	3416P
CDP3420-V24	254	806	PMS	31	3416P
CDP3430-V12	254	876	PMS	37	3420P
CDP3430-V24	254	835	PMS	35	3424P
CDP3436	250	1,026	PMS	38	3428P
CDP3440	250	1,026	PMS	38	3428P
CDP3440-V12	254	1,257	PMS	42	3430P
CDP3440-V24	254	1,250	PMS	41	3424P
CDP3443	250	908	PMS	36	3420P
CDP3445	250	1,248	PMS	44	3435P
CDP3445-V12	254	1,818	PMS	45	3435P
CDP3445-V24	254	1,810	PMS	46	3435P
CDP3450	250	1,026	PMS	38	3428P
CDP3455	250	1,248	PMS	44	3435P
CDP3460	250	1,026	PMS	38	3428P
CDP3575	250	2,298	PMS	65	3536P
CDP3580	250	2,000	PMS	53	3524P
CDP3585	250	2,742	PMS	74	3548P
CDP3590	250	2,298	PMS	66	3536P
CDP3603	250	3,377	PMS	112	3649P
CDP3604	250	3,358	PMS	112	3649P
CDP3605	250	5,731	PMS	161	3688P
CDPSWD3406	252	1,110	PMS	28	3413P
CDPSWD3410	252	1,110	PMS	29	3413P
CDPSWD3426	252	1,315	PMS	38	3428P
CDPSWD3430	252	1,315	PMS	37	3428P
CDPSWD3545	252	1,943	PMS	63	3536P
CDPSWD3555	252	1,943	PMS	63	3536P
CDPT3306	251	2,044	PMS	27	3320P
CDPT3310	251	2,044	PMS	27	3320P
CDPT3316	251	2,085	PMS	30	3327P
CDPT3320	251	2,085	PMS	30	3327P
CDPT3326	251	2,216	PMS	36	3336P
CDPT3330	251	2,085	PMS	35	3336P
CDPT3436	251	2,344	PMS	45	3428P
CDPT3440	251	2,344	PMS	44	3428P
CDPT3445	251	2,615	PMS	50	3435P
CDPT3455	251	2,615	PMS	50	3435P
CDPT3575	251	3,629	PMS	71	3536P
CDPT3585	251	4,072	PMS	79	3548P
CDPT3603	251	4,736	PMS	122	3649P
CDPT3605	251	7,085	PMS	164	3681P
CDPWD3306	252	927	PMS	24	3320P
CDPWD3310	252	927	PMS	25	3320P
CDPWD3316	252	979	PMS	27	3327P
CDPWD3320	252	979	PMS	27	3327P
CDPWD3326	252	1,101	PMS	32	3336P
CDPWD3330	252	1,101	PMS	32	3336P
CDPWD3436	252	1,328	PMS	38	3428P
CDPWD3440	252	1,328	PMS	38	3428P
CDPWD3445	252	1,620	PMS	44	3435P
CDPWD3455	252	1,620	PMS	44	3435P
CDPWD3575	252	3,099	PMS	66	3536P
CDPWD3585	252	2,698	PMS	75	3548P
CDPWD3603	252	4,733	PMS	116	3649P
CDPWD3605	252	8,017	PMS	157	3681P
CDPX3406	251	1,965	PMS	38	X3413P
CDPX3410	251	1,965	PMS	38	X3413P
CDPX3416	251	2,468	PMS	44	X3420P
CDPX3420	251	2,468	PMS	43	X3420P
CDPX3426	251	2,787	PMS	46	X3428P
CDPX3430	251	2,787	PMS	46	X3428P
CDPX3436	251	3,445	PMS	51	X3435P
CDPX3440	251	3,445	PMS	51	X3435P
CDPX3545	251	4,588	PMS	73	X3536P
CDPX3555	251	4,588	PMS	71	X3536P
CDPX3575	251	4,904	PMS	81	X3548P
CDRX05144	116	1,553	XDM	50	3520M
CDRX14124T	116	1,461	XDM	41	3516M
CDRX14124T-5	118	1,461	XDM	41	3516M
CDRX14144T	116	1,561	XDM	50	3520M

Catalog Number	Page Number	List Price	Disc. Sym.	Ship Wgt ⁽¹⁾	Type Code
CDRX14144T-5	118	1,561	XDM	50	3520M
CDRX14164T	116	1,948	XDM	49	3526M
CDRX14224T	116	1,790	XDM	46	3526M
CDRX14224T-5	118	1,790	XDM	55	3526M
CDRX14244T	116	1,623	XDM	48	3528M
CDRX14244T-5	118	1,623	XDM	59	3528M
CDRX18264T	116	2,770	XDM	152	0642M
CDRX18324T	116	2,390	XDM	127	0618M
CDRX18324T-5	118	2,390	XDM	127	0618M
CDRX18344T	116	1,976	XDM	111	0632M
CDRX18344T-5	118	1,976	XDM	127	0632M
CDRX18524T	116	2,748	XDM	150	0640M
CDRX18524T-5	118	2,748	XDM	150	0640M
CDRX18544T	116	2,287	XDM	123	0642M
CDRX18544T-5	118	2,287	XDM	152	0642M
CDRX21124T	116	3,286	XDM	174	0730M
CDRX21124T-5	119	3,286	XDM	235	0742M
CDRX21144T	116	3,782	XDM	252	0750M
CDRX21144T-5	119	3,782	XDM	252	0750M
CDRX21364T	116	3,115	XDM	221	0736M
CDRX21564T	116	3,420	XDM	245	0748M
CDRX21724T	116	3,147	XDM	184	0726M
CDRX21724T-5	118	3,147	XDM	169	0726M
CDRX21744T	116	2,842	XDM	154	0738M
CDRX21744T-5	118	2,842	XDM	193	0738M
CDRX25164T	116	4,885	XDM	327	0956M
CDRX25224T	116	5,028	XDM	390	0950M
CDRX25224T-5	119	5,028	XDM	390	0950M
CDRX25244T	116	5,693	XDM	335	0960M
CDRX25244T-5	119	5,693	XDM	335	0960M
CDRX25764T	116	4,170	XDM	374	0954M
CDRX28264T	116	7,851	XDM	459	1056M
CDRX28324T	116	7,702	XDM	438	1046M
CDRX28324T-5	119	7,702	XDM	495	1046M
CDRX28344T	116	8,299	XDM	518	1056M
CDRX28344T-5	119	8,299	XDM	518	1056M
CDRX32364T	116	10,668	XDM	766	1264M
CDRX32424T	116	9,881	XDM	593	1252M
CDRX32424T-5	119	9,881	XDM	745	1252M
CDRX32444T	116	10,992	XDM	720	1254M
CDRX32444T-5	119	10,992	XDM	720	1254M
CDRX32524T	117	12,379	XDM	648	1264M
CDRX32524T-5	119	12,379	XDM	766	1264M
CDRX32544T	117	12,603	XDM	782	1276M
CDRX32544T-5	119	12,603	XDM	782	1276M
CDRX36464T	116	12,822	XDM	908	A36062M
CDRX36644T	117	14,663	XDM	910	A36062M
CDRX36744T	117	15,986	XDM	965	A36070M
CDRX40144T	117	18,645	XDM	1,326	A40064M
CDRX050544	116	1,071	XDM	37	3512M
CDRX050744	116	1,171	XDM	33	3514M
CDRX141524T	116	1,541	XDM	47	3520M
CDRX141544T	116	1,584	XDM	50	3526M
CDRX181564T	116	2,569	XDM	149	0630M
CDRX251524T	116	3,968	XDM	349	0934M
CDRX251524T-5	119	3,968	XDM	349	0934M
CDRX251544T	116	4,540	XDM	302	0944M
CDRX251544T-5	119	4,540	XDM	373	0944M
CDRX281564T	116	7,668	XDM	478	1046M
CDRX282524T	116	6,585	XDM	408	1038M
CDRX282524T-5	119	6,585	XDM	525	1048M
CDRX282544T	116	6,955	XDM	447	1054M
CDRX282544T-5	119	6,955	XDM	506	1054M
CDRX322564T	116	9,760	XDM	741	1260M
CDRXL05144	120	1,161	XD1	57	3532L
CDRXL050344	120	915	XD1	35	3513L
CDRXL050544	120	970	XD1	43	3520L
CDRXL050744	120	1,060	XD1	53	3528L
CDX1850	256	2,852	WFS	100	X3623D
CDX1875	256	3,776	WFS	100	X3623D
CDX2001	256	4,697	WFS	102	X3623D
CDX7100	256	3,899	WFS	102	X3623D
CDX7150	256	5,163	WFS	121	X3636D
CDX7200	256	5,798	WFS	135	X3646D
CEBM35546T	199	1,571	BE3	43	3522M
CEBM3554T	199	1,692	BE3	48	3526M
CEBM3558T	199	1,740	BE3	52	3528M
CEBM3558T-D	197	1,775	UH3	61	3528M
CEBM3611T	199	1,945	BE3	77	3632M
CEBM3611T-D	197	2,250	UH3	103	3628M
CEBM3615T	199	2,279	BE3	101	3642M
CEBM3615T-D	197	2,608	UH3	121	3642M
CEBM3615T-DI	202	2,279	BE3	123	3642M
CEBM3710T	199	4,179	BE3	149	3738M
CEBM3710T-D	197	3,678	UH3	141	3738M
CEBM3714T	199	4,557	BE3	183	3752M
CEBM3714T-D	197	4,495	UH3	165	3752M

(1) Shipping weight (lbs.) is approximate.

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CECP2276T	51	3,059	SDM	305	0954M
CECP2294T	51	3,505	SDM	307	0930M
CECP2332T	51	3,913	SDM	323	0960M
CECP2333T	51	3,344	SDM	297	0944M
CECP2333T-4	51	3,344	SDM	296	0944M
CECP2333T-5	51	3,344	SDM	296	0944M
CECP2334T	51	3,544	SDM	339	0960M
CECP2334T-4	51	3,544	SDM	336	0960M
CECP2334T-5	51	3,544	SDM	336	0960M
CECP3581T	51	1,099	SDM	67	0524M
CECP3581T-5	51	1,099	SDM	60	0518M
CECP3582T	51	1,211	SDM	75	0526M
CECP3584T	51	1,121	SDM	72	0530M
CECP3584T-5	51	1,121	SDM	72	0530M
CECP3587T	51	1,166	SDM	76	0534M
CECP3587T-5	51	1,166	SDM	76	0534M
CECP3660T	51	1,436	SDM	112	0628M
CECP3661T	51	1,505	SDM	114	0632M
CECP3661T-5	51	1,505	SDM	114	0628M
CECP3663T	51	1,744	SDM	121	0632M
CECP3664T	51	1,422	SDM	113	0642M
CECP3665T	51	1,529	SDM	130	0642M
CECP3665T-5	51	1,529	SDM	130	0642M
CECP3667T	51	1,407	SDM	99	0630M
CECP3764T	51	2,072	SDM	187	0738M
CECP3768T	51	2,098	SDM	226	0748M
CECP3769T	51	2,345	SDM	173	0732M
CECP3770T	51	2,000	SDM	170	0738M
CECP3770T-5	51	2,000	SDM	170	0738M
CECP3771T	51	2,482	SDM	203	0742M
CECP3774T	51	2,354	SDM	231	0748M
CECP3774T-5	51	2,354	SDM	231	0748M
CECP4100T	51	4,856	SDM	435	1046M
CECP4102T	51	6,384	SDM	460	1054M
CECP4103T	51	4,684	SDM	449	1056M
CECP4103T-4	51	4,684	SDM	440	1056M
CECP4103T-5	51	4,684	SDM	449	1056M
CECP4104T	51	5,406	SDM	478	1060M
CECP4104T-4	51	5,406	SDM	475	1060M
CECP4104T-5	51	5,406	SDM	475	1060M
CECP4106T	51	3,991	SDM	333	0944M
CECP4107T	51	4,868	SDM	396	1048M
CECP4108T	51	5,766	SDM	454	1048M
CECP4109T	52	7,751	SDM	571	1240M
CECP4110T	52	6,901	SDM	628	1254M
CECP4111T	51	6,876	SDM	626	1260M
CECP4114T	52	8,079	SDM	639	1252M
CECP4115T	52	7,941	SDM	656	1272M
CECP4117T	51	8,623	SDM	640	1264M
CECP4308T	52	10,493	SDM	908	A3662M
CECP4310T	52	11,111	SDM	874	A3656M
CECP4312T	52	12,246	SDM	908	A3662M
CECP4313T	52	12,586	SDM	899	A3668M
CECP4314T	52	10,998	SDM	880	A3658M
CECP4314T-4	52	10,581	SDM	961	A3658M
CECP4314T-5	52	10,581	SDM	961	A3658M
CECP4316T	52	12,508	SDM	905	A3670M
CECP4400T-4	52	15,928	SDM	1,388	A40064M
CECP4402T-4	52	15,871	SDM	1,327	A40060M
CECP4406T-4	52	22,059	SDM	2,138	A4488M
CECP4407T-4	52	26,536	SDM	2,455	A44120M
CECP4410T-4	52	19,132	SDM	1,669	A44076M
CECP82276T-4	56	3,311	SD8	346	0954M
CECP82332T-4	56	4,268	SD8	362	0960M
CECP82333T-4	56	3,465	SD8	322	0944M
CECP82333T-5	57	3,465	SD8	309	0944M
CECP82334T-4	56	3,666	SD8	356	0964M
CECP82334T-5	57	3,666	SD8	357	0964M
CECP82394T-4	56	3,549	SD8	308	0934M
CECP83580-4	56	1,339	SD8	56	0516M
CECP83580T-4	56	1,087	SD8	63	0516M
CECP83581-4	56	1,442	SD8	56	0524M
CECP83581T-4	56	1,190	SD8	71	0524M
CECP83581T-5	57	1,190	SD8	71	0524M
CECP83582-4	56	1,525	SD8	56	0526M
CECP83582T-4	56	1,273	SD8	56	0526M
CECP83583T-4	56	1,164	SD8	71	0524M
CECP83584T-4	56	1,212	SD8	75	0530M
CECP83586T-4	56	1,277	SD8	80	0526M
CECP83587T-4	56	1,262	SD8	78	0534M
CECP83587T-5	57	1,262	SD8	80	0534M
CECP83660T-4	56	1,552	SD8	121	0632M
CECP83661T-4	56	1,644	SD8	120	0632M
CECP83661T-5	57	1,644	SD8	122	0632M
CECP83663T-4	56	1,886	SD8	136	0642M
CECP83664T-4	56	1,681	SD8	113	0642M
CECP83665T-4	56	1,653	SD8	131	0642M

Catalog Number	Page Number	List Price	Disc. Sym.	Ship Wgt ⁽¹⁾	Type Code
CECP83665T-5	57	1,653	SD8	131	0642M
CECP83667T-4	56	1,461	SD8	99	0630M
CECP83764T-4	56	2,246	SD8	211	0736M
CECP83768T-4	56	2,298	SD8	226	0748M
CECP83769T-4	56	2,445	SD8	179	0732M
CECP83770T-4	56	2,094	SD8	178	0740M
CECP83770T-5	57	2,094	SD8	211	0740M
CECP83771T-4	56	2,595	SD8	225	0742M
CECP83774T-4	56	2,531	SD8	231	0748M
CECP83774T-5	57	2,531	SD8	231	0748M
CECP84100T-4	56	5,162	SD8	420	1054M
CECP84102T-4	56	6,756	SD8	460	1056M
CECP84103T-4	56	5,145	SD8	430	1056M
CECP84103T-5	57	5,145	SD8	444	1056M
CECP84104T-4	56	5,892	SD8	465	1060M
CECP84104T-5	57	5,892	SD8	487	1060M
CECP84106T-4	56	4,025	SD8	328	0954M
CECP84107T-4	56	5,490	SD8	433	1048M
CECP84108T-4	56	6,395	SD8	470	1048M
CECP84109T-4	56	8,505	SD8	587	1256M
CECP84110T-4	56	7,637	SD8	600	1260M
CECP84110T-5	57	7,637	SD8	670	1260M
CECP84111T-4	56	7,609	SD8	660	1264M
CECP84114T-4	57	8,831	SD8	670	1266M
CECP84115T-4	57	8,790	SD8	683	1272M
CECP84115T-5	57	8,790	SD8	663	1272M
CECP84117T-4	56	9,622	SD8	640	1268M
CECP84308T-4	56	11,641	SD8	908	A3662M
CECP84310T-4	57	12,259	SD8	899	A3656M
CECP84312T-4	57	13,394	SD8	925	A36062M
CECP84313T-4	57	13,734	SD8	1,007	A3668M
CECP84314T-4	57	12,146	SD8	906	A3658M
CECP84316T-4	57	13,656	SD8	1,050	A3670M
CECR9154T	64	2,516	SDC	286	0948M
CECR9204T	64	2,886	SDC	325	0962M
CECR9254T	64	3,644	SDC	465	1072M
CECR9304T	64	4,149	SDC	465	1072M
CECR9404T	64	5,264	SDC	650	1264M
CECR9504T	64	6,228	SDC	700	1272M
CECR9604T	64	8,475	SDC	977	A36068M
CECR9754T	64	10,078	SDC	982	A3668M
CEDM3545	60	907	SDD	39	3516M
CEDM3546	60	1,004	SDD	38	3520M
CEDM3550	60	992	SDD	42	3520M
CEDM3554	60	1,086	SDD	42	3526M
CEDM3554T	60	1,096	SDD	41	3526M
CEDM3555	60	1,061	SDD	38	3526M
CEDM3556	60	1,122	SDD	45	3526M
CEDM3558	60	1,133	SDD	49	3528M
CEDM3558T	60	1,143	SDD	52	3528M
CEDM3559T	60	1,137	SDD	59	3532M
CEDM3611T	60	1,262	SDD	90	3632M
CEDM3613T	60	1,350	SDD	97	3630M
CEDM3615T	60	1,291	SDD	108	3642M
CEDM3704T	60	1,943	SDD	154	3738M
CEDM3708T	60	2,118	SDD	181	3752M
CEDM3709T	60	2,059	SDD	138	3728M
CEDM3710T	60	1,920	SDD	146	3738M
CEDM3711T	60	2,079	SDD	138	3730M
CEDM3714T	60	2,091	SDD	185	3752M
CEL11301	21	473	GO1	27	3418LC
CEL11303	21	493	GO1	24	3413LC
CEL11304	21	527	GO1	32	3424LC
CEL11307	21	622	GO1	39	3524LC
CEL11310	21	712	GO1	44	3528LC
CEM2276T-G	156	3,730	HV3	281	0954M
CEM2332T-G	156	4,143	HV3	322	0960M
CEM2333T	28	2,564	GE3	269	0944M
CEM2333T-5	29	2,564	GE3	263	0944M
CEM2333T-G	156	3,450	HV3	270	0944M
CEM2334T	28	3,379	GE3	298	0960M
CEM2334T-5	29	3,379	GE3	289	0960M
CEM2334T-G	156	4,014	HV3	295	0960M
CEM2394T	28	3,103	GE3	250	0930M
CEM2394T-G	156	3,696	HV3	239	0930M
CEM2506T	37	2,064	GO3	248	3950M
CEM2506T-G	160	2,215	HV3	248	3950M
CEM2511T	37	2,588	GO3	255	3954M
CEM2511T-G	160	2,818	HV3	255	3954M
CEM2513T	37	2,692	GO3	213	3948M
CEM2513T-G	160	2,937	HV3	251	3948M
CEM2514T	37	2,727	GO3	194	3928M
CEM2514T-G	160	2,978	HV3	185	3928M
CEM2515T	37	2,922	GO3	231	3948M
CEM2515T-G	160	3,202	HV3	250	3948M
CEM2516T	37	3,209	GO3	219	3938M
CEM2516T-G	160	4,252	HV3	233	3938M
CEM2524T	37	3,634	GO3	300	4038M

(1) Shipping weight (lbs.) is approximate.

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CEM2524T-G	160	3,781	HV3	300	4038M
CEM2528T	37	4,296	GO3	369	4056M
CEM2528T-G	160	4,542	HV3	299	-
CEM2531T	37	3,749	GO3	336	4050M
CEM2531T-G	160	4,704	HV3	314	4050M
CEM2532T	37	5,294	GO3	383	4072M
CEM2532T-G	160	5,451	HV3	383	4072M
CEM2534T	37	3,987	GO3	320	4040M
CEM2534T-G	160	4,187	HV3	320	4040M
CEM2535T	37	4,045	GO3	378	4060M
CEM2535T-G	160	5,119	HV3	340	4060M
CEM2536T	37	5,487	GO3	482	4084M
CEM2536T-G	160	5,673	HV3	482	4084M
CEM2538T	38	4,968	GO3	330	4046M
CEM2538T-G	160	5,315	HV3	328	4046M
CEM2539T	38	5,325	GO3	378	4064M
CEM2539T-G	160	5,487	HV3	392	4064M
CEM2542T	38	5,585	GO3	375	4058M
CEM2542T-G	161	5,785	HV3	392	4058M
CEM2543T	38	5,792	GO3	494	4256M
CEM2543T-G	161	6,024	HV3	497	4256M
CEM2546T	38	6,852	GO3	472	4250M
CEM2546T-G	161	7,243	HV3	616	4252M
CEM2547T	38	7,207	GO3	632	4278M
CEM2547T-G	161	7,756	HV3	565	4278M
CEM2549T	38	8,859	GO3	475	4254M
CEM2549T-G	161	9,655	HV3	472	4250M
CEM2550T	38	9,406	GO3	574	4266M
CEM2550T-4G	161	13,402	HV3	589	4272M
CEM2551T	38	8,634	GO3	457	4462M
CEM2551T-G	161	9,397	HV3	597	4462M
CEM2554T-4	38	11,710	GO3	894	-
CEM2555T	38	10,036	GO3	945	4484M
CEM2555T-4G	161	13,597	HV3	898	-
CEM2559T-4	38	12,068	GO3	955	-
CEM3116T	37	749	GO3	35	3520M
CEM3116T-G	160	970	HV3	34	3520M
CEM3120T	37	650	GO3	34	3518M
CEM3120T-G	160	856	HV3	34	3518M
CEM3154T	37	781	GO3	31	3522M
CEM3154T-G	160	1,006	HV3	38	3522M
CEM3155T-G	160	978	HV3	41	3524M
CEM3156T	37	765	GO3	41	3526M
CEM3156T-G	160	988	HV3	40	3524M
CEM3157T	37	834	GO3	41	3526M
CEM3157T-G	160	1,068	HV3	41	3526M
CEM3158T	37	765	GO3	46	3530M
CEM3158T-G	160	988	HV3	51	3530M
CEM3207T	37	923	GO3	68	3628M
CEM3207T-G	160	1,143	HV3	68	3628M
CEM3211T	37	930	GO3	71	3630M
CEM3211T-G	160	1,151	HV3	72	3630M
CEM3212T	37	866	GO3	64	3622M
CEM3212T-G	160	1,077	HV3	63	3622M
CEM3215T	37	942	GO3	82	3636M
CEM3215T-G	160	1,165	HV3	82	3636M
CEM3218T	37	1,012	GO3	87	3640M
CEM3218T-G	160	1,245	HV3	84	3640M
CEM3219T	37	1,331	GO3	77	3632M
CEM3219T-G	160	1,612	HV3	77	3632M
CEM3305T	37	1,269	GO3	131	3734M
CEM3305T-G	160	1,448	HV3	131	3734M
CEM3309T	37	1,613	GO3	141	3744M
CEM3309T-G	160	1,844	HV3	141	3744M
CEM3311T	37	1,543	GO3	118	3734M
CEM3311T-G	160	1,764	HV3	130	3734M
CEM3312T	37	1,602	GO3	121	3728M
CEM3312T-G	160	1,831	HV3	121	3728M
CEM3313T	37	1,834	GO3	133	3742M
CEM3313T-G	160	2,098	HV3	148	3742M
CEM3314T	37	2,207	GO3	128	3734M
CEM3314T-G	160	2,527	HV3	131	3734M
CEM3538-BG	154	854	HV3	33	3514M
CEM3542-BG	154	881	HV3	37	3516M
CEM3545	27	669	GE3	33	3516M
CEM3545-G	156	907	HV3	32	3516M
CEM3546	27	766	GE3	36	3520M
CEM3546-5	28	766	GE3	38	3520M
CEM3546-8	28	766	GE3	38	3520M
CEM3546T	27	689	GE3	36	3520M
CEM3546T-5	28	689	GE3	37	3520M
CEM3546T-BG	154	907	HV3	38	3520M
CEM3546T-G	156	1,039	HV3	30	3520M
CEM3550	27	754	GE3	37	3520M
CEM3550T	27	764	GE3	40	3520M
CEM3550T-G	156	1,025	HV3	36	3520M
CEM3554-5	28	848	GE3	41	3526M

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CEM3554T	27	762	GE3	42	3526M
CEM3554T-5	28	762	GE3	42	3526M
CEM3554T-BG	154	935	HV3	41	3526M
CEM3554T-G	156	1,133	HV3	42	3526M
CEM3555	27	823	GE3	46	3526M
CEM3555T	27	833	GE3	44	3526M
CEM3555T-G	156	1,105	HV3	46	3526M
CEM3556	27	874	GE3	41	3526M
CEM3556T	27	884	GE3	43	3526M
CEM3556T-G	156	1,163	HV3	43	3526M
CEM3558	27	895	GE3	46	3528M
CEM3558-5	28	895	GE3	45	3528M
CEM3558T	27	804	GE3	46	3530M
CEM3558T-5	28	804	GE3	47	3528M
CEM3558T-BG	154	962	HV3	45	3528M
CEM3558T-G	156	1,188	HV3	42	3530M
CEM3559	27	899	GE3	50	3532M
CEM3559T	27	909	GE3	52	3532M
CEM3559T-5	28	909	GE3	52	3532M
CEM3559T-G	156	1,383	HV3	53	3532M
CEM3581T	27	978	GE3	54	0518M
CEM3581T-5	28	978	GE3	54	0518M
CEM3583T	27	1,031	GE3	55	0520M
CEM3583T-5	28	1,031	GE3	54	0520M
CEM3584T	27	1,012	GE3	60	0526M
CEM3584T-5	28	1,012	GE3	63	0526M
CEM3586T	27	1,079	GE3	60	0526M
CEM3586T-5	28	1,079	GE3	60	0526M
CEM3587T	27	1,058	GE3	62	0528M
CEM3587T-5	28	1,058	GE3	61	0528M
CEM3607T	27	1,061	GE3	77	3632M
CEM3607T-G	156	1,374	HV3	76	3632M
CEM3610T	27	954	GE3	50	3532M
CEM3610T-5	28	954	GE3	58	3532M
CEM3610T-G	156	1,470	HV3	50	3540M
CEM3611T	27	854	GE3	75	3632M
CEM3611T-5	28	854	GE3	75	3632M
CEM3611T-BG	154	1,109	HV3	70	3632M
CEM3611T-G	156	1,260	HV3	74	3632M
CEM3613T	28	1,050	GE3	78	3630M
CEM3613T-5	29	1,050	GE3	78	3630M
CEM3613T-G	156	1,361	HV3	76	3630M
CEM3614T	27	1,109	GE3	97	3644M
CEM3614T-G	156	1,429	HV3	94	3644M
CEM3615T	28	880	GE3	93	3642M
CEM3615T-5	29	880	GE3	93	3642M
CEM3615T-BG	154	1,188	HV3	93	3642M
CEM3615T-G	156	1,293	HV3	92	3642M
CEM3616T	28	1,362	GE3	101	3646M
CEM3660T	27	1,195	GE3	90	0618M
CEM3660T-5	28	1,195	GE3	89	0618M
CEM3661T	27	1,226	GE3	104	0632M
CEM3661T-5	28	1,226	GE3	102	0632M
CEM3663T	28	1,448	GE3	99	0628M
CEM3663T-5	29	1,448	GE3	99	0628M
CEM3664T	27	1,336	GE3	115	0642M
CEM3665T	28	1,252	GE3	114	0642M
CEM3665T-5	29	1,252	GE3	113	0642M
CEM3704T	27	1,488	GE3	141	3738M
CEM3704T-G	156	1,866	HV3	135	3738M
CEM3708T	28	1,663	GE3	161	3752M
CEM3708T-G	156	2,067	HV3	154	0748M
CEM3709T	28	1,604	GE3	120	3728M
CEM3709T-G	156	1,999	HV3	133	3728M
CEM3710T	28	1,301	GE3	134	3738M
CEM3710T-5	29	1,301	GE3	129	3738M
CEM3710T-G	156	1,839	HV3	129	3738M
CEM3711T	28	1,624	GE3	121	3730M
CEM3711T-5	29	1,624	GE3	123	3728M
CEM3711T-G	156	2,022	HV3	118	3730M
CEM3713T	28	2,234	GE3	182	3752M
CEM3713T-5	29	2,234	GE3	169	3752M
CEM3714T	28	1,452	GE3	165	3752M
CEM3714T-5	29	1,452	GE3	165	3752M
CEM3714T-G	156	2,036	HV3	156	3752M
CEM3764T	27	1,737	GE3	173	0736M
CEM3768T	28	1,984	GE3	190	0746M
CEM3769T	28	1,757	GE3	155	0726M
CEM3769T-5	29	1,757	GE3	179	0724M
CEM3770T	28	1,700	GE3	170	0738M
CEM3770T-5	29	1,700	GE3	170	0738M
CEM3771T	28	2,026	GE3	182	0730M
CEM3771T-5	29	2,026	GE3	182	0730M
CEM3774T	28	1,883	GE3	195	0748M
CEM3774T-5	29	1,883	GE3	231	0748M
CEM4100T-G	156	5,508	HV3	369	1046M
CEM4102T-G	156	6,987	HV3	393	1054M
CEM4103T	28	4,431	GE3	400	1054M

(1) Shipping weight (lbs.) is approximate.

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CEM4103T-5	29	4,431	GE3	401	1056M
CEM4103T-G	156	5,252	HV3	400	1054M
CEM4104T	28	5,112	GE3	425	1056M
CEM4104T-5	29	5,112	GE3	449	1056M
CEM4104T-G	157	6,035	HV3	410	1056M
CEM4106T	28	3,349	GE3	265	0936M
CEM4106T-5	29	3,349	GE3	280	0936M
CEM4106T-G	156	3,979	HV3	271	0936M
CEM4107T	28	4,383	GE3	346	0944M
CEM4107T-G	156	5,197	HV3	323	1048M
CEM4108T	28	5,062	GE3	389	1048M
CEM4108T-G	157	5,978	HV3	336	1048M
CEM4109T	28	6,770	GE3	600	1058M
CEM4109T-G	157	7,945	HV3	532	1256M
CEM4110T	28	6,566	GE3	590	1254M
CEM4110T-G	157	7,710	HV3	596	1254M
CEM4111T-G	156	7,908	HV3	507	1260M
CEM4114T	28	7,322	GE3	591	1252M
CEM4114T-G	157	8,597	HV3	584	1266M
CEM4115T	28	7,092	GE3	585	1272M
CEM4115T-G	157	8,315	HV3	648	1272M
CEM4117T-G	157	8,952	HV3	604	1264M
CEM4310T	28	10,003	GE3	830	A3656M
CEM4310T-G	157	11,717	HV3	900	A36056M
CEM4313T	28	11,478	GE3	905	A3668M
CEM4313T-G	157	13,413	HV3	966	A36068M
CEM4314T	28	9,890	GE3	915	A3658M
CEM4314T-G	157	11,586	HV3	907	A3658M
CEM4316T	28	11,400	GE3	907	A3670M
CEM4316T-G	157	13,323	HV3	956	A36070M
CEM4400T	28	14,166	GE3	1,360	A40064M
CEM4400T-G	157	18,144	HV3	1,214	A40064M
CEM31104	37	479	G03	24	3416M
CEM31107	37	510	G03	20	3416M
CEM31108	37	525	G03	31	3424M
CEM31112	37	575	G03	35	3516M
CEM31115	37	618	G03	37	3512M
CEM31115-G	160	800	HV3	37	3512M
CEM31155	37	700	G03	43	3524M
CENCP83580T-4	56	1,039	SD8	61	0520M
CENCP83581T-4	56	1,130	SD8	64	0524M
CENM3546	27	766	GE3	38	3520M
CESSWDM3545	83	1,411	WDS	39	3520M
CESSWDM3545-H	83	1,411	WDS	38	3520M
CESSWDM3546	83	1,405	WDS	41	3524M
CESSWDM3546-5	84	1,405	WDS	46	3524M
CESSWDM3546-H	83	1,405	WDS	41	3524M
CESSWDM3546T	83	1,426	WDS	52	3524M
CESSWDM3546T-5	84	1,426	WDS	51	3524M
CESSWDM3550	83	1,419	WDS	56	3532M
CESSWDM3550-5	84	1,419	WDS	50	3532M
CESSWDM3550-H	83	1,419	WDS	50	3532M
CESSWDM3550T	83	1,431	WDS	60	3532M
CESSWDM3554	83	1,432	WDS	41	3526M
CESSWDM3554-H	83	1,432	WDS	45	3528M
CESSWDM3554T	83	1,453	WDS	55	3528M
CESSWDM3554T-5	84	1,453	WDS	56	3528M
CESSWDM3555T	83	1,734	WDS	60	3532M
CESSWDM3558	83	1,725	WDS	45	3528M
CESSWDM3558-H	83	1,725	WDS	45	3528M
CESSWDM3558T	83	1,746	WDS	45	3528M
CESSWDM3558T-5	84	1,746	WDS	45	3528M
CESSWDM3559T	83	2,089	WDS	74	3546M
CESSWDM3559T-5	84	2,089	WDS	73	3546M
CESSWDM3610T	83	2,231	WDS	90	3624M
CESSWDM3611T	83	2,041	WDS	94	3636M
CESSWDM3611T-5	84	2,041	WDS	92	3636M
CESSWDM3613T	83	2,374	WDS	106	3636M
CESSWDM3613T-5	84	2,374	WDS	106	3636M
CESSWDM3615T	83	2,297	WDS	112	3646M
CESSWDM3615T-5	84	2,297	WDS	112	3646M
CESSWDM3709T	83	2,786	WDS	166	3734M
CESSWDM3709T-5	84	2,786	WDS	129	3734M
CESSWDM3710T	83	2,873	WDS	137	3740M
CESSWDM3710T-5	84	2,873	WDS	139	3738M
CESSWDM3711T	83	3,109	WDS	184	3744M
CESSWDM3711T-5	84	3,109	WDS	154	3744M
CESSWDM3713T	83	4,665	WDS	187	3756M
CESSWDM3714T	83	3,169	WDS	190	3756M
CESSWDM3714T-5	84	3,169	WDS	185	3754M
CESSWDM23933T	83	6,245	WDS	293	3956M
CESSWDM23933T-5	84	6,245	WDS	281	3956M
CESSWDM23934T	83	7,242	WDS	299	3960M
CESSWDM23994T	83	6,345	WDS	293	3952M
CESSWDM41906T	83	7,283	WDS	312	3960M
CESSWDM3555-H	83	1,891	WDS	61	3532M
CESSWDM3555T-5	84	1,734	WDS	61	3546M

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CESSWDM3556-H	83	1,591	WDS	64	3544M
CESSWDM3558-5	84	1,725	WDS	63	3546M
CESSWDM3610T-5	84	2,231	WDS	96	3646M
CESSWDM3611T-5	84	2,041	WDS	101	3646M
CESWDM3546	86	1,150	WDP	40	3524M
CESWDM3546-5	87	1,150	WDP	39	3524M
CESWDM3546T	86	1,125	WDP	39	3524M
CESWDM3546T-5	87	1,125	WDP	39	3524M
CESWDM3554	86	1,174	WDP	50	3534M
CESWDM3554-5	87	1,174	WDP	47	3534M
CESWDM3554T	86	1,205	WDP	50	3534M
CESWDM3554T-5	87	1,205	WDP	47	3534M
CESWDM3555T	86	1,427	WDP	52	3532M
CESWDM3558	86	1,389	WDP	45	3528M
CESWDM3558T	86	1,479	WDP	56	3536M
CESWDM3559T	86	1,756	WDP	62	3546M
CESWDM3611T	86	1,809	WDP	79	3632M
CESWDM3613T	86	2,227	WDP	88	3636M
CESWDM3615T	86	2,105	WDP	92	3642M
CESWDM3709T	86	2,811	WDP	134	3734M
CESWDM3710T	86	2,590	WDP	135	3740M
CESWDM3711T	86	3,116	WDP	154	3744M
CESWDM3714T	86	2,947	WDP	165	3752M
CESSWDM3558-5	87	1,389	WDP	56	3538M
CEUHM3546	195	672	UH3	38	3520M
CEUHM3546T	195	681	UH3	39	3520M
CEUHM3554	195	710	UH3	41	3526M
CEUHM3554T	195	719	UH3	45	3526M
CEUHM3558	195	784	UH3	45	3528M
CEUHM3558T	195	792	UH3	50	3528M
CEUHM3611T	195	926	UH3	73	3632M
CEUHM3615T	195	1,017	UH3	94	3642M
CEWDBM3538	96, 204	2,086	WDW	42	3516M
CEWDBM3542	96, 204	2,254	WDW	42	3516M
CEWDBM3546	96, 204	2,314	WDW	50	3524M
CEWDBM3546T	96, 204	2,269	WDW	51	3524M
CEWDBM3554T	96, 204	2,518	WDW	61	3534M
CEWDBM3558T	96, 204	2,562	WDW	60	3528M
CEWDBM3611T	96, 204	3,100	WDW	93	3632M
CEWDBM3615T	96, 204	3,745	WDW	110	3642M
CEWDM2280T	101	5,669	WDW	256	0940M
CEWDM2395T	101	8,971	WDW	455	1060M
CEWDM2401T	101	6,097	WDW	320	0960M
CEWDM2402T	101	6,915	WDW	391	1046M
CEWDM3545	91	1,039	WDW	33	3516M
CEWDM3545T	91	1,017	WDW	35	3516M
CEWDM3546	91	1,044	WDW	41	3524M
CEWDM3546-5	94	1,044	WDW	39	3524M
CEWDM3546-H	91	1,044	WDW	39	3524M
CEWDM3546T	91	1,065	WDW	37	3524M
CEWDM3546T-5	94	1,065	WDW	38	3524M
CEWDM3550	91	1,068	WDW	46	3528M
CEWDM3550-H	91	1,068	WDW	48	3528M
CEWDM3550T	91	1,091	WDW	48	3528M
CEWDM3554	91	1,092	WDW	50	3534M
CEWDM3554-H	91	1,092	WDW	56	3534M
CEWDM3554T	91	1,115	WDW	48	3534M
CEWDM3554T-5	94	1,115	WDW	46	3534M
CEWDM3555	91	1,155	WDW	35	3526M
CEWDM3555-H	91	1,155	WDW	41	3526M
CEWDM3555T	91	1,178	WDW	45	3526M
CEWDM3556	91	1,172	WDW	43	3526M
CEWDM3556-H	91	1,172	WDW	41	3526M
CEWDM3556T	91	1,203	WDW	41	3526M
CEWDM3558	91	1,191	WDW	48	3530M
CEWDM3558-H	91	1,191	WDW	48	3530M
CEWDM3558T	91	1,229	WDW	46	3528M
CEWDM3558T-5	94	1,229	WDW	46	3528M
CEWDM3559T	92	1,451	WDW	60	3532M
CEWDM3559T-5	94	1,451	WDW	52	3532M
CEWDM3607T	91	1,299	WDW	72	3632M
CEWDM3610T	92	1,368	WDW	57	3532M
CEWDM3611T	92	1,614	WDW	78	3632M
CEWDM3611T-5	94	1,614	WDW	77	3632M
CEWDM3613T	92	1,920	WDW	80	3630M
CEWDM3613T-5	94	1,920	WDW	70	3630M
CEWDM3614T	91	1,441	WDW	93	3644M
CEWDM3615T	92	1,829	WDW	96	3642M
CEWDM3615T-5	94	1,829	WDW	94	3642M
CEWDM3616T	92	2,282	WDW	101	3646M
CEWDM3617T	91	1,876	WDW	65	3628M
CEWDM3618T	91	2,183	WDW	101	3646M
CEWDM3702T	91	3,069	WDW	111	3744M
CEWDM3704T	92	1,899	WDW	136	3738M
CEWDM3705T	92	3,497	WDW	111	3744M
CEWDM3708T	92	2,249	WDW	185	3752M
CEWDM3709T	92	2,705	WDW	143	3728M

(1) Shipping weight (lbs.) is approximate.

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CEWDM3709T-5	94	2,705	WDW	143	3738M
CEWDM3710T	92	2,314	WDW	151	3738M
CEWDM3710T-5	94	2,314	WDW	130	3738M
CEWDM3711T	92	2,977	WDW	122	3730M
CEWDM3711T-5	94	2,977	WDW	122	3728M
CEWDM3713T	92	3,741	WDW	174	3752M
CEWDM3714T	92	2,630	WDW	165	3752M
CEWDM3714T-5	94	2,630	WDW	165	3752M
CEWDM4100T	101	5,244	WDW	447	1054M
CEWDM4102T	101	6,847	WDW	429	1056M
CEWDM4103T	101	4,896	WDW	437	1054M
CEWDM4104T	101	5,577	WDW	437	1056M
CEWDM4107T	101	5,075	WDW	307	0944M
CEWDM4108T	101	6,017	WDW	299	0950M
CEWDM4109T	101	8,095	WDW	470	1058M
CEWDM4110T	101	7,176	WDW	578	1254M
CEWDM4111T	101	7,239	WDW	605	1260M
CEWDM4112T	101	10,238	WDW	606	1256M
CEWDM4114T	101	8,440	WDW	575	1252M
CEWDM4115T	101	8,268	WDW	700	1272M
CEWDM4116T	101	12,563	WDW	606	1256M
CEWDM4117T	101	9,074	WDW	640	1264M
CEWDM4308T	101	11,652	WDW	908	A36062M
CEWDM4310T	101	12,445	WDW	999	A36056M
CEWDM4312T	101	12,348	WDW	908	A36062M
CEWDM4313T	101	13,332	WDW	1,005	A36068M
CEWDM4314T	101	11,797	WDW	961	A3658M
CEWDM4316T	101	12,741	WDW	965	A36070M
CEWDM4338T	101	13,311	WDW	813	A36050M
CEWDM4348T	101	15,160	WDW	875	A36062M
CEWDM4403T	101	16,755	WDW	1,322	A40064M
CEWDM4404T	101	20,127	WDW	1,322	A40064M
CEWDM4419T	101	26,919	WDW	1,815	A44072M
CEWDM4458T	101	20,364	WDW	1,216	A40060M
CEWDM4468T	101	21,719	WDW	1,216	A40060M
CEWDM22976T	92	3,861	WDW	280	3954M
CEWDM23932T	92	4,389	WDW	289	3956M
CEWDM23933T	92	5,172	WDW	256	3942M
CEWDM23933T-5	94	5,172	WDW	258	3942M
CEWDM23934T	92	5,998	WDW	283	3952M
CEWDM23934T-5	94	5,998	WDW	289	3952M
CEWDM23994T	92	5,255	WDW	188	3752M
CEWDM41906T	92	6,031	WDW	274	3940M
CEWDM3545	91	981	WDF	35	3516M
CEWDM3545-H	91	981	WDF	35	3516M
CEWDM3558T	91	1,200	WDF	54	3538M
CFDL3504M	178	695	FD1	28	3421L
CFDL3507M	178	807	FD1	39	3432L
CFDL3510M	178	911	FD1	47	3524L
CFDL3514M	178	1,024	FD1	51	3532L
CFDL3516TM	178	1,298	FD1	53	3535L
CFM3036A	170	566	HV3	25	3418M
CFM3046A	170	614	HV3	33	3428M
CFM3136A	170	586	HV3	28	3516M
CFM3146A	170	633	HV3	33	3520M
CFM3156A	170	722	HV3	38	3522M
CFM3166A	170	785	HV3	48	3534M
CFSWDL3503	75	1,381	WDF	33	3516L
CFSWDL3504	75	1,480	WDF	41	3524L
CFSWDL3506	75	1,529	WDF	33	3516L
CFSWDL3507	75	1,619	WDF	47	3532L
CFSWDL3509	75	1,632	WDF	41	3524L
CFSWDL3510	75	1,741	WDF	63	3540L
CFSWDM3537-5E	77	1,649	WDF	35	3516M
CFSWDM3537-E	76	1,624	WDF	35	3516M
CFSWDM3538-5E	77	1,673	WDF	35	3516M
CFSWDM3538-E	76	1,648	WDF	38	3516M
CFSWDM3539-E	76	1,980	WDF	37	3522M
CFSWDM3541-E	76	1,678	WDF	41	3520M
CFSWDM3542-5E	77	1,729	WDF	41	3522M
CFSWDM3542-E	76	1,704	WDF	37	3522M
CFSWDM3543-E	76	2,035	WDF	45	3530M
CFSWDM3545-E	76	1,762	WDF	38	3520M
CFSWDM3546-5E	77	1,805	WDF	41	3522M
CFSWDM3546-E	76	1,780	WDF	37	3522M
CFSWDM3546T-5E	77	1,819	WDF	43	3522M
CFSWDM3546T-E	76	1,794	WDF	37	3522M
CFSWDM3550-E	76	1,863	WDF	50	3532M
CFSWDM3550T-E	76	1,878	WDF	50	3532M
CFSWDM3554-5E	77	1,927	WDF	45	3528M
CFSWDM3554-E	76	1,902	WDF	45	3528M
CFSWDM3554T-5E	77	1,978	WDF	45	3528M
CFSWDM3554T-E	76	1,953	WDF	48	3528M
CFSWDM3555-E	76	2,199	WDF	50	3532M
CFSWDM3555T-E	76	2,213	WDF	50	3532M
CFSWDM3556-E	76	2,104	WDF	45	3534M
CFSWDM3558-5E	77	2,198	WDF	45	3528M

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CFSWDM3558-E	76	2,198	WDF	45	3528M
CFSWDM3558T-5E	77	2,264	WDF	45	3528M
CFSWDM3558T-E	76	2,239	WDF	45	3528M
CFSWDM3559-E	76	2,496	WDF	61	3546M
CFSWDM3559T-5E	77	2,633	WDF	61	3546M
CFSWDM3559T-E	76	2,608	WDF	61	3546M
CFSWDM3607T-E	76	2,332	WDF	90	3640M
CFSWDM3611T-5E	77	2,752	WDF	86	3636M
CFSWDM3611T-E	76	2,688	WDF	83	3636M
CFSWDM3613T-5E	77	2,910	WDF	84	3634M
CFSWDM3613T-E	77	2,846	WDF	84	3634M
CFSWDM3614T-E	76	2,589	WDF	101	3646M
CFSWDM3615T-5E	77	2,931	WDF	101	3646M
CFSWDM3615T-E	77	2,867	WDF	101	3646M
CFSWDM3704T-E	76	3,411	WDF	158	3748M
CFSWDM3708T-E	77	4,040	WDF	179	3756M
CFSWDM3709T-5E	77	3,570	WDF	131	3734M
CFSWDM3709T-E	77	3,570	WDF	129	3734M
CFSWDM3710T-5E	77	3,644	WDF	139	3740M
CFSWDM3710T-E	77	3,644	WDF	136	3740M
CFSWDM3711T-5E	77	4,048	WDF	154	3744M
CFSWDM3711T-E	77	4,048	WDF	149	3744M
CFSWDM3713T-E	77	6,071	WDF	188	3756M
CFSWDM3714T-5E	77	4,290	WDF	187	3756M
CFSWDM3714T-E	77	4,290	WDF	187	3756M
CFSWDM22976T-E	77	6,936	WDF	255	3954M
CFSWDM23932T-E	77	7,885	WDF	290	3964M
CFSWDM23933T-5E	77	6,932	WDF	281	3956M
CFSWDM23933T-E	77	6,932	WDF	281	3956M
CFSWDM23934T-E	77	7,929	WDF	290	3960M
CFSWDM23994T-E	77	7,032	WDF	260	3952M
CFSWDM41900T	77	8,880	WDF	488	4072M
CFSWDM41902T	77	11,355	WDF	493	4072M
CFSWDM41903T	77	10,139	WDF	471	4068M
CFSWDM41904T	77	11,660	WDF	485	4074M
CFSWDM41906T-E	77	7,970	WDF	295	3960M
CFSWDM41907T	77	10,196	WDF	431	4056M
CFSWDM41908T	77	11,726	WDF	445	4068M
CFSWDM3554-E	76	1,839	WDF	59	3540M
CFSWDM3554T-E	76	1,890	WDF	59	3540M
CFSWDM3555-E	76	2,104	WDF	61	3546M
CFSWDM3555T-E	76	2,150	WDF	61	3546M
CFSWDM3556-E	76	2,041	WDF	64	3544M
CFSWDM3558-E	76	2,135	WDF	59	3546M
CFSWDM3558T-E	76	2,176	WDF	63	3546M
CFSWDM3610T-E	76	2,699	WDF	96	3646M
CFSWDM3611T-E	76	2,607	WDF	101	3646M
CHC144A	173	347	HV1	21	3411C
CHC164A	173	403	HV1	22	3411C
CHC244A	173	387	HV1	22	3414C
CHC264A	173	467	HV1	26	3416C
CHC345A	173	438	HV1	27	3420C
CHC365A	173	504	HV1	31	3428C
CHC445A	173	499	HV1	35	3428C
CHC545A	173	534	HV1	39	3528C
CHC565A	173	722	HV1	51	3535C
CHC3413A	185	399	FD1	22	3414C
CHC3416A	185	434	FD1	25	3418C
CHC3417A	185	543	FD1	26	3421C
CHC3504A	185	485	FD1	25	3420C
CHC3525A	185	623	FD1	40	3528C
CHC3526A	185	771	FD1	50	3535C
CHL3510A	185	525	FD1	47	3528LC
CHM164A	173	408	HV3	20	3411M
CHM264A	173	435	HV3	19	3414M
CHM344A	173	416	HV3	23	3416M
CHM345A	173	419	HV3	24	3416M
CHM364A	173	473	HV3	25	3418M
CHM365A	173	477	HV3	28	3418M
CHM465A	173	545	HV3	34	3428M
CHM545A	173	526	HV3	34	3428M
CHM565A	173	620	HV3	40	3524M
CJEWDM3545	97, 130	1,057	WDW	38	3520M
CJEWDM3550	97, 130	1,117	WDW	41	3526M
CJEWDM3555	97, 130	1,239	WDW	41	3526M
CJEWDM3559	97, 130	1,468	WDW	64	3540M
CJL1205A	127	332	PJ1	23	3416L
CJL1301A	127	497	PJ1	23	3414L
CJL1303A	127	344	PJ1	30	3420L
CJL1304A	127	562	PJ1	25	3418L
CJL1306A	127	439	PJ1	30	3424L
CJL1307A	127	644	PJ1	35	3520L
CJL1309A	127	450	PJ1	32	3428L
CJL1313A	127	624	PJ1	37	3432LC
CJL1317A	127	835	PJ1	45	3528L
CJL3501A	126	455	PJ1	23	3414L
CJL3504A	126	536	PJ1	28	3421L
CJL3507A	126	653	PJ1	35	3428LC

(1) Shipping weight (lbs.) is approximate.

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CJL3509A	126	661	PJ1	39	3524L
CJL3513A	126	726	PJ1	47	3528L
CJL3515A	126	853	PJ1	51	3535L
CJM3104	129	383	PJ3	22	3413M
CJM3107	129	351	PJ3	22	3413M
CJM3108	129	428	PJ3	24	3416M
CJM3111	129	401	PJ3	28	3416M
CJM3112	129	459	PJ3	27	3420M
CJM3115	129	448	PJ3	29	3420M
CJM3120	129	546	PJ3	31	3424M
CJM3155	129	649	PJ3	34	3430M
CJM3158	129	768	PJ3	41	3524M
CJM3538	128	475	PJ3	23	3416M
CJM3542	128	503	PJ3	25	3420M
CJWDM3463	97, 130	671	WDW	33	3514M
CL1408TM	21, 191	1,088	DPS	80	3634LC
CL1410TM	21, 191	1,312	DPS	88	3640LC
CL3403	18	391	GE1	20	3411L
CL3405	18	390	GE1	21	3413L
CL3501	18	408	GE1	23	3414L
CL3503	18	409	GE1	23	3413L
CL3504	18	477	GE1	28	3421L
CL3506	18	455	GE1	29	3424L
CL3507	18	569	GE1	34	3428LC
CL3509	18	526	GE1	36	3520L
CL3510	18	642	GE1	40	3524L
CL3513	18	681	GE1	46	3528L
CL3514	18	762	GE1	51	3532LC
CL3515	18	878	GE1	50	3535L
CL3515T	18	885	GE1	53	3535L
CL3516TM	18, 191	1,131	DPS	53	3535LC
CL3608TM	18, 191	1,594	DPS	92	3640LC
CL3612TM	18, 191	1,542	DPS	102	3646LC
CL3619TM	18, 191	1,471	DPS	81	3634LC
CL3709T	18	2,030	GE1	126	3735LC
CL3710T	18	2,055	GE1	127	3734LC
CL3711T	18	2,590	GE1	167	3744LC
CL3712T	18	2,621	GE1	171	3748LC
CM3534	27	335	GE3	21	3413M
CM3534-5	28	335	GE3	21	3413M
CM3537	27	392	GE3	20	3410M
CM3538	27	371	GE3	23	3416M
CM3538-5	28	371	GE3	23	3416M
CM3538-8	28	473	GE3	23	3416M
CM3539	27	612	GE3	23	3418M
CM3541	27	428	GE3	22	3413M
CM3542	27	394	GE3	26	3420M
CM3542-5	28	394	GE3	26	3420M
CM3543	27	624	GE3	23	3428M
CMTG50XPYIV	267	3,500	R3B	6	-
CMTG100XPYIV	267	3,500	R3B	6	-
CNDM3538	60	655	SDD	34	3512M
CNDM3542	60	681	SDD	37	3514M
CNEDM3546	60	1,004	SDD	41	3524M
CNEDM3546T	60	1,014	SDD	42	3524M
CNEDM3554T	60	1,096	SDD	48	3534M
CNM3454/35	27	524	GE3	31	3512M
CNM3457	27	385	GE3	21	3410M
CNM3531	27	666	GE3	31	3516M
CNM3538/35	27	536	GE3	28	3512M
CNM3539	27	654	GE3	40	3524M
CNM3542	27	481	GE3	31	3514M
CPX14146T	113	1,583	XSM	80	0518M
CPX14246T	113	1,649	XSM	120	0528M
CPX18326T	113	2,195	XSM	127	0618M
CPX18346T	113	1,757	XSM	127	0632M
CPX18526T	113	2,573	XSM	150	0640M
CPX18546T	113	2,086	XSM	125	0642M
CPX21126T	113	3,115	XSM	174	0730M
CPX21146T	113	3,639	XSM	252	0750M
CPX21366T	113	2,951	XSM	221	0736M
CPX21566T	113	3,275	XSM	245	0748M
CPX21726T	113	2,968	XSM	171	0732M
CPX21746T	113	2,645	XSM	228	0738M
CPX25166T	113	4,492	XSM	400	0956M
CPX25226T	113	4,816	XSM	390	X0950M
CPX25246T	113	5,346	XSM	336	X0960M
CPX25766T	113	3,736	XSM	374	0954M
CPX28266T	113	7,433	XSM	475	1056M
CPX28326T	113	7,564	XSM	495	X1046M
CPX28346T	113	7,907	XSM	461	1056M
CPX32366T	113	10,254	XSM	647	1264M
CPX32426T	113	9,422	XSM	593	1252M
CPX32446T	113	10,597	XSM	605	1254M
CPX32526T	113	12,064	XSM	648	1264M
CPX32546T	113	12,301	XSM	790	1276M
CPX36466T	113	11,884	XSM	908	A36062M
CPX36566T	113	13,413	XSM	908	A36062M

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CPX36626T	114	13,695	XSM	999	A36056M
CPX36646T	114	13,759	XSM	910	A36062M
CPX36726T	114	14,283	XSM	1,005	A36068M
CPX36746T	114	15,134	XSM	965	A36070M
CPX40146T	114	17,576	XSM	1,326	A40064M
CPX40666T	114	16,964	XSM	1,322	A40064M
CPX40766T	114	17,570	XSM	1,375	A40072M
CPX44166T	114	20,869	XSM	1,800	A44062M
CPX44246T	114	32,808	XSM	2,676	A44120M
CPX141546T	113	1,608	XSM	62	0526M
CPX251526T	113	3,522	XSM	349	0934M
CPX251546T	113	4,127	XSM	373	X0944M
CPX281566T	113	7,240	XSM	478	1046M
CPX282526T	113	6,210	XSM	445	X1038M
CPX282546T	113	6,486	XSM	506	1054M
CPX322566T	113	9,294	XSM	619	1260M
CPX441246T	114	21,217	XSM	1,669	A44076M
CPX441546T	114	23,711	XSM	1,826	A4488M
CPX442546T	114	39,370	XSM	3,027	A44160M
CSPM3546T	194	3,299	DPP	37	3520M
CSPM3558T	194	3,735	DPP	55	3530M
CSPM3611T	194	4,457	DPP	70	3544M
CSSWDM3457	83	1,054	WDS	33	3512M
CSSWDM3534	83	1,109	WDS	33	3512M
CSSWDM3537	83	1,245	WDS	36	3512M
CSSWDM3537-H	83	1,245	WDS	37	3516M
CSSWDM3538	83	1,336	WDS	37	3512M
CSSWDM3538-5	84	1,336	WDS	37	3512M
CSSWDM3538-H	83	1,336	WDS	33	3516M
CSSWDM3539-H	83	1,441	WDS	37	3524M
CSSWDM3541	83	1,287	WDS	43	3518M
CSSWDM3541-H	83	1,287	WDS	34	3520M
CSSWDM3542	83	1,383	WDS	42	3518M
CSSWDM3542-5	84	1,383	WDS	41	3518M
CSSWDM3542-H	83	1,383	WDS	34	3518M
CSSWDM3543-H	83	1,564	WDS	51	3524M
CSWDM3537	86	731	WDP	29	3512M
CSWDM3537-5	87	731	WDP	37	3512M
CSWDM3538	86	715	WDP	27	3512M
CSWDM3538-5	87	715	WDP	33	3512M
CSWDM3539	86	1,000	WDP	38	3522M
CSWDM3541	86	767	WDP	36	3518M
CSWDM3541-5	87	767	WDP	39	3518M
CSWDM3542	86	825	WDP	30	3514M
CSWDM3542-5	87	825	WDP	30	3514M
CSWDM3543	86	1,207	WDP	47	3530M
CTM1760T	168	3,455	HV3	210	0748M
CTM1761T	168	4,381	HV3	290	0940M
CTM1762T	168	5,293	HV3	299	0944M
CTM1763T	168	6,158	HV3	342	1040M
CTM1764T	168	7,069	HV3	333	1050M
CTM1765T	168	9,280	HV3	619	1262M
CTM1766T	168	10,949	HV3	657	1272M
CTM1767T	168	15,857	HV3	836	A36052M
CTM2276T	167	2,025	HV3	179	0756M
CTM2332T	167	2,254	HV3	275	0946M
CTM2333T	167	2,472	HV3	236	0756M
CTM2334T	167	2,756	HV3	245	0760M
CTM3665T	167	1,095	HV3	100	0634M
CTM3768T	167	1,660	HV3	206	0736M
CTM3770T	167	1,458	HV3	164	0730M
CTM3774T	167	1,861	HV3	170	0736M
CTM4103T	167	3,341	HV3	343	0956M
CTM4104T	167	4,010	HV3	363	0964M
CTM4110T	167	5,334	HV3	529	1248M
CUHL3518	195	490	UH1	37	3520L
CUHL3519	195	597	UH1	44	3524L
CUHM3538	195	420	UH3	27	3512M
CUHM3542	195	444	UH3	31	3514M
CWDL3504	89	651	WDW	35	3520L
CWDL3507	89	758	WDW	36	3520L
CWDL3509	89	710	WDW	37	3520L
CWDL3510	89	871	WDW	41	3524L
CWDL3513	89	877	WDW	41	3524L
CWDL3514	89	1,043	WDW	50	3532LC
CWDM3534	91	541	WDW	33	3512M
CWDM3537	91	604	WDW	29	3512M
CWDM3537-H	91	604	WDW	37	3512M
CWDM3538	91	654	WDW	28	3512M
CWDM3538-5	94	654	WDW	26	3512M
CWDM3538-H	91	654	WDW	33	3512M
CWDM3539	91	826	WDW	37	3522M
CWDM3539-H	91	826	WDW	37	3522M
CWDM3541	91	633	WDW	35	3518M
CWDM3541-H	91	633	WDW	34	3518M
CWDM3542	91	709	WDW	29	3514M
CWDM3542-5	94	709	WDW	35	3514M
CWDM3542-H	91	709	WDW	30	3514M

(1) Shipping weight (lbs.) is approximate.

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CWDM3543	91	997	WDW	46	3530M
CWDM3543-H	91	997	WDW	45	3530M
CWDM3561TP	95	1,493	WDW	59	3540M
CWDM3561TP-5	95	1,493	WDW	59	3540M
CXL05122A	104	824	XP1	50	-
CXL05142-50	112	1,207	XP1	56	-
CXL05142A	104	1,049	XP1	49	-
CXL14222T	104	1,476	XP1	60	-
CXL18242T	104	2,162	XP1	99	-
CXL18322T	105	2,187	XP1	100	-
CXL21342	105	3,355	XP1	154	-
CXL21542	105	4,271	XP1	170	-
CXL050342A	104	827	XP1	30	-
CXL050342A-50	112	1,207	XP1	56	-
CXL050522A	104	726	XP1	35	-
CXL050542A	104	828	XP1	36	-
CXL050542A-50	112	953	XP1	45	-
CXL050742A	104	924	XP1	49	-
CXL050742A-50	112	1,063	XP1	52	-
CXL141522T	104	1,291	XP1	53	-
CXL181542	104	2,095	XP1	83	-
CXM05122	108	1,393	XPM	41	3516M
CXM05142	108	1,495	XPM	42	-
CXM05142-57	112	1,720	XPM	45	-
CXM05242	108	1,555	XPM	55	-
CXM14142T	108	1,503	XPM	45	-
CXM14222T	108	1,716	XPM	53	-
CXM14242T	108	1,563	XPM	56	-
CXM18322T	108	2,059	XPM	94	-
CXM18342T	108	1,912	XPM	97	-
CXM18522T	108	2,654	XPM	101	-
CXM18542T	108	2,211	XPM	119	3646M
CXM21122T	108	3,172	XPM	235	-
CXM21142T	108	3,649	XPM	249	-
CXM21722T	108	3,039	XPM	166	-
CXM21742T	108	2,745	XPM	161	-
CXM25222T	108	4,743	XPM	369	-
CXM25242T	108	5,498	XPM	376	-
CXM28342T	108	8,011	XPM	552	-
CXM32442T	108	10,606	XPM	699	-
CXM050342	108	747	XPM	43	-
CXM050522A	108	848	XPM	27	3410M
CXM050542	108	775	XPM	39	-
CXM050542-57	112	892	XPM	36	-
CXM050542A	108	775	XPM	30	3416M
CXM050722A	108	881	XPM	29	3413M
CXM050742	108	884	XPM	43	-
CXM050742-57	112	1,017	XPM	42	-
CXM050742A	108	884	XPM	35	3420M
CXM051542	108	1,517	XPM	50	-
CXM141522T	108	1,478	XPM	45	-
CXM141542T	108	1,525	XPM	52	-
CXM251522T	108	3,839	XPM	357	-
CXM251542T	108	4,389	XPM	376	-
CXM282542T	108	6,719	XPM	647	-
CXT3012T	45	930	XTM	53	0516M
CXT3014T	45	913	XTM	58	0524M
CXT3016T	45	1,017	XTM	56	0526M
CXT3022T	45	1,032	XTM	64	0532M
CXT3024T	45	1,055	XTM	65	0534M
CXT3026T	45	1,325	XTM	113	0642M
CXT3032T	45	1,198	XTM	99	0628M
CXT3032T-140	45	1,163	XTM	64	0532M
CXT3034T	45	1,160	XTM	105	0632M
CXT3036T	45	1,573	XTM	194	0738M
CXT3052T	45	1,355	XTM	115	0640M
CXT3054T	45	1,275	XTM	115	0642M
CXT3056T	45	1,985	XTM	203	0744M
CXT3072T	45	1,832	XTM	171	0732M
CXT3072T-180	45	1,599	XTM	123	0642M
CXT3074T	45	1,785	XTM	203	0744M
CXT3076T	45	3,001	XTM	302	0954M
CXT3102T	45	2,118	XTM	198	0738M
CXT3104T	45	2,105	XTM	231	0748M
CXT3106T	45	3,620	XTM	322	0960M
CXT3152T	45	3,021	XTM	253	0934M
CXT3152T-210	45	2,596	XTM	225	0750M
CXT3154T	45	3,025	XTM	268	0944M
CXT3156T	45	5,143	XTM	437	1046M
CXT3202T	45	3,705	XTM	229	0936M
CXT3204T	45	3,600	XTM	322	0960M
CXT3206T	45	6,147	XTM	437	1054M
CXT3252T-250	45	4,183	XTM	299	0944M
CXT3252TS	45	4,723	XTM	396	1048M
CXT3254T	45	4,470	XTM	437	1056M
CXT3256T	45	7,055	XTM	605	1260M
CXT3302TS	46	5,438	XTM	444	1048M

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CXT3304T	46	5,270	XTM	460	1056M
CXT3306T	46	8,060	XTM	630	1264M
CXT3402TS	46	7,078	XTM	587	1240M
CXT3404T	46	6,825	XTM	600	1254M
CXT3406T	46	11,198	XTM	908	A36062M
CXT3502TS	46	8,712	XTM	635	1252M
CXT3504T	46	8,425	XTM	700	1272M
CXT3506T	46	13,075	XTM	908	A36062M
CXT3602TS	46	13,022	XTM	999	A36056M
CXT3604T	46	12,115	XTM	947	A3658M
CXT3752TS	46	15,089	XTM	1,005	A36068M
CXT3754T	46	14,215	XTM	965	A36070M
CXT30152T	45	985	XTM	58	0524M
CXT30154T	45	1,035	XTM	63	0530M
CXT30156T	45	1,190	XTM	99	0630M
CXT31002TS	46	20,146	XTM	1,327	A40060M
CXT31004T-4	46	19,645	XTM	1,375	A40072M
CXT31254T-4	46	25,252	XTM	1,669	A44076M
CXT31504T-4	46	29,050	XTM	1,826	A4488M
CXT32004T-4	46	35,417	XTM	2,676	A44120M
CXT32504T-4	46	44,452	XTM	2,888	A44144M
CXT33004T-4	46	51,952	XTM	3,027	A44160M
D501	296	994	SVC	5	-
D502	296	994	SVC	2	-
D1151	254	1,708	WFC	23	3413D
D1152	254	1,755	WFC	29	3420D
D1153	254	2,066	WFC	34	3428D
D1154	254	2,375	WFC	62	3535D
D1802R	257	10,356	R3B	86	-
D1803R	257	11,284	R3B	165	-
D1815R	257	10,019	R3B	169	-
D2003R	260	11,719	R3B	161	-
D2005P	263	9,101	RSV	180	-
D2005R	260	12,484	R3B	194	-
D2007P	263	10,603	RSV	218	-
D2007R	260	12,546	R3B	210	-
D2010P	263	10,800	RSV	245	-
D2010R	260	13,926	R3B	233	-
D2010R-2	257	16,661	R3B	346	-
D2015P	263	12,088	RSV	375	-
D2015R	260	15,494	R3B	315	-
D2015R-BV	259	17,952	R3B	345	-
D2020P	263	12,736	RSV	430	-
D2020R	260	16,353	R3B	403	-
D2020R-BV	259	18,381	R3B	345	-
D2025P	263	15,694	RSV	575	-
D2025R	260	17,979	R3B	415	-
D2025R-BV	259	21,658	R3B	370	-
D2030P	263	15,694	RSV	595	-
D2030R	260	17,531	R3B	515	-
D2030R-BV	259	22,138	R3B	400	-
D2040P-BV	264	24,447	RSV	855	-
D2040R-BV	259	22,151	R3B	480	-
D2050P-BV	264	25,847	RSV	873	-
D2060P2-BV	264	31,637	RSV	980	-
D2075P2-BV	264	33,037	RSV	975	-
D2301	254	1,708	WFC	41	3513D
D2302	254	1,808	WFC	29	3420D
D2303	254	2,066	WFC	34	3428D
D2304	254	2,375	WFC	62	3535D
D2305	254	4,039	WFC	84	3636D
D2505P	265	10,460	RSV	220	-
D2505R	258	13,981	R3B	251	-
D2507P	265	12,308	RSV	300	-
D2507R	258	16,737	R3B	359	-
D2510P	265	13,875	RSV	250	-
D2510R	258	18,820	R3B	379	-
D2515P	265	17,896	RSV	630	-
D2515R	258	22,702	R3B	560	-
D2520P	265	23,569	RSV	850	-
D2520R	258	23,660	R3B	640	-
D2525P	265	24,969	RSV	872	-
D2525R	258	27,502	R3B	805	-
D5003R	260	12,713	R3B	197	-
D5005P	263	9,101	RSV	162	-
D5005R	260	12,713	R3B	194	-
D5007P	263	10,603	RSV	235	-
D5007R	260	12,807	R3B	197	-
D5010P	263	10,800	RSV	255	-
D5010R	260	13,000	R3B	227	-
D5010RS-BV	259	20,017	R3B	345	-
D5015P	263	12,088	RSV	375	-
D5015R	260	15,628	R3B	320	-
D5015R-BV	259	17,952	R3B	375	-
D5015RS-BV	259	22,829	R3B	345	-
D5020P	263	12,736	RSV	430	-
D5020R	260	17,721	R3B	372	-
D5020R-BV	259	18,381	R3B	390	-

(1) Shipping weight (lbs.) is approximate.

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D5020RS-BV	259	23,363	R3B	370	-
D5025P	263	15,694	RSV	490	-
D5025R	260	16,930	R3B	394	-
D5025R-BV	259	21,658	R3B	410	-
D5025RS-BV	259	24,227	R3B	472	-
D5030P	263	15,694	RSV	590	-
D5030R	260	17,832	R3B	520	-
D5030R-BV	259	22,138	R3B	445	-
D5030RS-BV	259	25,964	R3B	535	-
D5040P	263	21,005	RSV	784	-
D5040P-BV	264	24,447	RSV	830	-
D5040R	260	19,577	R3B	605	-
D5040R-BV	259	23,750	R3B	501	-
D5040RS-BV	259	28,162	R3B	570	-
D5050P	263	21,005	RSV	822	-
D5050P-BV	264	25,847	RSV	885	-
D5050R	260	22,710	R3B	766	-
D5050R-BV	259	25,680	R3B	520	-
D5050RS-BV	259	29,831	R3B	660	-
D5060P	263	28,164	RSV	790	-
D5060P-BV	264	31,637	RSV	880	-
D5060R	260	23,856	R3B	860	-
D5060R-BV	259	27,703	R3B	610	-
D5060RS-BV	259	31,505	R3B	860	-
D5075P	263	28,164	RSV	905	-
D5075P-BV	264	33,037	RSV	960	-
D5075R-BV	259	32,454	R3B	767	-
D5075RS-1BV	259	35,374	R3B	1,210	-
D5130R-BV	259	24,150	R3B	480	-
D5140R-BV	259	29,512	R3B	640	-
D5150R-BV	259	30,188	R3B	695	-
D5160R-BV	259	32,454	R3B	805	-
D5175R-1BV	259	33,006	R3B	1,125	-
D5505P	265	10,460	RSV	214	-
D5505R	258	15,529	R3B	340	-
D5507P	265	12,308	RSV	310	-
D5507R	258	16,737	R3B	360	-
D5510P	265	13,875	RSV	250	-
D5510R	258	18,820	R3B	405	-
D5515P	265	17,896	RSV	630	-
D5515R	258	22,702	R3B	547	-
D5520P	265	23,569	RSV	875	-
D5520R	258	23,660	R3B	640	-
D5525P	265	24,969	RSV	875	-
D5525R	258	27,502	R3B	815	-
D5530R	258	28,831	R3B	895	-
D5540R	258	33,786	R3B	1,120	-
D5550R	258	35,751	R3B	1,270	-
D50100P	263	37,985	RSV	1,100	-
D50100P2-BV	264	39,958	RSV	1,145	-
D50100R-BV	259	33,006	R3B	890	-
D50100RS-BV	259	36,449	R3B	1,210	-
D50125P	263	43,687	RSV	1,445	-
D50125P2-BV	264	41,458	RSV	1,170	-
D50125R-BV	259	33,006	R3B	997	-
D50125RS-BV	259	37,556	R3B	1,290	-
D50125UR-BV	259	33,006	R3B	945	-
D50150P	263	54,469	RSV	1,785	-
D50150P2-BV	264	50,510	RSV	1,519	-
D50150RE-BV	259	34,334	R3B	1,197	-
D50150RS-BV	259	47,174	R3B	1,630	-
D50150URE-BV	259	34,875	R3B	1,197	-
D50200P	263	65,961	RSV	2,095	-
D50200P2-BV	264	59,181	RSV	1,830	-
D50200RR-BV	259	38,429	R3B	1,475	-
D50200RS-BV	259	49,935	R3B	1,905	-
D50250P	263	78,440	RSV	2,540	-
D50250P2-BV	264	69,450	RSV	2,175	-
D50250RR-BV	260	46,389	R3B	1,891	-
D50250RS-BV	260	71,462	R3B	2,310	-
D50300P2-BV	264	79,928	RSV	2,629	-
D50300R-BV	260	48,326	R3B	2,190	-
D50300RS-BV	260	83,159	R3B	2,815	-
D50400P2-BV	264	99,298	RSV	3,285	-
D50400R-BV	260	83,159	R3B	3,040	-
D50400RS-BV	260	85,172	R3B	3,040	-
D50500P2-BV	264	122,295	RSV	4,170	-
D50500R-BV	260	105,971	R3B	3,480	-
D51100RB-1BV	259	37,982	R3B	1,475	-
D51125RR-BV	259	39,583	R3B	1,475	-
D51200R-1BV	259	69,329	R3B	1,850	-
D51250R-BV	260	81,353	R3B	2,735	-
D51300R-BV	260	84,181	R3B	3,015	-
D51400R-BV	260	105,589	R3B	3,830	-
D51500R-BV	260	119,919	R3B	4,560	-
DA1	299	80	SVC	1	-
DC7	299	1,464	SVC	60	-
DC8	299	1,464	SVC	62	-

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DC10	299	1,464	SVC	60	-
DC12	299	1,591	SVC	62	-
DC12-3	299	1,591	SVC	57	-
DC14-3	299	2,596	SVC	73	-
DEL3733TM	185	3,104	FD1	162	3750LC
DEL3737TM	185	3,791	FD1	160	3750LC
DM3538	60	626	SDD	27	3420M
DM3542	60	654	SDD	30	3428M
DMG2305	265	10,670	RSV	220	-
DMG2307	265	10,882	RSV	245	-
DMG2310	265	11,177	RSV	250	-
DMG2315	265	16,097	RSV	250	-
DMG2320	265	17,822	RSV	595	-
DMG2325	265	19,269	RSV	820	-
DMG2333	265	24,435	RSV	840	-
DMG2340	265	26,785	RSV	910	-
DRX14124T	115	1,397	XDM	41	3516M
DRX14124T-5	118	1,397	XDM	38	3516M
DRX14144T	115	1,497	XDM	50	3520M
DRX14144T-5	118	1,497	XDM	50	3520M
DRX14164T	115	1,884	XDM	49	3526M
DRX14224T	115	1,726	XDM	55	3526M
DRX14224T-5	118	1,726	XDM	55	3526M
DRX14244T	115	1,559	XDM	59	3528M
DRX14244T-5	118	1,559	XDM	59	3528M
DRX18264T	115	2,455	XDM	152	0642M
DRX18324T	115	2,075	XDM	150	0618M
DRX18324T-5	118	2,075	XDM	127	0618M
DRX18344T	115	1,661	XDM	111	0632M
DRX18344T-5	118	1,661	XDM	111	0632M
DRX18524T	115	2,433	XDM	122	0640M
DRX18524T-5	118	2,433	XDM	122	0640M
DRX18544T	115	1,972	XDM	152	0642M
DRX18544T-5	118	1,972	XDM	123	0642M
DRX21124T	115	2,945	XDM	174	0730M
DRX21124T-5	118	2,945	XDM	235	0742M
DRX21144T	115	3,441	XDM	252	0750M
DRX21144T-5	118	3,441	XDM	252	0750M
DRX21364T	115	2,774	XDM	200	0736M
DRX21564T	115	3,079	XDM	245	0748M
DRX21724T	115	2,806	XDM	184	0726M
DRX21724T-5	118	2,806	XDM	184	0726M
DRX21744T	115	2,501	XDM	193	0738M
DRX21744T-5	118	2,501	XDM	228	0738M
DRX25164T	115	4,247	XDM	400	0956M
DRX25224T	115	4,390	XDM	317	0950M
DRX25224T-5	118	4,390	XDM	315	0950M
DRX25244T	115	5,055	XDM	336	0960M
DRX25244T-5	118	5,055	XDM	335	0960M
DRX25764T	115	5,352	XDM	374	0954M
DRX28264T	115	7,028	XDM	475	1056M
DRX28324T	115	6,879	XDM	495	1046M
DRX28324T-5	118	6,879	XDM	495	1046M
DRX28344T	115	7,476	XDM	461	1056M
DRX28344T-5	118	7,476	XDM	518	1056M
DRX32364T	115	9,695	XDM	766	1264M
DRX32424T	115	8,908	XDM	745	1252M
DRX32424T-5	118	8,908	XDM	593	1252M
DRX32444T	115	10,019	XDM	720	1254M
DRX32444T-5	118	10,019	XDM	601	1254M
DRX32524T	115	11,406	XDM	766	1264M
DRX32524T-5	118	11,406	XDM	649	1264M
DRX32544T	115	11,630	XDM	790	1276M
DRX32544T-5	118	11,630	XDM	782	1276M
DRX36464T	115	11,668	XDM	908	A36062M
DRX36564T	115	13,169	XDM	908	A36062M
DRX36624T	116	13,422	XDM	999	A36056M
DRX36644T	116	13,509	XDM	910	A36062M
DRX36644T-5	118	13,509	XDM	965	A3670M
DRX36724T	116	13,998	XDM	1,005	A36068M
DRX36744T	116	14,832	XDM	966	A36070M
DRX36744T-5	118	14,832	XDM	965	A36070M
DRX40144T	116	17,225	XDM	1,326	A40064M
DRX40144T-5	118	17,225	XDM	1,326	A40064M
DRX40664T	116	16,625	XDM	1,322	A40064M
DRX40764T	116	17,219	XDM	1,322	A40064M
DRX44164T	116	20,452	XDM	1,800	A44062M
DRX44244T	116	32,152	XDM	2,676	A44120M
DRX141524T	115	1,477	XDM	47	3520M
DRX141544T	115	1,520	XDM	50	3526M
DRX181564T	115	2,254	XDM	149	0630M
DRX251524T	115	3,330	XDM	349	0934M
DRX251524T-5	118	3,330	XDM	349	0934M
DRX251544T	115	3,902	XDM	373	0944M
DRX251544T-5	118	3,902	XDM	303	0944M
DRX281564T	115	6,845	XDM	478	1046M
DRX282524T	115	5,762	XDM	445	1038M

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DRX282524T-5	118	5,762	XDM	525	1048M
DRX282544T	115	6,132	XDM	448	1054M
DRX282544T-5	118	6,132	XDM	506	1054M
DRX322564T	115	8,787	XDM	741	1260M
DRX441244T	116	20,793	XDM	1,669	A44076M
DRX441264T	116	22,359	XDM	1,913	A44076M
DRX441544T	116	23,237	XDM	1,826	A4488M
EBM2333T	199	6,810	BE3	337	0944M
EBM2334T	199	8,836	BE3	398	0960M
EBM2334TY	201	8,836	BE3	263	0960M
EBM2353TY	201	6,211	BE3	286	0944M
EBM2354TY	201	7,906	BE3	328	0960M
EBM2513T	203	5,537	BO3	252	3948M
EBM3116T	203	1,381	BO3	49	3524M
EBM3154T	203	1,533	BO3	48	3522M
EBM3157T	203	1,749	BO3	51	3526M
EBM3211T	203	2,146	BO3	83	3630M
EBM3218T	203	2,652	BO3	104	3640M
EBM3218T-DI	202	2,652	BO3	122	3640M
EBM3248T	203	2,279	BO3	104	3640M
EBM3311T	203	3,333	BO3	149	3734M
EBM3313T	203	4,180	BO3	159	3742M
EBM3546	199	1,575	BE3	44	3520M
EBM3546-S	198	1,334	UH3	51	3520M
EBM3546T	199	1,607	BE3	46	3520M
EBM3546T-S	198	1,344	UH3	51	3520M
EBM3554T	199	1,809	BE3	52	3526M
EBM3554T-S	198	1,458	UH3	54	3526M
EBM3554TY	201	1,653	BE3	48	3526M
EBM3554Y	201	1,653	BE3	48	3526M
EBM3556TY	201	1,679	BE3	48	3526M
EBM3558T	199	1,899	BE3	57	3528M
EBM3558T-D	197	1,680	UH3	61	3528M
EBM3558T-S	198	1,506	UH3	58	3528M
EBM3558TY	201	1,701	BE3	52	3528M
EBM3558Y	201	1,701	BE3	52	3528M
EBM3603Y	201	1,733	BE3	44	3520M
EBM3606Y	201	1,843	BE3	48	3526M
EBM3609Y	201	1,896	BE3	52	3528M
EBM3611T	199	2,395	BE3	89	3632M
EBM3611T-D	197	2,176	UH3	104	3628M
EBM3611T-S	198	1,776	UH3	83	3632M
EBM3611TY	201	1,871	BE3	77	3632M
EBM3614TY	201	2,022	BE3	104	3644M
EBM3615T	199	2,904	BE3	106	3642M
EBM3615T-D	197	2,631	UH3	117	3642M
EBM3615T-DI	202	3,122	BE3	125	3642M
EBM3615T-S	198	2,078	UH3	106	3642M
EBM3615TY	201	2,205	BE3	101	3642M
EBM3615TY-DI	202	2,371	BE3	125	3642M
EBM3635TY	201	1,901	BE3	100	3642M
EBM3703Y	201	2,946	BE3	77	3632M
EBM3704TY	201	4,060	BE3	154	3738M
EBM3704TY-DI	202	4,365	BE3	140	3738M
EBM3707Y	201	3,539	BE3	100	3644M
EBM3707Y-DI	202	3,805	BE3	127	3644M
EBM3710T	199	3,830	BE3	158	3738M
EBM3710T-D	197	3,538	UH3	170	3738M
EBM3710TY	201	4,036	BE3	149	3736M
EBM3710TY-DI	202	4,339	BE3	157	3736M
EBM3714T	199	4,814	BE3	165	3752M
EBM3714T-D	197	4,354	UH3	165	3752M
EBM3714TY	201	4,414	BE3	183	3752M
EBM3714TY-DI	202	4,746	BE3	195	3752M
EBM3730TY	201	3,341	BE3	146	3736M
EBM3730TY-DI	202	3,592	BE3	157	3736M
EBM3734TY	201	4,212	BE3	187	3752M
EBM3734TY-DI	202	4,528	BE3	195	3752M
EBM4103T	199	11,162	BE3	516	1054M
EBM4103TY	201	11,162	BE3	448	1054M
EBM4104T	199	12,587	BE3	667	1056M
EBM4104TY	201	12,495	BE3	565	1056M
EBNM3546-D	197	1,456	UH3	51	3524M
EBNM3546T-D	197	1,456	UH3	51	3524M
EBNM3554T-D	197	1,573	UH3	62	3534M
ECP2276T	48	2,858	SDM	335	0954M
ECP2276T-4	48	2,858	SDM	337	0954M
ECP2276T-5	50	2,858	SDM	333	0954M
ECP2280T-4	47	4,385	SDM	327	0952M
ECP2294T	48	2,922	SDM	300	0930M
ECP2332T	48	3,713	SDM	348	0960M
ECP2332T-4	48	3,713	SDM	347	0960M
ECP2332T-5	50	3,713	SDM	347	0960M
ECP2333T	48	2,745	SDM	314	0944M
ECP2333T-4	48	2,745	SDM	294	0944M
ECP2333T-5	50	2,745	SDM	297	0944M
ECP2334T	48	2,944	SDM	334	0960M

Catalog Number	Page Number	List Price	Disc. Sym.	Ship Wgt ⁽¹⁾	Type Code
ECP2334T-4	48	2,944	SDM	333	0960M
ECP2334T-5	50	2,944	SDM	325	0960M
ECP2394T-4	48	2,922	SDM	297	0934M
ECP2394T-5	50	2,922	SDM	239	0934M
ECP2395T-4	48	7,807	SDM	479	1060M
ECP2401T-4	48	5,014	SDM	347	0960M
ECP2402T-4	48	5,849	SDM	468	1046M
ECP3580T	47	950	SDM	59	0516M
ECP3580T-4	47	950	SDM	59	0516M
ECP3580T-5	50	950	SDM	61	0516M
ECP3581T	47	1,044	SDM	64	0524M
ECP3581T-4	47	1,044	SDM	61	0524M
ECP3581T-5	50	1,044	SDM	65	0524M
ECP3582T	47	1,153	SDM	68	0526M
ECP3582T-4	47	1,153	SDM	69	0526M
ECP3583T	47	1,080	SDM	67	0524M
ECP3583T-4	47	1,080	SDM	67	0524M
ECP3584T	47	1,063	SDM	69	0530M
ECP3584T-4	47	1,063	SDM	72	0530M
ECP3584T-5	50	1,063	SDM	71	0530M
ECP3586T	47	1,130	SDM	74	0532M
ECP3586T-4	47	1,130	SDM	74	0532M
ECP3587T	47	1,110	SDM	75	0534M
ECP3587T-4	47	1,110	SDM	73	0534M
ECP3587T-5	50	1,110	SDM	75	0534M
ECP3660T	47	1,336	SDM	104	0628M
ECP3660T-4	47	1,336	SDM	106	0628M
ECP3660T-5	50	1,336	SDM	107	0628M
ECP3661T	47	1,404	SDM	110	0632M
ECP3661T-4	47	1,404	SDM	112	0632M
ECP3661T-5	50	1,404	SDM	113	0632M
ECP3663T	47	1,644	SDM	114	0632M
ECP3663T-4	47	1,644	SDM	111	0634M
ECP3663T-5	50	1,644	SDM	111	0634M
ECP3664T	47	1,366	SDM	122	0642M
ECP3664T-4	47	1,366	SDM	120	0642M
ECP3665T	47	1,429	SDM	118	0642M
ECP3665T-4	47	1,429	SDM	119	0642M
ECP3665T-5	50	1,429	SDM	118	0642M
ECP3667T	47	1,349	SDM	108	0630M
ECP3667T-4	47	1,349	SDM	108	0630M
ECP3668T-4	47	2,015	SDM	110	0634M
ECP3687T-4	47	1,619	SDM	103	0628M
ECP3764T	47	1,971	SDM	185	0738M
ECP3764T-4	47	1,971	SDM	209	0736M
ECP3764T-5	50	1,971	SDM	211	0738M
ECP3768T	47	1,998	SDM	212	0748M
ECP3768T-4	47	1,998	SDM	227	0748M
ECP3768T-5	50	1,998	SDM	196	0748M
ECP3769T	48	2,145	SDM	169	0732M
ECP3769T-4	48	2,145	SDM	173	0732M
ECP3769T-5	50	2,145	SDM	169	0732M
ECP3770T	48	1,799	SDM	170	0738M
ECP3770T-4	48	1,799	SDM	170	0738M
ECP3770T-5	50	1,799	SDM	170	0738M
ECP3771T	48	2,284	SDM	203	0742M
ECP3771T-4	48	2,284	SDM	215	0742M
ECP3771T-5	50	2,284	SDM	182	0742M
ECP3772T-4	47	2,541	SDM	179	0732M
ECP3774T	48	2,154	SDM	231	0748M
ECP3774T-4	48	2,154	SDM	211	0748M
ECP3774T-5	50	2,154	SDM	231	0748M
ECP3775T-4	47	2,755	SDM	203	0744M
ECP4100T	48	4,257	SDM	449	1046M
ECP4100T-4	48	4,257	SDM	448	1046M
ECP4100T-5	50	4,257	SDM	446	1046M
ECP4102T	48	5,784	SDM	437	1054M
ECP4102T-4	48	5,784	SDM	437	1054M
ECP4102T-5	50	5,784	SDM	478	1062M
ECP4103T	48	3,852	SDM	431	1056M
ECP4103T-4	48	3,852	SDM	435	1056M
ECP4103T-5	50	3,852	SDM	424	1056M
ECP4104T	48	4,574	SDM	475	1056M
ECP4104T-4	48	4,574	SDM	470	1056M
ECP4104T-5	50	4,574	SDM	467	1060M
ECP4106T	48	3,408	SDM	324	0944M
ECP4106T-4	48	3,408	SDM	328	0944M
ECP4106T-5	50	3,408	SDM	310	0954M
ECP4107T	48	4,096	SDM	396	1048M
ECP4107T-4	48	4,096	SDM	410	1048M
ECP4108T	48	4,993	SDM	440	1048M
ECP4108T-4	48	4,993	SDM	424	1048M
ECP4109T	48	6,859	SDM	552	1240M
ECP4109T-4	48	6,859	SDM	566	1244M
ECP4110T	48	5,984	SDM	618	1254M
ECP4110T-4	48	5,984	SDM	626	1254M
ECP4110T-5	50	5,984	SDM	623	1260M

(1) Shipping weight (lbs.) is approximate.

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Catalog Number	Page Number	List Price	Disc. Sym.	Ship Wgt ⁽¹⁾	Type Code
ECP4111T	48	6,044	SDM	604	1260M
ECP4111T-4	48	6,044	SDM	608	1260M
ECP4111T-5	50	6,044	SDM	612	1260M
ECP4112T-4	48	8,900	SDM	600	1256M
ECP4113T-4	48	11,752	SDM	813	A36050M
ECP4114T	48	7,188	SDM	619	1252M
ECP4114T-4	48	7,188	SDM	610	1252M
ECP4115T	48	7,024	SDM	641	1272M
ECP4115T-4	48	7,024	SDM	668	1272M
ECP4115T-5	50	7,024	SDM	652	1272M
ECP4117T	48	7,791	SDM	621	1264M
ECP4117T-4	48	7,791	SDM	633	1264M
ECP4117T-5	50	7,791	SDM	630	1268M
ECP4124T-4	48	11,114	SDM	598	1256M
ECP4308T	48	9,522	SDM	918	A3662M
ECP4308T-4	48	9,522	SDM	889	A3662M
ECP4308T-5	50	9,710	SDM	910	A36062M
ECP4310T	48	10,140	SDM	929	A3656M
ECP4310T-4	48	10,140	SDM	882	A3656M
ECP4312T	48	11,275	SDM	928	A3662M
ECP4312T-4	48	11,275	SDM	920	A3662M
ECP4313T	49	11,615	SDM	1,004	A3668M
ECP4313T-4	49	11,615	SDM	990	A3668M
ECP4313T-5	50	11,661	SDM	1,005	A36068M
ECP4314T	48	10,027	SDM	933	A3658M
ECP4314T-4	48	10,027	SDM	941	A3658M
ECP4314T-5	50	10,027	SDM	936	A3658M
ECP4315T-4	48	13,513	SDM	813	A36062M
ECP4316T	49	11,537	SDM	958	A3670M
ECP4316T-4	49	11,537	SDM	962	A3670M
ECP4316T-5	50	11,537	SDM	966	A3670M
ECP4316TR-4	49	12,162	SDM	965	A36070M
ECP4400T-4	49	14,439	SDM	1,296	A40072M
ECP4400T-5	50	14,439	SDM	1,305	A40064M
ECP4400TR-4	49	15,153	SDM	1,326	A40064M
ECP4400TS-4	49	14,439	SDM	1,304	A40064M
ECP4402T	49	14,657	SDM	1,283	A40060M
ECP4402T-4	49	14,657	SDM	1,272	A40060M
ECP4403T	48	14,128	SDM	1,281	A40064M
ECP4403T-4	48	14,128	SDM	1,331	A40064M
ECP4403TR-4	48	14,842	SDM	1,375	A40072M
ECP4404T	49	17,194	SDM	1,275	A40064M
ECP4404T-4	49	17,194	SDM	1,334	A40064M
ECP4404T-5	50	17,194	SDM	1,322	A40064M
ECP4404TR-4	49	17,908	SDM	1,334	A4072M
ECP4406T-4	49	19,997	SDM	2,190	A4488M
ECP4406T-5	50	19,997	SDM	2,175	A4488M
ECP4406TR-4	49	21,225	SDM	2,190	A4488M
ECP4407T-4	49	24,056	SDM	2,545	A44120M
ECP4407T-5	50	24,056	SDM	2,570	A44120M
ECP4407TR-4	49	25,282	SDM	2,621	A44120M
ECP4407TS-4	49	24,056	SDM	2,573	A44120M
ECP4408T-4	49	30,527	SDM	2,981	A44144M
ECP4408T-5	50	30,527	SDM	3,027	A44160M
ECP4408TR-4	49	31,753	SDM	2,995	A44144M
ECP4409T-4	49	18,912	SDM	1,871	A44064M
ECP4409TR-4	49	20,140	SDM	1,871	A44064M
ECP4410T-4	49	17,070	SDM	1,950	A44076M
ECP4410T-5	50	17,070	SDM	2,054	A44076M
ECP4410TR-4	49	18,298	SDM	1,950	A44076M
ECP4411T-4	49	21,365	SDM	2,146	A44090M
ECP4411T-5	50	21,365	SDM	1,913	A44076M
ECP4411TR-4	49	22,593	SDM	2,146	A44090M
ECP4412T	49	17,223	SDM	1,957	A4468M
ECP4412T-4	49	17,223	SDM	1,901	A4468M
ECP4413T-4	49	20,191	SDM	2,017	A4478M
ECP4416T-4	49	23,908	SDM	2,436	A44104M
ECP4417T-4	48	16,652	SDM	1,216	A40060M
ECP4418T-4	48	19,529	SDM	1,216	A40060M
ECP4419T-4	49	24,111	SDM	1,815	A44072M
ECP4420T-4	49	28,143	SDM	1,905	A44060M
ECP4421T-4	49	30,823	SDM	2,330	A44104M
ECP4422T-4	49	35,415	SDM	3,051	A44120M
ECP4423T-4	49	44,951	SDM	3,179	A44144M
ECP44156T-4	49	24,088	SDM	2,546	A44120M
ECP44156TR-4	49	25,315	SDM	2,585	A44120M
ECP44206T-4	49	31,553	SDM	3,104	A44160M
ECP44206TR-4	49	32,779	SDM	3,091	A44160M
ECP44252T-4	49	36,560	SDM	2,633	A44112M
ECP44256T-4	49	44,018	SDM	3,090	A44160M
ECP44256TR-4	49	45,244	SDM	3,093	A44160M
ECP44302T-4	49	53,433	SDM	2,789	A44128M
ECP44304T-4	49	42,075	SDM	3,061	A44152M
ECP44304T-5	50	42,075	SDM	3,150	A44160M
ECP44304TR-4	49	43,302	SDM	3,048	A44152M
ECP44352T-4	49	64,135	SDM	2,965	A44144M
ECP44402T-4	49	75,034	SDM	3,700	A44208M

Catalog Number	Page Number	List Price	Disc. Sym.	Ship Wgt ⁽¹⁾	Type Code
ECP49258T-4	49	54,429	SDM	3,430	A44176M
ECP49306T-4	49	50,521	SDM	3,125	A44208M
ECP49308T-4	49	65,528	SDM	4,089	A44208M
ECP49354T-4	49	50,488	SDM	3,543	A44176M
ECP49354T-5	50	50,488	SDM	3,680	A44208M
ECP49404T-4	49	63,060	SDM	3,682	A44208M
ECP49404T-5	50	63,060	SDM	3,702	A44208M
ECP49454T-4	50	69,366	SDM	3,680	A44208M
ECP62333TR-4	58	3,372	SD6	324	0944M
ECP62334TR-4	58	3,617	SD6	355	0964M
ECP63665T-4	58	1,570	SD6	128	0642M
ECP63770TR-4	58	2,248	SD6	195	0740M
ECP63774TR-4	58	2,611	SD6	231	0748M
ECP64103TR-4	58	4,676	SD6	461	1056M
ECP64104TR-4	58	5,426	SD6	487	1060M
ECP64110TR-4	58	7,198	SD6	600	1260M
ECP64115TR-4	58	8,354	SD6	687	1272M
ECP64314TR-4	58	11,280	SD6	936	A3658M
ECP64316TR-4	58	12,790	SD6	976	A3670M
ECP82276T-4	53	3,195	SD8	343	0954M
ECP82276T-5	54	3,352	SD8	348	0954M
ECP82332T-4	53	4,079	SD8	359	0960M
ECP82332T-5	54	4,079	SD8	357	0960M
ECP82333T-4	53	3,015	SD8	322	0944M
ECP82333T-5	54	3,015	SD8	318	0944M
ECP82334T-4	53	3,260	SD8	350	0964M
ECP82334T-5	54	3,260	SD8	361	0964M
ECP82394T-4	53	3,264	SD8	308	0934M
ECP82394T-5	54	3,264	SD8	305	0934M
ECP83580T-4	53	1,043	SD8	60	0514M
ECP83580T-5	54	1,043	SD8	63	0516M
ECP83581T-4	53	1,145	SD8	69	0522M
ECP83581T-5	54	1,145	SD8	67	0524M
ECP83582T-4	53	1,228	SD8	69	0526M
ECP83582T-5	54	1,228	SD8	69	0526M
ECP83583T-4	53	1,120	SD8	69	0524M
ECP83583T-5	54	1,120	SD8	71	0524M
ECP83584T-4	53	1,165	SD8	73	0528M
ECP83584T-5	54	1,165	SD8	73	0530M
ECP83586T-4	53	1,229	SD8	78	0526M
ECP83586T-5	54	1,161	SD8	79	0526M
ECP83587T-4	53	1,217	SD8	78	0532M
ECP83587T-5	54	1,217	SD8	77	0534M
ECP83660T-4	53	1,465	SD8	116	0630M
ECP83660T-5	54	1,465	SD8	116	0632M
ECP83661T-4	53	1,541	SD8	116	0632M
ECP83661T-5	54	1,541	SD8	118	0632M
ECP83663T-4	53	1,805	SD8	132	0642M
ECP83663T-5	54	1,805	SD8	130	0642M
ECP83664T-4	53	1,537	SD8	130	0642M
ECP83664T-5	54	1,537	SD8	128	0642M
ECP83665T-4	53	1,570	SD8	127	0642M
ECP83665T-5	54	1,570	SD8	127	0642M
ECP83667T-4	53	1,414	SD8	114	0630M
ECP83667T-5	54	1,414	SD8	105	0630M
ECP83764T-4	53	2,143	SD8	165	0736M
ECP83764T-5	54	2,143	SD8	211	0736M
ECP83768T-4	53	2,215	SD8	193	0748M
ECP83768T-5	54	2,215	SD8	226	0748M
ECP83769T-4	53	2,356	SD8	179	0730M
ECP83769T-5	54	2,356	SD8	179	0732M
ECP83770T-4	53	1,978	SD8	199	0740M
ECP83770T-5	54	1,978	SD8	199	0740M
ECP83771T-4	53	2,508	SD8	225	0742M
ECP83771T-5	54	2,508	SD8	225	0742M
ECP83774T-4	53	2,342	SD8	231	0748M
ECP83774T-5	54	2,342	SD8	231	0748M
ECP84100T-4	53	4,712	SD8	447	1054M
ECP84100T-5	54	4,712	SD8	445	1054M
ECP84102T-4	53	6,350	SD8	442	1056M
ECP84102T-5	54	6,350	SD8	443	1056M
ECP84103T-4	53	4,228	SD8	441	1056M
ECP84103T-5	55	4,228	SD8	345	1056M
ECP84104T-4	53	4,979	SD8	545	1060M
ECP84104T-5	55	4,979	SD8	489	1060M
ECP84106T-4	53	3,742	SD8	328	0952M
ECP84106T-5	54	3,742	SD8	324	0954M
ECP84107T-4	53	4,575	SD8	360	1048M
ECP84107T-5	55	4,575	SD8	429	1048M
ECP84108T-4	53	5,480	SD8	442	1048M
ECP84108T-5	55	5,480	SD8	422	1048M
ECP84109T-4	53	7,498	SD8	626	1256M
ECP84109T-5	55	7,498	SD8	624	1256M
ECP84110T-4	53	6,629	SD8	629	1260M
ECP84110T-5	55	6,629	SD8	635	1260M
ECP84111T-4	53	6,692	SD8	638	1264M
ECP84111T-5	55	6,692	SD8	623	1264M

(1) Shipping weight (lbs.) is approximate.

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Catalog Number	Page Number	List Price	Disc. Sym.	Ship Wgt ⁽¹⁾	Type Code
ECP84114T-4	53	7,821	SD8	623	1266M
ECP84114T-5	55	7,821	SD8	662	1266M
ECP84115T-4	53	7,783	SD8	679	1272M
ECP84115T-5	55	7,783	SD8	653	1272M
ECP84117T-4	53	8,709	SD8	637	1268M
ECP84117T-5	55	8,709	SD8	635	1268M
ECP84308T-4	53	10,670	SD8	927	A3662M
ECP84308T-5	55	10,670	SD8	922	A3662M
ECP84310T-4	54	11,288	SD8	905	A3656M
ECP84310T-5	55	11,288	SD8	932	A3656M
ECP84312T-4	53	12,423	SD8	928	A3662M
ECP84312T-5	55	12,423	SD8	924	A3662M
ECP84313T-4	54	12,763	SD8	1,045	A3668M
ECP84313T-5	55	12,763	SD8	998	A3668M
ECP84314T-4	54	11,175	SD8	913	A3658M
ECP84314T-5	55	11,175	SD8	937	A3658M
ECP84316T-4	54	12,685	SD8	971	A3670M
ECP84316T-5	55	12,685	SD8	985	A3670M
ECP84400T-4	54	16,043	SD8	1,299	A40064M
ECP84400T-5	55	16,043	SD8	1,304	A40064M
ECP84400TR-4	54	16,757	SD8	1,326	A40064M
ECP84402T-4	54	15,341	SD8	1,277	A40060M
ECP84402T-5	55	15,341	SD8	1,287	A40060M
ECP84403T-4	54	14,718	SD8	1,271	A40064M
ECP84403T-5	55	14,718	SD8	1,275	A40064M
ECP84404T-4	54	17,827	SD8	1,327	A40064M
ECP84404T-5	55	17,827	SD8	1,283	A40064M
ECP84406T-4	54	21,521	SD8	2,184	A4488M
ECP84406T-5	55	21,521	SD8	1,886	A44078M
ECP84407T-4	54	25,892	SD8	2,617	A44120M
ECP84407T-5	55	25,892	SD8	2,606	A44120M
ECP84407TR-4	54	27,119	SD8	2,608	A44120M
ECP84407TR-5	55	27,119	SD8	2,618	A44120M
ECP84408T-4	54	33,052	SD8	2,959	A44144M
ECP84408T-5	55	33,052	SD8	2,932	A44144M
ECP84408TR-4	54	34,246	SD8	2,995	A44144M
ECP84408TR-5	55	34,246	SD8	2,732	A44144M
ECP84409T-4	54	19,609	SD8	1,940	A44064M
ECP84409T-5	55	19,609	SD8	1,885	A44062M
ECP84409TR-4	54	20,837	SD8	1,599	A44064M
ECP84410T-4	54	18,198	SD8	2,020	A44076M
ECP84410T-5	55	18,198	SD8	1,915	A44062M
ECP84410TR-4	54	19,426	SD8	1,669	A44076M
ECP84411T-4	54	22,257	SD8	2,083	A44090M
ECP84411T-5	55	22,257	SD8	2,000	A44076M
ECP84411TR-4	54	23,485	SD8	1,874	A44090M
ECP84412T-4	54	17,941	SD8	1,968	A4468M
ECP84412T-5	55	17,941	SD8	1,799	A44056M
ECP84413T-4	54	20,617	SD8	2,053	A4478M
ECP84413T-5	55	20,617	SD8	2,062	A44078M
ECP84416T-4	54	27,256	SD8	2,433	A44104M
ECP84416T-5	55	27,256	SD8	2,182	A44078M
ECP583506-PP	49	55,900	ISD	4,806	-
ECP583508-PP	49	53,900	ISD	4,806	-
ECP584004-PP	49	54,800	ISD	4,718	-
ECP584006-PP	49	56,500	ISD	4,806	-
ECP584008-PP	49	62,700	ISD	5,512	-
ECP584502-PP	50	58,600	ISD	4,415	-
ECP584504-PP	50	55,500	ISD	4,718	-
ECP584506-PP	50	59,750	ISD	4,806	-
ECP584508-PP	50	65,600	ISD	5,809	-
ECP585002-PP	50	60,060	ISD	4,415	-
ECP585004-PP	50	56,335	ISD	4,718	-
ECP585006-PP	50	60,500	ISD	4,806	-
ECP586002-PP	50	65,500	ISD	4,620	-
ECP586004-PP	50	58,300	ISD	4,718	-
ECP586502-PP	50	66,725	ISD	4,620	-
ECP586504-PP	50	61,628	ISD	4,920	-
ECP587004-PP	50	68,685	ISD	5,512	-
ECP588004-PP	50	73,990	ISD	5,809	-
ECP844156T-4	54	24,739	SD8	2,536	A44120M
ECP844156TR-4	54	25,964	SD8	2,615	A44120M
ECP844156TR-5	55	25,964	SD8	2,595	A44120M
ECP844206T-4	54	32,865	SD8	3,109	A44160M
ECP844206TR-4	54	34,092	SD8	3,108	A44160M
ECP844206TR-5	55	34,092	SD8	3,100	A44160M
ECP844252T-4	54	43,915	SD8	2,790	A44128M
ECP844252T-5	55	43,915	SD8	2,784	A44128M
ECP844256T-4	54	46,128	SD8	3,102	A44160M
ECP844256TR-4	54	48,720	SD8	3,125	A44160M
ECP844256TR-5	55	48,720	SD8	3,125	A44160M
ECP844306T-4	54	52,895	SD8	3,683	A44208M
ECP844306TR-4	54	55,539	SD8	3,683	A44208M
ECP844306TR-5	55	55,539	SD8	3,683	A44208M
ECR9054T	62	808	SDC	118	0640M
ECR9056T	62	1,395	SDC	226	0748M
ECR9074T	62	1,139	SDC	231	0748M
ECR9076T	62	2,160	SDC	320	0954M

Catalog Number	Page Number	List Price	Disc. Sym.	Ship Wgt ⁽¹⁾	Type Code
ECR9104T	62	1,396	SDC	240	0748M
ECR9106T	62	2,509	SDC	355	0962M
ECR9154T	62	1,933	SDC	286	0948M
ECR9156T	62	3,443	SDC	500	1068M
ECR9204T	62	2,303	SDC	366	0962M
ECR9206T	62	4,145	SDC	535	1072M
ECR9254T	62	2,870	SDC	380	1072M
ECR9256T	62	4,956	SDC	630	1272M
ECR9304T	62	3,375	SDC	465	1072M
ECR9306T	62	5,522	SDC	680	1272M
ECR9404T	62	4,371	SDC	645	1264M
ECR9406TR	62	10,235	SDC	918	A3668M
ECR9504T	62	5,335	SDC	700	1272M
ECR9506TR	62	11,988	SDC	930	A3668M
ECR9508TR	62	11,302	SDC	1,322	A40060M
ECR9604T	62	10,115	SDC	977	A3662M
ECR9604TR	62	10,740	SDC	977	A3662M
ECR9606TR	62	10,992	SDC	1,322	A40064M
ECR9608TR	62	12,780	SDC	1,420	A4064M
ECR9754T	62	11,625	SDC	962	A3670M
ECR9754TR	62	12,250	SDC	962	A3670M
ECR9756TR-4	62	12,615	SDC	1,422	A40064M
ECR9758TR-4	62	15,648	SDC	1,874	A44076M
ECR91004T-4	62	12,229	SDC	1,390	A40076M
ECR91004TR-4	62	12,229	SDC	1,390	A40076M
ECR91006TR-4	62	16,353	SDC	2,029	A44084M
ECR91008TR-4	62	17,450	SDC	2,129	A4490M
ECR91254T-4	62	15,444	SDC	1,964	A44078M
ECR91254TR-4	62	15,444	SDC	1,964	A44078M
ECR91256TR-4	62	18,794	SDC	1,874	A44090M
ECR91258TR-4	62	22,580	SDC	2,380	A44120M
ECR91504T-4	62	18,224	SDC	1,996	A4488M
ECR91504TR-4	62	18,224	SDC	1,996	A4488M
ECR91506TR-4	62	21,592	SDC	2,459	A44112M
ECR91508TR-4	62	25,938	SDC	2,648	A44160M
ECR92004T-4	63	22,072	SDC	2,455	A44106M
ECR92004TR-4	63	22,072	SDC	2,455	A44106M
ECR92006TR-4	63	26,293	SDC	3,125	A44128M
ECR92008TR-4	63	32,634	SDC	3,430	A44176M
ECR92504T-4	63	22,387	SDC	2,694	A44128M
ECR92504TR-4	63	22,387	SDC	2,694	A44128M
ECR92506TR-4	63	30,113	SDC	3,225	A44160M
ECR92508TR-4	63	41,194	SDC	3,390	A44208M
ECR93004T-4	63	31,370	SDC	2,888	A44144M
ECR93004TR-4	63	31,370	SDC	2,888	A44144M
ECR93006TR-4	63	39,347	SDC	3,683	A44192M
ECR93504T-4	63	34,740	SDC	3,027	A44160M
ECR93504TR-4	63	34,740	SDC	3,027	A44160M
ECR93506TR-4	63	43,718	SDC	3,683	A44208M
ECR94004T-4	63	40,396	SDC	3,875	A44192M
ECR94004TR-4	63	40,396	SDC	3,875	A44192M
ECR582506-5PPN	63	39,263	ICR	3,715	-
ECR582506-PPN	63	39,263	ICR	4,806	-
ECR582508-PP	63	50,138	ICR	4,806	-
ECR583004-5PPN	63	36,251	ICR	3,560	-
ECR583004-PPN	63	36,251	ICR	4,718	-
ECR583006-5PPN	63	46,070	ICR	4,025	-
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ECR583008-PP	63	54,394	ICR	4,806	-
ECR583504-5PPN	63	40,139	ICR	3,935	-
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ECR583506-5PPN	63	49,912	ICR	4,025	-
ECR583506-PPN	63	49,912	ICR	4,806	-
ECR583508-PP	63	59,961	ICR	4,806	-
ECR584004-5PPN	63	44,105	ICR	3,935	-
ECR584004-PPN	63	44,105	ICR	4,718	-
ECR584006-5PPN	63	54,961	ICR	4,025	-
ECR584006-PPN	63	54,961	ICR	4,806	-
ECR584504-5PPN	63	50,302	ICR	4,025	-
ECR584504-PPN	63	50,302	ICR	4,718	-
ECR584506-5PPN	63	60,161	ICR	4,820	-
ECR584506-PPN	63	60,161	ICR	4,806	-
ECR584508-PP	63	68,892	ICR	5,760	-
ECR585004-5PPN	63	51,497	ICR	4,025	-
ECR585004-PPN	63	51,497	ICR	4,718	-
ECR585006-5PPN	63	62,461	ICR	4,820	-
ECR585006-PPN	63	62,461	ICR	4,806	-
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ECR586004-PPN	63	58,797	ICR	4,718	-
ECS100A1H1DB4	228	1,753	EC3	48	3514B
ECS100A1H1DC4	229	1,753	EC3	48	3514B
ECS100A1H1DF4	228	1,725	EC3	49	3514B
ECS100A2H1DB4	228	1,753	EC3	48	3514B
ECS100A2H1DC4	229	1,753	EC3	48	3514B
ECS100A2H1DF4	228	1,725	EC3	35	3514B
ECS100A2H2DB4	228	2,032	EC3	42	3520B
ECS100A2H2DC4	229	2,032	EC3	42	3520B
ECS100A2H2DF4	228	2,004	EC3	38	3520B

(1) Shipping weight (lbs.) is approximate.

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ECS100A2H3EB4	228	2,294	EC3	85	3624B
ECS100A2H3EC4	229	2,294	EC3	85	3624B
ECS100A2H3EF4	228	2,267	EC3	66	3624B
ECS100A2H5EB4	228	2,428	EC3	98	3632B
ECS100A2H5EC4	229	2,428	EC3	98	3632B
ECS100A2H5EF4	228	2,400	EC3	76	3632B
ECS100A4H1DB4	228	1,753	EC3	48	3514B
ECS100A4H1DC4	229	1,753	EC3	48	3514B
ECS100A4H1DF4	228	1,725	EC3	35	3514B
ECS100A4H2DB4	228	1,911	EC3	42	3520B
ECS100A4H2DC4	229	1,911	EC3	42	3520B
ECS100A4H2DF4	228	1,883	EC3	38	3520B
ECS100A4H3DB4	228	2,282	EC3	51	3528B
ECS100A4H3DC4	229	2,282	EC3	51	3528B
ECS100A4H3DF4	228	2,254	EC3	46	3528B
ECS100A4H3EB4	228	2,295	EC3	85	3624B
ECS100A4H3EC4	229	2,295	EC3	85	3624B
ECS100A4H3EF4	228	2,267	EC3	66	3624B
ECS100A4H5EB4	228	2,428	EC3	98	3632B
ECS100A4H5EC4	229	2,428	EC3	98	3632B
ECS100A4H5EF4	228	2,400	EC3	76	3632B
ECS100A4H7EB4	228	3,016	EC3	151	3648B
ECS100A4H7EC4	229	3,016	EC3	151	3648B
ECS100A4H7EF4	228	2,988	EC3	101	3648B
ECS100A8H1DB4	228	1,753	EC3	48	3514B
ECS100A8H1DC4	229	1,753	EC3	48	3514B
ECS100A8H1DF4	228	1,725	EC3	35	3514B
ECS100A8H2DB4	228	2,032	EC3	42	3520B
ECS100A8H2DC4	229	2,032	EC3	42	3520B
ECS100A8H2DF4	228	2,004	EC3	38	3520B
ECS100B	231	220	SVC	1	-
ECS100L	231	100	SVC	1	-
ECS100T1H1DB4	226	1,753	EC2	48	3514B
ECS100T1H1DC4	227	1,753	EC2	48	3514B
ECS100T1H1DF4	226	1,725	EC2	35	3514B
ECS100T2H1DB4	226	1,753	EC2	48	3514B
ECS100T2H1DC4	227	1,753	EC2	48	3514B
ECS100T2H1DF4	226	1,725	EC2	35	3514B
ECS100T2H2DB4	226	2,032	EC2	42	3520B
ECS100T2H2DC4	227	2,032	EC2	42	3520B
ECS100T2H2DF4	226	2,004	EC2	41	3520B
ECS100T2H3EB4	226	2,295	EC2	85	3624B
ECS100T2H3EC4	227	2,295	EC2	85	3624B
ECS100T2H3EF4	226	2,267	EC2	66	3624B
ECS100T2H5EB4	226	2,428	EC2	98	3632B
ECS100T2H5EC4	227	2,428	EC2	98	3632B
ECS100T2H5EF4	226	2,400	EC2	77	3632B
ECS100T4H1DB4	226	1,753	EC2	48	3514B
ECS100T4H1DC4	227	1,753	EC2	48	3514B
ECS100T4H1DF4	226	1,725	EC2	35	3514B
ECS100T4H2DB4	226	1,911	EC2	42	3520B
ECS100T4H2DC4	227	1,911	EC2	42	3520B
ECS100T4H2DF4	226	1,883	EC2	41	3520B
ECS100T4H3DB4	226	2,282	EC2	51	3528B
ECS100T4H3DC4	227	2,282	EC2	51	3528B
ECS100T4H3DF4	226	2,254	EC2	47	3528B
ECS100T4H3EB4	226	2,295	EC2	85	3624B
ECS100T4H3EC4	227	2,295	EC2	85	3624B
ECS100T4H3EF4	226	2,267	EC2	66	3624B
ECS100T4H5EB4	226	2,428	EC2	98	3632B
ECS100T4H5EC4	227	2,428	EC2	98	3632B
ECS100T4H5EF4	226	2,400	EC2	77	3632B
ECS100T4H7EB4	226	3,016	EC2	151	3648B
ECS100T4H7EC4	227	3,016	EC2	151	3648B
ECS100T4H7EF4	226	2,988	EC2	106	3648B
ECS100T4H7FB4	226	3,236	EC2	167	3730B
ECS100T4H7FC4	227	3,236	EC2	167	3730B
ECS100T4H7FF4	226	3,208	EC2	111	3730B
ECS100T4H10FB4	226	3,807	EC2	131	3740B
ECS100T4H10FC4	227	3,807	EC2	131	3740B
ECS100T4H10FF4	226	3,779	EC2	132	3740B
ECS100T8H1DB4	226	1,753	EC2	48	3514B
ECS100T8H1DC4	227	1,753	EC2	48	3514B
ECS100T8H1DF4	226	1,725	EC2	35	3514B
ECS100T8H2DB4	226	2,032	EC2	42	3520B
ECS100T8H2DC4	227	2,032	EC2	42	3520B
ECS100T8H2DF4	226	2,004	EC2	41	3520B
ECS100U	231	445	SVC	1	-
ECS101A1H1DB4	230	1753	EC3	36	-
ECS101A2H1DB4	230	1753	EC3	35	-
ECS101A2H2DB4	230	2032	EC3	41	-
ECS101A2H3EB4	230	2295	EC3	66	-
ECS101A2H5EB4	230	2428	EC3	77	-
ECS101A4H1DB4	230	1753	EC3	35	-
ECS101A4H2DB4	230	1911	EC3	41	-
ECS101A4H3DB4	230	2282	EC3	47	-
ECS101A4H3EB4	230	2295	EC3	67	-

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ECS101A4H5EB4	230	2428	EC3	77	-
ECS101A4H7EB4	230	3016	EC3	106	-
ECS101A8H1DB4	230	1753	EC3	35	-
ECS101A8H2DB4	230	2032	EC3	41	-
ECS101M0H1DB4	225	1,060	EC1	48	3514B
ECS101M0H1DC4	225	1,060	EC1	48	3514B
ECS101M0H1DF4	225	1,032	EC1	28	3514B
ECS101M0H2DB4	225	1,160	EC1	42	3520B
ECS101M0H2DC4	225	1,160	EC1	42	-
ECS101M0H2DF4	225	1,132	EC1	35	3520B
ECS101M0H3DB4	225	1,215	EC1	51	3528B
ECS101M0H3DC4	225	1,215	EC1	51	3528B
ECS101M0H3DF4	225	1,187	EC1	44	3528B
ECS101M0H3EB4	225	1,269	EC1	85	3624B
ECS101M0H3EC4	225	1,269	EC1	85	3624B
ECS101M0H3EF4	225	1,241	EC1	59	3624B
ECS101M0H5DB4	225	1,290	EC1	70	3548B
ECS101M0H5DC4	225	1,318	EC1	70	3548B
ECS101M0H5DF4	225	1,290	EC1	64	3548B
ECS101M0H5EB4	225	1,366	EC1	98	3632B
ECS101M0H5EC4	225	1,366	EC1	98	3632B
ECS101M0H5EF4	225	1,338	EC1	68	3632B
ECS101M0H7EB4	225	1,639	EC1	151	3648B
ECS101M0H7EC4	225	1,639	EC1	151	3648B
ECS101M0H7EF4	225	1,611	EC1	92	3648B
ECS101M0H7FB4	225	1,912	EC1	167	3730B
ECS101M0H7FC4	225	1,912	EC1	167	3730B
ECS101M0H7FF4	225	1,884	EC1	105	3730B
ECS101M0H10FB4	225	2,256	EC1	131	3740B
ECS101M0H10FC4	225	2,256	EC1	131	3740B
ECS101M0H10FF4	225	2,228	EC1	123	3740B
ECS101M0H15FB4	225	3,122	EC1	262	3760B
ECS101M0H15FC4	225	3,122	EC1	262	3760B
ECS101M0H15FF4	225	3,094	EC1	168	3760B
ECS101M4H20FB4	225	3,393	EC1	235	3780B
ECS101M4H20FC4	225	3,393	EC1	218	-
ECS101M4H20FF4	225	3,365	EC1	218	3780B
ECS101T1H1DF4	230	1,725	EC2	49	3514B
ECS101T2H1DF4	230	1,725	EC2	49	3514B
ECS101T2H2DF4	230	2,004	EC2	42	3520B
ECS101T2H3EF4	230	2,267	EC2	88	3624B
ECS101T2H5EF4	230	2,400	EC2	100	3632B
ECS101T4H1DF4	230	1,725	EC2	49	3514B
ECS101T4H2DF4	230	1,883	EC2	42	3520B
ECS101T4H3DF4	230	2,254	EC2	51	3528B
ECS101T4H3EF4	230	2,267	EC2	88	3624B
ECS101T4H5EF4	230	2,400	EC2	100	3632B
ECS101T4H7EF4	230	2,988	EC2	156	3648B
ECS101T4H7FF4	230	3,208	EC2	178	3730B
ECS101T4H10FF4	230	3,779	EC2	131	3740B
ECS101T8H1DF4	230	1,725	EC2	49	3514B
ECS101T8H2DF4	230	2,004	EC2	42	3520B
ECTM2276T	167	2,802	HV3	290	0954M
ECTM2332T	167	3,201	HV3	297	0960M
ECTM2333T	167	2,944	HV3	278	0944M
ECTM2334T	167	3,284	HV3	293	0960M
ECTM3611T-57	167	1,495	HV3	116	3728M
ECTM3615T-57	167	1,804	HV3	134	3736M
ECTM3665T	167	1,239	HV3	108	0642M
ECTM3704T	167	1,236	HV3	140	3738M
ECTM3708T	167	1,486	HV3	185	3752M
ECTM3768T	167	1,968	HV3	227	0748M
ECTM3770T	167	1,653	HV3	170	0738M
ECTM3774T	167	2,218	HV3	231	0748M
ECTM4100T	167	4,268	HV3	345	1046M
ECTM4103T	167	4,042	HV3	378	1054M
ECTM4104T	167	4,797	HV3	410	1056M
ECTM4110T	167	6,273	HV3	553	1254M
ECTM4115T	167	7,500	HV3	598	1272M
ECTM4314T	167	9,863	HV3	835	A36062M
EDM3546	60	976	SDD	35	3520M
EFM2333T	40	2,306	GE3	256	0944M
EFM2334T	40	2,796	GE3	356	0960M
EFM2394T	40	2,520	GE3	256	0930M
EFM2513T	40	2,367	GO3	214	3948M
EFM2513T-8	41	2,394	GO3	209	3948M
EFM2515T	41	2,597	GO3	226	3948M
EFM2515T-8	41	2,627	GO3	226	3948M
EFM2531T	41	3,166	GO3	313	4050M
EFM2535T	41	3,462	GO3	339	4060M
EFM2539T	41	4,516	GO3	392	4064M
EFM2543T	41	4,983	GO3	547	4256M
EFM2547T	41	6,274	GO3	622	4278M
EFM3116T	40	711	GO3	35	3520M
EFM3154T	40	743	GO3	38	3522M
EFM3157T	40	796	GO3	40	3526M
EFM3157T-8	41	804	GO3	40	3524M
EFM3211T	40	858	GO3	68	3630M

(1) Shipping weight (lbs.) is approximate.

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Catalog Number	Page Number	List Price	Disc. Sym.	Ship Wgt ⁽¹⁾	Type Code
EFM3211T-8	41	870	G03	70	3630M
EFM3212T	40	794	G03	61	3622M
EFM3218T	40	940	G03	84	3640M
EFM3218T-8	41	956	G03	82	3640M
EFM3219T	40	1,259	G03	77	3632M
EFM3311T	40	1,381	G03	114	3734M
EFM3311T-8	41	1,401	G03	111	3734M
EFM3312T	40	1,440	G03	107	3728M
EFM3313T	40	1,672	G03	125	3742M
EFM3313T-8	41	1,696	G03	127	3740M
EFM3314T	40	2,045	G03	123	3734M
EFM3546T	40	738	GE3	35	3520M
EFM3554T	40	820	GE3	41	3526M
EFM3558T	40	867	GE3	41	3528M
EFM3610T	40	882	GE3	73	3532M
EFM3611T	40	890	GE3	73	3632M
EFM3613T	40	978	GE3	75	3630M
EFM3615T	40	919	GE3	91	3642M
EFM3709T	40	1,465	GE3	128	3728M
EFM3710T	40	1,326	GE3	128	3738M
EFM3711T	40	1,485	GE3	119	3730M
EFM3714T	40	1,497	GE3	165	3752M
EFM4100T	40	3,880	GE3	372	1046M
EFM4102T	40	5,166	GE3	437	1054M
EFM4103T	40	3,657	GE3	452	1054M
EFM4104T	40	4,338	GE3	408	1056M
EFM4110T	40	5,673	GE3	572	1254M
EFM4114T	40	6,429	GE3	578	1252M
EFM4115T	40	6,199	GE3	640	1272M
EFM4308T	40	8,414	GE3	899	A3662M
EFM4312T	40	10,167	GE3	868	A3662M
EFM4314T	40	8,919	GE3	800	A3658M
EFM4316T	40	10,429	GE3	840	A3670M
EFM4400T	40	11,494	GE3	1,160	A40064M
EFM4403T	40	12,341	GE3	1,322	A40064M
EFM4404T	40	14,371	GE3	1,300	A40064M
EFM4409T-4	40	17,345	GE3	1,625	A44064M
EGDM2333T	180	3,393	FD3	255	0944M
EGDM2334T	180	3,592	FD3	303	0960M
EGDM2513T	180	2,580	FD3	239	3948M
EGDM2515T	180	2,986	FD3	245	3948M
EGDM2531T	180	3,692	FD3	375	4050M
EGDM2535T	180	4,130	FD3	382	4060M
EGDM3218T	180	1,073	FD3	92	3640M
EGDM3311T	180	1,573	FD3	120	3734M
EGDM3313T	180	1,864	FD3	132	3742M
EGDM3615T	180	1,407	FD3	95	3642M
EGDM3661T	180	1,376	FD3	105	0632M
EGDM3665T	180	1,568	FD3	119	0642M
EGDM3710T	180	1,732	FD3	127	3738M
EGDM3714T	180	2,515	FD3	165	3752M
EGDM3770T	180	1,929	FD3	170	0738M
EGDM3774T	180	2,775	FD3	231	0748M
EGDM4103T	180	4,523	FD3	422	1054M
EGDM4104T	180	5,302	FD3	460	1056M
EGDM4110T	180	7,030	FD3	578	1254M
EGDM4115T	180	7,271	FD3	608	1272M
EHFM2515T	164	2,318	HV3	227	3948M
EHFM2523T	164	1,853	HV3	212	3948M
EHFM2523T-8	165	1,848	HV3	211	3948M
EHFM2531T	164	2,820	HV3	301	4050M
EHFM2535T	164	3,082	HV3	328	4060M
EHFM2539T	164	4,011	HV3	429	4064M
EHFM2543T	164	4,920	HV3	466	4256M
EHFM3157T	164	645	HV3	49	3526M
EHFM3211T	164	692	HV3	68	3630M
EHFM3218T	164	1,092	HV3	82	3640M
EHFM3311T	164	1,314	HV3	115	3734M
EHFM3313T	164	1,480	HV3	127	3742M
EHM2276T	166	2,583	HV3	294	0954M
EHM2332T	166	2,943	HV3	290	0960M
EHM2333T	166	2,070	HV3	250	0944M
EHM2333T-5	166	2,070	HV3	255	0944M
EHM2334T	166	2,504	HV3	288	0960M
EHM2334T-5	166	2,504	HV3	286	0960M
EHM2506T	164	1,773	HV3	248	3950M
EHM2511T	164	2,297	HV3	260	3954M
EHM2515T	164	2,318	HV3	225	3948M
EHM2515T-8	165	2,318	HV3	226	3948M
EHM2523T	164	1,853	HV3	212	3948M
EHM2523T-8	165	1,853	HV3	210	3948M
EHM2524T	164	3,085	HV3	285	4038M
EHM2528T	164	3,747	HV3	375	4056M
EHM2531T	164	2,820	HV3	345	4050M
EHM2531T-8	165	2,820	HV3	369	4050M
EHM2532T	164	4,519	HV3	393	4072M
EHM2535T	164	4,011	HV3	339	4060M

Catalog Number	Page Number	List Price	Disc. Sym.	Ship Wgt ⁽¹⁾	Type Code
EHM2535T-8	165	3,082	HV3	331	4052M
EHM2536T	164	4,712	HV3	482	4084M
EHM2539T	164	4,519	HV3	433	4064M
EHM2539T-8	165	4,011	HV3	434	4250M
EHM2543T	164	4,920	HV3	469	4256M
EHM2543T-8	165	4,920	HV3	459	4256M
EHM2547T	164	5,563	HV3	582	4272M
EHM2551T	164	6,822	HV3	752	4462M
EHM2555T	164	7,776	HV3	911	4484M
EHM3116T	164	578	HV3	35	3520M
EHM3116T-8	165	578	HV3	34	3520M
EHM3154T	164	600	HV3	37	3522M
EHM3154T-8	165	600	HV3	38	3522M
EHM3157T	164	645	HV3	41	3526M
EHM3157T-8	165	645	HV3	41	3524M
EHM3211T	164	692	HV3	72	3630M
EHM3211T-8	165	692	HV3	71	3630M
EHM3218T	164	751	HV3	85	3640M
EHM3218T-8	165	751	HV3	85	3640M
EHM3218TA	172	1,076	HV3	84	3640M
EHM3305T	164	1,141	HV3	114	3734M
EHM3309T	164	1,485	HV3	141	3744M
EHM3311T	164	1,092	HV3	115	3734M
EHM3311T-8	165	1,092	HV3	115	3734M
EHM3313T	164	1,314	HV3	127	3742M
EHM3313T-8	165	1,314	HV3	120	3740M
EHM3546T	166	652	HV3	37	3520M
EHM3546T-5	166	652	HV3	37	3520M
EHM3554T	166	655	HV3	44	3526M
EHM3554T-5	166	655	HV3	44	3526M
EHM3558T	166	701	HV3	46	3528M
EHM3558T-5	166	701	HV3	47	3528M
EHM3611T	166	772	HV3	73	3632M
EHM3611T-5	166	772	HV3	74	3632M
EHM3615T	166	843	HV3	93	3642M
EHM3615T-5	166	843	HV3	92	3642M
EHM3708T	166	1,558	HV3	154	3752M
EHM3710T	166	1,201	HV3	128	3738M
EHM3710T-5	166	1,201	HV3	127	3738M
EHM3714T	166	1,355	HV3	165	3752M
EHM3714T-5	166	1,355	HV3	165	3752M
EHM4100T	166	3,914	HV3	400	1046M
EHM4102T	166	5,201	HV3	457	1054M
EHM4103T	166	3,266	HV3	430	1056M
EHM4103T-5	166	3,266	HV3	397	1056M
EHM4104T	166	3,870	HV3	423	1060M
EHM4104T-5	166	3,870	HV3	395	1056M
EHM4110T	166	5,051	HV3	612	1264M
EHM4110T-5	166	5,051	HV3	575	1254M
EHM4111T	166	5,879	HV3	465	1072M
EHM4115T	166	5,501	HV3	622	1272M
EHM4115T-5	166	5,501	HV3	622	1266M
EHPM3615T	147	1,040	PM3	93	3642M
EHPM3710T	147	1,447	PM3	127	3738M
EHPM3714T	147	1,618	PM3	165	3752M
EJM3545	128	651	PJ3	27	3420M
EJM3545-5	128	651	PJ3	27	3420M
EJM3546	128	748	PJ3	37	3522M
EJM3550	128	736	PJ3	38	3520M
EJM3554	128	830	PJ3	41	3526M
EJM3555	128	805	PJ3	41	3526M
EJM3555-5	128	805	PJ3	41	3526M
EJM3558	128	877	PJ3	48	3530M
EJM3559	128	881	PJ3	50	3532M
EJM3559-5	128	881	PJ3	50	3532M
EJMM2333T	135	3,064	PC3	265	0944M
EJMM2333T-5	136	3,020	PC3	268	0944M
EJMM2333T-G	133	3,357	PC3	265	0944M
EJMM2334T	135	3,510	PC3	304	0960M
EJMM2334T-G	133	3,750	PC3	308	0960M
EJMM2394T	135	3,234	PC3	257	0930M
EJMM2394T-5	136	3,234	PC3	225	0750M
EJMM2394T-G	133	3,384	PC3	260	0930M
EJMM2506T	138	2,453	PC3	248	3950M
EJMM2511T	138	2,977	PC3	255	3954M
EJMM2513T	138	2,511	PC3	214	3948M
EJMM2513T-G	134	2,804	PC3	213	3948M
EJMM2514T	138	2,793	PC3	195	3928M
EJMM2514T-G	134	3,045	PC3	185	3928M
EJMM2515T	138	3,008	PC3	248	3948M
EJMM2515T-G	134	3,260	PC3	255	3948M
EJMM2516T	138	3,598	PC3	219	3938M
EJMM2516T-G	134	3,850	PC3	233	3938M
EJMM2524T	138	3,907	PC3	300	4038M
EJMM2531T	138	3,578	PC3	317	4050M
EJMM2531T-G	134	3,958	PC3	377	4050M
EJMM2534T	139	4,260	PC3	309	3948M

(1) Shipping weight (lbs.) is approximate.

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Catalog Number	Page Number	List Price	Disc. Sym.	Ship Wgt ⁽¹⁾	Type Code
EJMM2534T-G	134	4,512	PC3	320	4040M
EJMM2535T	139	4,318	PC3	359	4060M
EJMM2535T-G	134	4,570	PC3	378	4060M
EJMM2538T	139	5,241	PC3	328	3956M
EJMM2538T-G	134	5,493	PC3	330	4046M
EJMM2539T	139	5,568	PC3	417	4064M
EJMM2539T-G	134	5,820	PC3	378	4064M
EJMM2542T	139	5,828	PC3	421	4248M
EJMM2542T-G	134	6,080	PC3	375	4058M
EJMM2543T	139	6,035	PC3	491	4256M
EJMM2543T-G	134	6,287	PC3	497	4256M
EJMM2546T	139	7,095	PC3	472	4250M
EJMM3116T	138	707	PC3	38	3520M
EJMM3116T-G	134	873	PC3	37	3520M
EJMM3120T	138	763	PC3	34	3518M
EJMM3154T	138	765	PC3	38	3522M
EJMM3154T-G	134	931	PC3	41	3522M
EJMM3155T	138	869	PC3	44	3524M
EJMM3157T	138	837	PC3	44	3526M
EJMM3157T-G	134	1,003	PC3	44	3526M
EJMM3158T	138	950	PC3	49	3530M
EJMM3158T-5	139	878	PC3	48	3528M
EJMM3158T-G	134	1,116	PC3	51	3530M
EJMM3211T	138	926	PC3	72	3630M
EJMM3211T-5	139	1,114	PC3	74	3630M
EJMM3211T-G	134	1,134	PC3	74	3630M
EJMM3212T	138	1,132	PC3	64	3622M
EJMM3212T-5	139	1,050	PC3	63	3622M
EJMM3212T-G	134	1,340	PC3	64	3622M
EJMM3218T	138	1,047	PC3	87	3640M
EJMM3218T-5	139	1,196	PC3	92	3640M
EJMM3218T-G	134	1,255	PC3	88	3640M
EJMM3219T	138	1,338	PC3	78	3632M
EJMM3219T-5	139	1,515	PC3	77	3632M
EJMM3219T-G	134	1,546	PC3	78	3632M
EJMM3309T	138	1,785	PC3	141	3744M
EJMM3311T	138	1,715	PC3	120	3734M
EJMM3311T-5	139	1,715	PC3	120	3734M
EJMM3311T-G	134	1,831	PC3	120	3734M
EJMM3312T	138	1,774	PC3	120	3728M
EJMM3312T-5	139	1,774	PC3	137	3728M
EJMM3312T-G	134	1,984	PC3	121	3728M
EJMM3313T	138	1,698	PC3	136	3742M
EJMM3313T-5	139	2,006	PC3	132	3740M
EJMM3313T-G	134	1,959	PC3	132	3742M
EJMM3314T	138	2,379	PC3	131	3734M
EJMM3314T-5	139	2,379	PC3	131	3734M
EJMM3314T-G	134	2,479	PC3	134	3734M
EJMM3546T	135	827	PC3	40	3520M
EJMM3546T-5	136	889	PC3	38	3520M
EJMM3546T-G	133	922	PC3	37	3520M
EJMM3550T	135	822	PC3	47	3520M
EJMM3550T-5	136	877	PC3	38	3520M
EJMM3550T-G	133	917	PC3	38	3520M
EJMM3554T	135	881	PC3	44	3526M
EJMM3554T-5	136	971	PC3	41	3526M
EJMM3554T-G	133	1,066	PC3	41	3526M
EJMM3555T	135	946	PC3	47	3526M
EJMM3555T-5	136	946	PC3	41	3526M
EJMM3555T-G	133	1,041	PC3	41	3526M
EJMM3558T	135	1,066	PC3	50	3528M
EJMM3558T-5	136	1,018	PC3	45	3528M
EJMM3558T-G	133	1,113	PC3	45	3528M
EJMM3559T	135	1,022	PC3	54	3532M
EJMM3559T-5	136	1,022	PC3	50	3532M
EJMM3610T	135	1,210	PC3	56	3532M
EJMM3610T-5	136	1,138	PC3	63	3622M
EJMM3610T-G	133	1,157	PC3	60	3532M
EJMM3611T	135	1,146	PC3	76	3632M
EJMM3611T-5	136	1,146	PC3	70	3632M
EJMM3611T-G	133	1,252	PC3	76	3632M
EJMM3613T	135	1,234	PC3	79	3630M
EJMM3613T-5	136	1,234	PC3	74	3630M
EJMM3613T-G	133	1,333	PC3	81	3630M
EJMM3615T	135	1,047	PC3	93	3642M
EJMM3615T-5	136	1,175	PC3	93	3642M
EJMM3615T-G	133	1,255	PC3	93	3642M
EJMM3616T	135	1,392	PC3	101	3646M
EJMM3616T-5	136	1,546	PC3	96	3646M
EJMM3709T	135	1,474	PC3	125	3728M
EJMM3709T-G	133	1,735	PC3	124	3728M
EJMM3710T	135	1,660	PC3	134	3738M
EJMM3710T-5	136	1,660	PC3	127	3738M
EJMM3710T-G	133	1,854	PC3	134	3738M
EJMM3711T	135	1,819	PC3	130	3730M
EJMM3711T-5	136	1,819	PC3	118	3728M
EJMM3711T-G	133	1,953	PC3	124	3730M

Catalog Number	Page Number	List Price	Disc. Sym.	Ship Wgt ⁽¹⁾	Type Code
EJMM3713T	135	2,549	PC3	169	3752M
EJMM3713T-5	136	2,429	PC3	169	3752M
EJMM3714T	135	1,872	PC3	165	3752M
EJMM3714T-5	136	1,831	PC3	165	3752M
EJMM3714T-G	133	2,133	PC3	165	3752M
EJMM4103T	136	4,097	PC3	387	1054M
EJMM4103T-G	133	4,207	PC3	437	1054M
EJMM4104T	136	5,794	PC3	422	1056M
EJMM4104T-G	133	5,691	PC3	437	1056M
EJMM4106T	135	3,480	PC3	281	0936M
EJMM4106T-G	133	3,697	PC3	274	0936M
EJMM4107T	136	3,955	PC3	353	0944M
EJMM4107T-G	133	4,349	PC3	265	0944M
EJMM4108T	136	5,439	PC3	406	1048M
EJMM4108T-G	133	6,046	PC3	299	0950M
EJMM4109T	136	6,159	PC3	487	1058M
EJMM4109T-G	133	6,411	PC3	470	1058M
EJMM4110T	136	6,725	PC3	586	1254M
EJMM4110T-G	133	6,977	PC3	578	1254M
EJMM4114T	136	7,481	PC3	595	1252M
EJMM4114T-G	133	7,733	PC3	575	1252M
EJMM4115T	136	7,585	PC3	624	1272M
EJMM4115T-G	133	7,837	PC3	700	1272M
EJPM2333T	135	3,064	PC3	268	0944M
EJPM2334T	135	3,510	PC3	300	0960M
EJPM2394T	135	3,234	PC3	260	0930M
EJPM2513T	138	2,511	PC3	219	3948M
EJPM2514T	138	2,793	PC3	220	3928M
EJPM2515T	138	3,008	PC3	236	3948M
EJPM2516T	138	3,598	PC3	230	3938M
EJPM2531T	138	3,578	PC3	335	4050M
EJPM2534T	139	4,260	PC3	310	3948M
EJPM2535T	139	4,318	PC3	370	4060M
EJPM2538T	139	5,241	PC3	329	3956M
EJPM2539T	139	5,568	PC3	378	4064M
EJPM2542T	139	5,828	PC3	424	4248M
EJPM2543T	139	6,035	PC3	500	4256M
EJPM2547T	139	7,451	PC3	565	4278M
EJPM2551T	139	8,878	PC3	597	4462M
EJPM3116T	138	862	PC3	38	3520M
EJPM3154T	138	894	PC3	37	3522M
EJPM3157T	138	947	PC3	43	3526M
EJPM3158T	138	878	PC3	48	3528M
EJPM3211T	138	1,114	PC3	74	3630M
EJPM3212T	138	1,050	PC3	63	3622M
EJPM3218T	138	1,196	PC3	92	3640M
EJPM3219T	138	1,515	PC3	77	3632M
EJPM3311T	138	1,715	PC3	130	3734M
EJPM3312T	138	1,774	PC3	122	3728M
EJPM3313T	138	1,698	PC3	138	3742M
EJPM3314T	138	2,379	PC3	134	3734M
EJPM3554T	135	971	PC3	41	3526M
EJPM3555T	135	946	PC3	41	3526M
EJPM3558T	135	1,018	PC3	48	3530M
EJPM3559T	135	1,022	PC3	50	3532M
EJPM3610T	135	1,138	PC3	50	3532M
EJPM3611T	135	1,146	PC3	70	3632M
EJPM3613T	135	1,234	PC3	81	3634M
EJPM3615T	135	1,175	PC3	96	3644M
EJPM3616T	135	1,546	PC3	96	3646M
EJPM3709T	135	1,799	PC3	121	3728M
EJPM3710T	135	1,660	PC3	129	3738M
EJPM3711T	135	1,819	PC3	118	3730M
EJPM3713T	135	2,429	PC3	169	3752M
EJPM3714T	135	1,872	PC3	165	3752M
EJPM4103T	136	4,097	PC3	412	1054M
EJPM4104T	136	5,794	PC3	452	1056M
EJPM4106T	135	3,480	PC3	264	0936M
EJPM4107T	136	3,955	PC3	349	0944M
EJPM4108T	136	5,439	PC3	405	1048M
EJPM4109T	136	6,159	PC3	498	1058M
EJPM4110T	136	6,725	PC3	602	1254M
EJPM4114T	136	7,481	PC3	604	1252M
EJPM4115T	136	7,585	PC3	646	1272M
EL1319T	19	902	GO1	50	3535LC
EL1405T	20	1,091	GO1	65	3623LC
EL1406T	20	1,149	GO1	70	3628LC
EL1408T	20	1,142	GO1	81	3634LC
EL1409T	20	1,364	GO1	79	3634LC
EL1410T	20	1,304	GO1	97	3646LC
EL3403	16	452	GE1	24	3414LC
EL3501	16	499	GE1	27	3418LC
EL3503	16	490	GE1	23	3413LC
EL3504	16	589	GE1	30	3424LC
EL3506	16	551	GE1	29	3424LC
EL3507	16	716	GE1	44	3528LC
EL3509	17	636	GE1	38	3520LC

(1) Shipping weight (lbs.) is approximate.

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Catalog Number	Page Number	List Price	Disc. Sym.	Ship Wgt ⁽¹⁾	Type Code
EL3510	17	823	GE1	45	3532LC
EL3514	17	937	GE1	58	3540LC
EL3514T	17	937	GE1	58	3540LC
EL3515T	17	1,099	GE1	65	3535LC
EL3605T	17	1,281	GE1	66	3623LC
EL3606T	17	1,196	GE1	79	3634LC
EL3608T	17	1,648	GE1	91	3640LC
EL3609T	17	1,495	GE1	89	3640LC
EL3612T	17	1,783	GE1	97	3646LC
EL11203	19	412	GO1	19	3411LC
EL11203M	19	439	GO1	19	3411LC
EL11204	19	491	GO1	25	3416LC
EL11205	19	435	GO1	24	3413LC
EL11206	19	443	GO1	27	3418LC
EL11206M	19	470	GO1	27	3418LC
EL11207	19	524	GO1	27	3421LC
EL11208	19	463	GO1	24	3413LC
EL11209	19	497	GO1	32	3424LC
EL11209M	19	524	GO1	32	3424LC
EL11300	19	511	GO1	25	3416LC
EL11301	19	443	GO1	27	3418LC
EL11301M	19	470	GO1	27	3418LC
EL11302	19	524	GO1	30	3421LC
EL11303	19	463	GO1	24	3413LC
EL11304	19	497	GO1	32	3424LC
EL11304A	19	524	GO1	32	3424LC
EL11305	19	787	GO1	46	3526LC
EL11306	19	484	GO1	39	3428LC
EL11306A	19	511	GO1	39	3428LC
EL11307	19	592	GO1	39	3524LC
EL11307A	19	619	GO1	39	3524LC
EL11307M	19	619	GO1	39	3524LC
EL11308	19	886	GO1	47	3530LC
EL11309	19	568	GO1	43	3524LC
EL11309A	19	594	GO1	43	3524LC
EL11313	19	645	GO1	52	3532LC
EL11313A	19	672	GO1	52	3532LC
EL11317	20	713	GO1	66	3540LC
EL11317A	20	740	GO1	66	3540LC
EL11318	19	682	GO1	44	3528LC
EL11318M	19	708	GO1	44	3528LC
EL11319	19	812	GO1	59	3540LC
EL11319M	19	878	GO1	59	3540LC
EM2237	192	3,120	DPL	254	0936M
EM2238	192	3,910	DPL	252	0936M
EM2275	192	3,664	DPL	226	0748M
EM2276	192	4,405	DPL	295	0954M
EM2276T	23	2,549	GE3	278	0954M
EM2276T-BG	153	2,812	HV3	310	0954M
EM2276T-G	158	2,842	HV3	281	0954M
EM2280T	23	3,633	GE3	256	0940M
EM2332T	23	2,909	GE3	290	0960M
EM2332T-BG	153	3,172	HV3	322	0960M
EM2332T-G	158	3,202	HV3	322	0960M
EM2333	192	5,382	DPL	315	0944M
EM2333T	24	2,047	GE3	270	0944M
EM2333T-5	26	2,047	GE3	258	0944M
EM2333T-5G	159	2,599	HV3	250	0944M
EM2333T-8	25	2,306	GE3	255	0944M
EM2333T-8G	159	2,599	HV3	254	0936M
EM2333T-58	221	2,514	5E3	291	0948M
EM2333T-BG	154	2,569	HV3	274	0944M
EM2333T-G	159	2,599	HV3	270	0944M
EM2334	192	6,441	DPL	318	0960M
EM2334T	24	2,482	GE3	289	0960M
EM2334T-5	26	2,482	GE3	290	0960M
EM2334T-5G	159	3,089	HV3	293	0960M
EM2334T-8	25	2,796	GE3	292	0960M
EM2334T-12	24	3,142	GE3	291	0960M
EM2334T-58	221	3,048	5E3	304	0956M
EM2334T-BG	154	3,059	HV3	290	0960M
EM2334T-G	159	3,089	HV3	295	0960M
EM2394T	24	2,520	GE3	241	0930M
EM2394T-5	26	2,520	GE3	245	0930M
EM2394T-8	25	2,520	GE3	240	0930M
EM2394T-BG	154	2,783	HV3	253	0930M
EM2394T-G	159	2,813	HV3	239	0930M
EM2395T	24	6,468	GE3	455	1060M
EM2401T	23	4,006	GE3	320	0960M
EM2402T	23	4,651	GE3	391	1046M
EM2504T	34	2,879	GO3	240	3948M
EM2506T	34	1,739	GO3	239	3950M
EM2506T-BG	155	2,002	HV3	248	3950M
EM2506T-G	162	2,032	HV3	243	3950M
EM2508T	34	3,603	GO3	260	3962M
EM2511T	34	2,263	GO3	255	3954M
EM2511T-BG	155	2,526	HV3	255	3954M

Catalog Number	Page Number	List Price	Disc. Sym.	Ship Wgt ⁽¹⁾	Type Code
EM2511T-G	162	2,556	HV3	255	3954M
EM2513T	34	2,101	GO3	211	3948M
EM2513T-5	36	2,101	GO3	273	3948M
EM2513T-5BG	155	2,630	HV3	250	3948M
EM2513T-5G	163	2,660	HV3	210	3948M
EM2513T-8	35	2,367	GO3	209	3948M
EM2513T-8G	163	2,660	HV3	234	3948M
EM2513T-58	221	2,581	5O3	230	3942M
EM2513T-BG	155	2,630	HV3	234	3948M
EM2513T-CI	34	2,253	GO3	238	0936M
EM2513T-G	162	2,660	HV3	210	3948M
EM2514T	34	2,402	GO3	191	3928M
EM2514T-8	35	2,402	GO3	190	3928M
EM2514T-G	162	2,695	HV3	195	3928M
EM2515T	34	2,597	GO3	225	3948M
EM2515T-5	36	2,597	GO3	227	3948M
EM2515T-5BG	155	2,860	HV3	250	3948M
EM2515T-5G	163	2,890	HV3	250	3948M
EM2515T-8	35	2,597	GO3	227	3948M
EM2515T-8G	163	2,890	HV3	250	3948M
EM2515T-12	34	2,943	GO3	225	3948M
EM2515T-58	221	2,831	5O3	275	3956M
EM2515T-BG	155	2,860	HV3	228	3948M
EM2515T-CI	34	2,831	GO3	281	0946M
EM2515T-G	162	2,890	HV3	227	3948M
EM2516T	34	2,884	GO3	222	3938M
EM2516T-8	35	2,884	GO3	220	3938M
EM2516T-G	162	3,177	HV3	212	3938M
EM2524T	34	3,051	GO3	278	4038M
EM2524T-BG	155	3,350	HV3	300	4038M
EM2524T-G	162	3,428	HV3	280	4038M
EM2528T	34	3,713	GO3	302	4056M
EM2528T-BG	155	4,012	HV3	321	4056M
EM2528T-G	162	4,090	HV3	299	4056M
EM2531T	34	3,166	GO3	331	4050M
EM2531T-5	36	3,166	GO3	312	4050M
EM2531T-5BG	155	3,465	HV3	388	4050M
EM2531T-5G	163	3,543	HV3	328	4050M
EM2531T-8	35	3,166	GO3	333	4050M
EM2531T-8G	163	3,543	HV3	330	4050M
EM2531T-12	34	3,715	GO3	307	4050M
EM2531T-BG	155	3,465	HV3	387	4050M
EM2531T-CI	34	3,451	GO3	382	1050M
EM2531T-G	162	3,543	HV3	314	4050M
EM2532T	34	4,485	GO3	411	4072M
EM2532T-G	162	4,941	HV3	384	4072M
EM2534T	34	3,404	GO3	308	4040M
EM2534T-8	36	3,404	GO3	320	4040M
EM2534T-G	162	3,781	HV3	310	4040M
EM2535T	34	3,462	GO3	335	4060M
EM2535T-5	36	3,462	GO3	333	4060M
EM2535T-5BG	155	3,761	HV3	378	4060M
EM2535T-5G	163	3,839	HV3	340	4060M
EM2535T-8	36	3,462	GO3	278	4060M
EM2535T-8G	163	3,839	HV3	340	4060M
EM2535T-12	34	4,011	GO3	339	4060M
EM2535T-BG	155	3,761	HV3	341	4060M
EM2535T-CI	34	3,773	GO3	240	1052M
EM2535T-G	162	3,839	HV3	340	4060M
EM2536T	34	4,678	GO3	380	4084M
EM2536T-G	162	5,134	HV3	457	4084M
EM2538T	34	4,385	GO3	329	4046M
EM2538T-8	36	4,385	GO3	362	4046M
EM2538T-CI	34	4,780	GO3	402	1046M
EM2538T-G	162	4,762	HV3	328	4046M
EM2539T	34	4,516	GO3	396	4064M
EM2539T-5	36	4,516	GO3	397	4064M
EM2539T-5BG	155	4,882	HV3	400	4064M
EM2539T-5G	163	4,972	HV3	400	4064M
EM2539T-8	36	4,516	GO3	434	4064M
EM2539T-8G	163	4,972	HV3	390	4064M
EM2539T-12	34	5,367	GO3	397	4064M
EM2539T-BG	155	4,882	HV3	324	4064M
EM2539T-CI	34	4,923	GO3	538	1250M
EM2539T-G	162	4,972	HV3	392	4064M
EM2540T	34	6,327	GO3	598	4278M
EM2540T-CI	34	6,664	GO3	801	A36062M
EM2540T-G	162	7,170	HV3	606	4278M
EM2542T	34	4,776	GO3	394	4058M
EM2542T-8	36	4,776	GO3	375	4058M
EM2542T-CI	34	5,416	GO3	548	1250M
EM2542T-G	162	5,232	HV3	392	4058M
EM2543T	34	4,983	GO3	467	4256M
EM2543T-5	36	4,983	GO3	465	4256M
EM2543T-5BG	155	5,349	HV3	525	4256M
EM2543T-8	36	4,983	GO3	467	4256M
EM2543T-12	34	5,834	GO3	468	4256M

(1) Shipping weight (lbs.) is approximate.

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Catalog Number	Page Number	List Price	Disc. Sym.	Ship Wgt ⁽¹⁾	Type Code
EM2543T-BG	155	5,349	HV3	497	4256M
EM2543T-CI	34	5,433	G03	570	1256M
EM2543T-G	162	5,439	HV3	473	4256M
EM2543TS-12	34	5,834	G03	469	4256M
EM2544T	34	7,641	G03	762	4466M
EM2544T-CI	34	8,068	G03	722	A36052M
EM2546T	34	6,043	G03	458	4250M
EM2547T	34	6,274	G03	615	4278M
EM2547T-5	36	6,274	G03	430	4278M
EM2547T-8	36	6,274	G03	623	4278M
EM2547T-12	34	7,612	G03	620	4278M
EM2547T-CI	34	6,838	G03	745	A36050M
EM2547T-G	163	7,117	HV3	616	4278M
EM2547TS-12	34	7,612	G03	613	4278M
EM2548T	34	9,413	G03	888	4480M
EM2548T-4CI	34	10,242	G03	1,009	A40052M
EM2549T	35	7,926	G03	502	4254M
EM2550T	35	8,473	G03	562	4266M
EM2551T	35	7,701	G03	744	4462M
EM2551T-5	36	7,701	G03	740	4462M
EM2551T-8	36	7,701	G03	783	A36056M
EM2551T-12	35	9,039	G03	758	4462M
EM2551T-CI	35	8,392	G03	762	A36056M
EM2551T-G	163	8,543	HV3	750	4462M
EM2551TS-12	35	9,039	G03	749	4462M
EM2552T-4	35	11,403	G03	1,067	A40064M
EM2554T-4	35	10,633	G03	894	4476M
EM2554T-4CI	35	12,687	G03	997	A40048M
EM2555T	35	8,959	G03	930	4484M
EM2555T-4	35	8,959	G03	896	4484M
EM2555T-4G	163	10,158	HV3	898	4484M
EM2555T-5	36	8,959	G03	943	4484M
EM2555T-12	35	10,902	G03	946	4484M
EM2555T-CI	35	9,765	G03	1,038	A40052M
EM2555TS-12	35	10,902	G03	941	4484M
EM2556T-4	35	13,117	G03	980	4464M
EM2557T-4	35	13,555	G03	1,513	A44062M
EM2558T-4	35	12,208	G03	1,528	A44062M
EM2558T-5	36	12,208	G03	1,535	A44062M
EM2558TS-4	35	12,208	G03	1,519	A44062M
EM2559T-4	35	10,991	G03	955	4488M
EM2559T-4CI	35	11,978	G03	1,118	A40064M
EM2559T-5	36	10,991	G03	960	4488M
EM2559TS-4	35	10,991	G03	1,238	4488M
EM2560T-4	35	15,963	G03	1,572	A44072M
EM2562T-4	35	14,864	G03	1,364	A44056M
EM2563T-4	35	15,256	G03	1,625	A44072M
EM2564T-4	35	20,984	G03	1,827	A44090M
EM2565T-4	35	17,437	G03	1,539	A44068M
EM2568T-4	35	27,254	G03	1,539	A44068M
EM2571T-4	35	31,190	G03	1,899	A44112M
EM2572T-4	35	30,816	G03	2,694	A44128M
EM2583T-4	35	12,551	G03	1,455	A44056M
EM3115-G	162	703	HV3	27	3512M
EM3116-57	221	569	S03	34	3518M
EM3116T	33	631	G03	34	3520M
EM3116T-5	36	631	G03	34	3520M
EM3116T-5G	163	877	HV3	38	3520M
EM3116T-8	35	711	G03	34	3520M
EM3116T-8G	163	877	HV3	38	3520M
EM3116T-57	221	572	S03	34	3518M
EM3116T-BG	155	877	HV3	38	3520M
EM3116T-G	162	877	HV3	34	3520M
EM3120T	33	612	G03	33	3518M
EM3120T-G	162	778	HV3	34	3518M
EM3154T	33	660	G03	37	3522M
EM3154T-5	36	660	G03	37	3522M
EM3154T-5G	163	909	HV3	37	3522M
EM3154T-8	35	743	G03	37	3522M
EM3154T-8G	163	909	HV3	37	3522M
EM3154T-57	221	608	S03	41	3526M
EM3154T-BG	155	909	HV3	37	3522M
EM3154T-G	162	909	HV3	38	3522M
EM3155T	33	718	G03	41	3524M
EM3155T-BG	155	884	HV3	43	3524M
EM3155T-G	162	884	HV3	41	3524M
EM3156T	33	727	G03	36	3524M
EM3156T-G	162	893	HV3	40	3524M
EM3157T	33	707	G03	40	3526M
EM3157T-5	36	707	G03	39	3524M
EM3157T-5G	163	962	HV3	43	3524M
EM3157T-8	35	796	G03	40	3524M
EM3157T-8G	163	962	HV3	43	3524M
EM3157T-57	221	625	S03	45	3528M
EM3157TA	33	876	G03	44	3528M
EM3157T-BG	155	962	HV3	43	3526M
EM3157T-G	162	962	HV3	41	3526M
EM3158T	34	727	G03	46	3530M
EM3158T-8	35	727	G03	51	3530M
EM3158T-BG	155	893	HV3	51	3530M
EM3158T-G	162	893	HV3	46	3530M
EM3207T	33	851	G03	66	3628M
EM3207T-G	162	1,048	HV3	67	3628M
EM3211T	34	762	G03	69	3630M
EM3211T-5	36	762	G03	69	3630M
EM3211T-5BG	155	1,055	HV3	74	3630M
EM3211T-5G	163	1,055	HV3	74	3630M
EM3211T-8	35	858	G03	71	3630M
EM3211T-8G	163	1,055	HV3	74	3630M
EM3211T-57	221	715	S03	74	3630M
EM3211TA	34	938	G03	65	3632M
EM3211T-BG	155	1,055	HV3	74	3630M
EM3211T-G	162	1,055	HV3	72	3630M
EM3212T	34	794	G03	61	3622M
EM3212T-5	36	794	G03	76	3634M
EM3212T-8	35	794	G03	69	3622M
EM3212T-BG	155	991	HV3	63	3622M
EM3212T-G	162	991	HV3	63	3622M
EM3215T	33	870	G03	79	3636M
EM3215T-G	162	1,067	HV3	79	3636M
EM3216T	33	1,192	G03	65	3628M
EM3218T	34	835	G03	84	3640M
EM3218T-5	36	835	G03	82	3640M
EM3218T-5BG	155	1,137	HV3	92	3640M
EM3218T-5G	163	1,137	HV3	92	3640M
EM3218T-8	35	940	G03	84	3640M
EM3218T-8G	163	1,137	HV3	92	3640M
EM3218T-57	221	791	S03	101	3646M
EM3218TA	34	1,020	G03	84	3640M
EM3218T-BG	155	1,137	HV3	92	3640M
EM3218T-G	162	1,137	HV3	84	3640M
EM3219T	34	1,259	G03	74	3632M
EM3219T-5	36	1,259	G03	92	3646M
EM3219T-8	35	1,259	G03	77	3632M
EM3219T-BG	155	1,456	HV3	77	3632M
EM3219T-G	162	1,456	HV3	75	3632M
EM3220T	33	1,448	G03	82	3642M
EM3303T	33	1,788	G03	111	3744M
EM3305T	34	1,107	G03	119	3734M
EM3305T-BG	155	1,328	HV3	110	3734M
EM3305T-G	162	1,328	HV3	110	3734M
EM3309T	34	1,451	G03	139	3744M
EM3309T-BG	155	1,672	HV3	141	3744M
EM3309T-G	162	1,672	HV3	141	3744M
EM3311T	34	1,226	G03	115	3734M
EM3311T-5	36	1,226	G03	114	3734M
EM3311T-5BG	155	1,602	HV3	120	3734M
EM3311T-5G	163	1,602	HV3	114	3734M
EM3311T-8	35	1,381	G03	114	3734M
EM3311T-8G	163	1,602	HV3	120	3734M
EM3311T-58	221	1,118	S03	127	3736M
EM3311T-BG	155	1,602	HV3	115	3734M
EM3311T-G	162	1,602	HV3	115	3734M
EM3312T	34	1,440	G03	121	3728M
EM3312T-8	35	1,440	G03	121	3728M
EM3312T-BG	155	1,661	HV3	121	3728M
EM3312T-G	162	1,661	HV3	113	3728M
EM3313T	34	1,484	G03	128	3742M
EM3313T-5	36	1,484	G03	123	3740M
EM3313T-5BG	155	1,893	HV3	132	3740M
EM3313T-5G	163	1,893	HV3	132	3740M
EM3313T-8	35	1,672	G03	129	3740M
EM3313T-8G	163	1,893	HV3	132	3740M
EM3313T-58	221	1,823	S03	165	3752M
EM3313T-BG	155	1,893	HV3	129	3742M
EM3313T-G	162	1,893	HV3	127	3742M
EM3314T	34	2,045	G03	124	3734M
EM3314T-8	35	2,045	G03	131	3734M
EM3314T-BG	155	2,266	HV3	131	3734M
EM3314T-G	162	2,266	HV3	126	3734M
EM3538	22	586	GE3	29	3514M
EM3545	23	641	GE3	37	3516M
EM3545-5	25	641	GE3	27	3516M
EM3545-57	221	625	SE3	35	3516M
EM3545-G	158	796	HV3	32	3516M
EM3546	23	655	GE3	35	3520M
EM3546-5	25	655	GE3	38	3520M
EM3546T	23	655	GE3	35	3520M
EM3546T-5	25	655	GE3	34	3520M
EM3546T-5G	159	872	HV3	35	3520M
EM3546T-8	25	738	GE3	35	3520M
EM3546T-57	221	639	SE3	34	3518M
EM3546T-BG	153	872	HV3	38	3520M
EM3546T-G	158	872	HV3	30	3520M

(1) Shipping weight (lbs.) is approximate.

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EM3550	23	726	GE3	35	3520M
EM3550T	23	726	GE3	36	3520M
EM3550T-5	26	726	GE3	36	3520M
EM3550T-57	221	725	5E3	43	3524M
EM3550T-G	158	892	HV3	36	3520M
EM3554	23	728	GE3	40	3526M
EM3554-5	26	728	GE3	41	3526M
EM3554T	23	728	GE3	41	3526M
EM3554T-5	26	728	GE3	42	3526M
EM3554T-5G	159	900	HV3	42	3526M
EM3554T-8	25	820	GE3	43	3526M
EM3554T-57	221	650	5E3	41	3526M
EM3554T-BG	153	900	HV3	41	3526M
EM3554T-G	158	900	HV3	42	3526M
EM3555	23	795	GE3	42	3526M
EM3555-5	26	795	GE3	41	3526M
EM3555T	23	795	GE3	43	3526M
EM3555T-5	26	795	GE3	43	3526M
EM3555T-57	221	796	5E3	50	3532M
EM3555T-BG	153	961	HV3	41	3526M
EM3555T-G	158	961	HV3	46	3526M
EM3556	23	846	GE3	42	3526M
EM3556-5	25	846	GE3	41	3526M
EM3556T	23	846	GE3	42	3526M
EM3556T-5	25	846	GE3	40	3526M
EM3556T-G	158	1,012	HV3	43	3526M
EM3558	23	770	GE3	46	3528M
EM3558-5	26	770	GE3	45	3528M
EM3558T	23	770	GE3	45	3528M
EM3558T-5	26	770	GE3	46	3528M
EM3558T-5G	159	927	HV3	46	3528M
EM3558T-8	25	867	GE3	46	3528M
EM3558T-9	61	806	SDQ	45	3528M
EM3558T-57	221	686	5E3	45	3528M
EM3558T-BG	153	927	HV3	45	3528M
EM3558T-G	158	927	HV3	42	3528M
EM3559	23	871	GE3	50	3532M
EM3559-5	26	871	GE3	50	3532M
EM3559T	23	871	GE3	49	3532M
EM3559T-5	26	871	GE3	60	3532M
EM3559T-BG	153	1,037	HV3	50	3532M
EM3559T-G	158	1,037	HV3	53	3532M
EM3581T	23	913	GE3	51	0518M
EM3581T-BG	153	1,065	HV3	55	0518M
EM3581T-G	158	1,065	HV3	55	0518M
EM3582T	23	1,023	GE3	56	0524M
EM3582T-BG	153	1,175	HV3	56	0524M
EM3582T-G	158	1,175	HV3	56	0524M
EM3583T	23	966	GE3	52	0520M
EM3583T-BG	153	1,118	HV3	56	0520M
EM3583T-G	158	1,118	HV3	56	0520M
EM3584T	23	947	GE3	57	0526M
EM3584T-BG	153	1,099	HV3	61	0526M
EM3584T-G	158	1,099	HV3	61	0526M
EM3586T	23	1,014	GE3	59	0526M
EM3586T-BG	153	1,166	HV3	62	0526M
EM3586T-G	158	1,166	HV3	62	0526M
EM3587T	23	993	GE3	58	0528M
EM3587T-BG	153	1,145	HV3	62	0528M
EM3587T-G	158	1,145	HV3	62	0528M
EM3603	192	1,086	DPL	38	3520M
EM3604	192	1,384	DPL	41	3526M
EM3606	192	1,106	DPL	41	3526M
EM3607	192	1,479	DPL	72	3632M
EM3607T	23	989	GE3	73	3632M
EM3607T-5	26	989	GE3	73	3632M
EM3607T-G	158	1,186	HV3	76	3632M
EM3609	192	1,167	DPL	45	3528M
EM3610	192	1,168	DPL	50	3532M
EM3610T	23	882	GE3	50	3532M
EM3610T-5	26	882	GE3	56	3532M
EM3610T-57	221	1,015	5E3	55	3534M
EM3610T-G	158	1,079	HV3	57	3532M
EM3611	192	1,215	DPL	70	3632M
EM3611T	23	790	GE3	73	3632M
EM3611T-5	26	790	GE3	73	3632M
EM3611T-5G	159	1,037	HV3	76	3632M
EM3611T-8	25	890	GE3	72	3632M
EM3611T-9	61	945	SDQ	83	3636M
EM3611T-57	221	805	5E3	70	3632M
EM3611T-BG	153	1,037	HV3	70	3632M
EM3611T-G	158	1,037	HV3	74	3632M
EM3613T	23	978	GE3	75	3630M
EM3613T-5	26	978	GE3	75	3630M
EM3613T-57	221	1,167	5E3	93	3642M
EM3613T-BG	153	1,175	HV3	74	3630M
EM3613T-G	158	1,175	HV3	76	3630M

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EM3614T	23	1,037	GE3	93	3644M
EM3614T-5	26	1,037	GE3	90	3644M
EM3614T-G	158	1,234	HV3	94	3644M
EM3615T	23	816	GE3	93	3642M
EM3615T-5	26	816	GE3	89	3642M
EM3615T-5G	159	1,116	HV3	84	3642M
EM3615T-8	25	919	GE3	93	3642M
EM3615T-9	61	1,026	SDQ	95	3644M
EM3615T-57	221	930	5E3	101	3646M
EM3615T-BG	153	1,116	HV3	93	3642M
EM3615T-G	158	1,116	HV3	92	3642M
EM3616T	23	1,290	GE3	98	3646M
EM3616T-5	26	1,290	GE3	98	3646M
EM3617T	23	1,393	GE3	65	3628M
EM3618T	23	1,650	GE3	82	3646M
EM3660T	23	1,096	GE3	84	0618M
EM3660T-8	25	1,096	GE3	82	0618M
EM3660T-BG	153	1,260	HV3	58	0618M
EM3660T-G	158	1,260	HV3	58	0618M
EM3661T	23	1,127	GE3	97	0632M
EM3661T-5	26	1,127	GE3	97	0632M
EM3661T-8	25	1,127	GE3	96	0632M
EM3661T-BG	153	1,291	HV3	105	0632M
EM3661T-G	158	1,291	HV3	105	0632M
EM3663T	23	1,349	GE3	99	0628M
EM3663T-8	25	1,349	GE3	99	0628M
EM3663T-BG	153	1,513	HV3	99	0628M
EM3663T-G	158	1,513	HV3	99	0628M
EM3664T	23	1,237	GE3	109	0642M
EM3664T-BG	153	1,401	HV3	123	0642M
EM3664T-G	158	1,401	HV3	123	0642M
EM3665T	23	1,153	GE3	107	0642M
EM3665T-5	26	1,153	GE3	108	0642M
EM3665T-8	25	1,153	GE3	108	0642M
EM3665T-BG	159	1,350	HV3	119	0642M
EM3665T-G	153	1,317	HV3	115	0642M
EM3665T-9	158	1,317	HV3	115	0642M
EM3667T	23	1,217	GE3	93	0630M
EM3667T-BG	153	1,381	HV3	99	0630M
EM3667T-G	158	1,381	HV3	99	0630M
EM3702	192	2,603	DPL	111	3744M
EM3702T	23	2,089	GE3	110	3732M
EM3703	192	1,429	DPL	70	3632M
EM3704	192	1,758	DPL	132	3738M
EM3704T	23	1,349	GE3	134	3738M
EM3704T-5	26	1,349	GE3	129	3738M
EM3704T-BG	153	1,570	HV3	132	3738M
EM3704T-G	158	1,570	HV3	135	3738M
EM3705T	23	2,283	GE3	111	3744M
EM3706	192	1,987	DPL	74	3630M
EM3707	192	1,800	DPL	93	3642M
EM3708T	23	1,524	GE3	154	3752M
EM3708T-5	26	1,524	GE3	154	3752M
EM3708T-BG	153	1,745	HV3	154	3752M
EM3708T-G	158	1,745	HV3	154	3752M
EM3709	192	2,004	DPL	96	3646M
EM3709T	23	1,465	GE3	116	3728M
EM3709T-5	26	1,465	GE3	115	3728M
EM3709T-BG	221	1,619	5E3	121	3728M
EM3709T-G	153	1,686	HV3	121	3728M
EM3709T-9	158	1,686	HV3	133	3728M
EM3710T	23	1,177	GE3	184	3738M
EM3710T-5	26	1,177	GE3	123	3738M
EM3710T-5G	159	1,547	HV3	126	3738M
EM3710T-8	25	1,326	GE3	127	3738M
EM3710T-9	61	1,387	SDQ	140	3744M
EM3710T-58	221	1,290	5E3	127	3736M
EM3710T-BG	153	1,547	HV3	127	3738M
EM3710T-G	158	1,547	HV3	151	3738M
EM3711T	23	1,485	GE3	120	3730M
EM3711T-5	26	1,485	GE3	119	3728M
EM3711T-58	221	1,717	5E3	140	3740M
EM3711T-BG	153	1,706	HV3	118	3730M
EM3711T-G	158	1,706	HV3	118	3730M
EM3712	192	1,671	DPL	97	3644M
EM3713T	24	2,095	GE3	172	3752M
EM3713T-5	26	2,095	GE3	169	3752M
EM3714T	23	1,329	GE3	162	3752M
EM3714T-5	26	1,329	GE3	165	3752M
EM3714T-5G	159	1,718	HV3	165	3752M
EM3714T-8	25	1,497	GE3	165	3752M
EM3714T-9	61	1,614	SDQ	187	3760M
EM3714T-58	221	1,632	5E3	165	3752M
EM3714T-BG	153	1,718	HV3	165	3752M
EM3714T-G	158	1,718	HV3	156	3752M
EM3764T	23	1,541	GE3	173	0736M
EM3764T-BG	153	1,716	HV3	211	0736M
EM3764T-G	158	1,716	HV3	211	0736M

(1) Shipping weight (lbs.) is approximate.

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EM3768T	23	1,788	GE3	195	0746M
EM3768T-BG	153	1,963	HV3	198	0746M
EM3768T-G	158	1,963	HV3	198	0746M
EM3769T	23	1,561	GE3	165	0724M
EM3769T-8	25	1,561	GE3	155	0724M
EM3769T-BG	153	1,963	HV3	169	0726M
EM3769T-G	158	1,963	HV3	169	0726M
EM3770T	23	1,504	GE3	170	0738M
EM3770T-5	26	1,504	GE3	170	0738M
EM3770T-8	25	1,504	GE3	170	0738M
EM3770T-8G	159	1,725	HV3	170	0738M
EM3770T-BG	153	1,904	HV3	193	0738M
EM3770T-G	158	1,924	HV3	193	0738M
EM3771T	23	1,830	GE3	182	0730M
EM3771T-8	25	1,830	GE3	182	0730M
EM3771T-BG	153	2,005	HV3	164	0730M
EM3771T-G	158	2,035	HV3	164	0730M
EM3774T	23	1,687	GE3	191	0748M
EM3774T-5	26	1,687	GE3	185	0748M
EM3774T-8	25	1,687	GE3	189	0748M
EM3774T-8G	159	1,908	HV3	231	0748M
EM3774T-BG	153	1,862	HV3	232	0748M
EM3774T-G	158	1,907	HV3	232	0748M
EM4100T	24	3,880	GE3	391	1046M
EM4100T-BG	154	4,179	HV3	372	1046M
EM4100T-G	159	4,257	HV3	369	1046M
EM4102T	24	5,166	GE3	399	1054M
EM4102T-BG	154	5,465	HV3	406	1054M
EM4102T-G	159	5,543	HV3	393	1054M
EM4103T	24	3,246	GE3	388	1054M
EM4103T-5	26	3,246	GE3	380	1056M
EM4103T-5G	159	4,034	HV3	364	1056M
EM4103T-8	25	3,657	GE3	382	1054M
EM4103T-12	24	4,206	GE3	402	1054M
EM4103T-58	221	3,987	5E3	437	1056M
EM4103T-BG	154	3,956	HV3	420	1054M
EM4103T-G	159	4,034	HV3	400	1054M
EM4104T	24	3,850	GE3	430	1056M
EM4104T-5	26	3,850	GE3	408	1056M
EM4104T-5G	159	4,715	HV3	423	1056M
EM4104T-8	25	4,338	GE3	413	1056M
EM4104T-12	24	4,887	GE3	425	1056M
EM4104T-58	221	4,729	5E3	475	1064M
EM4104T-BG	154	4,637	HV3	437	1056M
EM4104T-G	159	4,715	HV3	410	1056M
EM4106T	24	2,766	GE3	262	0936M
EM4106T-5	26	2,766	GE3	252	0936M
EM4106T-8	25	2,766	GE3	242	0932M
EM4106T-G	159	3,059	HV3	261	0936M
EM4107T	24	3,609	GE3	327	0944M
EM4107T-5	26	3,609	GE3	335	0946M
EM4107T-8	25	3,609	GE3	305	0944M
EM4107T-G	159	3,986	HV3	323	0944M
EM4108T	24	4,288	GE3	347	0950M
EM4108T-5	26	4,288	GE3	331	0950M
EM4108T-8	25	4,288	GE3	324	0948M
EM4108T-G	159	4,665	HV3	336	0950M
EM4109T	24	5,877	GE3	551	1058M
EM4109T-5	26	5,877	GE3	522	1240M
EM4109T-G	159	6,333	HV3	532	1058M
EM4110T	24	5,035	GE3	570	1254M
EM4110T-5	26	5,035	GE3	575	1254M
EM4110T-5G	159	6,129	HV3	576	1254M
EM4110T-8	25	5,673	GE3	576	1254M
EM4110T-12	24	6,524	GE3	601	1260M
EM4110T-58	221	6,184	5E3	650	1272M
EM4110T-BG	154	6,039	HV3	578	1254M
EM4110T-G	159	6,129	HV3	596	1254M
EM4111T	24	5,845	GE3	445	1072M
EM4111T-BG	154	6,211	HV3	475	1072M
EM4111T-G	159	6,301	HV3	507	1072M
EM4112T	24	7,355	GE3	534	1252M
EM4114T	24	6,429	GE3	575	1252M
EM4114T-5	26	6,429	GE3	574	1252M
EM4114T-G	159	6,885	HV3	584	1252M
EM4115T	24	5,501	GE3	650	1272M
EM4115T-5	26	5,501	GE3	623	1272M
EM4115T-5G	159	6,655	HV3	644	1272M
EM4115T-8	25	6,199	GE3	621	1266M
EM4115T-12	24	7,050	GE3	652	1272M
EM4115T-58	221	6,757	5E3	800	1272M
EM4115T-BG	154	6,565	HV3	641	1272M
EM4115T-G	159	6,655	HV3	648	1272M
EM4115TS	24	6,199	GE3	639	1272M
EM4116T	24	9,084	GE3	578	1256M
EM4117T	24	6,753	GE3	604	1264M
EM4117T-G	159	7,209	HV3	604	1264M

Catalog Number	Page Number	List Price	Disc. Sym.	Ship Wgt ⁽¹⁾	Type Code
EM4118T	24	3,226	GE3	305	0944M
EM4308T	24	8,414	GE3	899	A3662M
EM4308T-G	159	9,194	HV3	883	A3662M
EM4310T	24	9,032	GE3	810	A3656M
EM4310T-G	159	9,843	HV3	900	A3656M
EM4312T	24	10,167	GE3	902	A3662M
EM4312T-G	159	11,035	HV3	910	A3662M
EM4313T	24	10,507	GE3	980	A3668M
EM4313T-G	159	11,392	HV3	966	A3668M
EM4314T	24	7,938	GE3	912	A3658M
EM4314T-5	26	7,938	GE3	919	A3658M
EM4314T-12	24	10,257	GE3	850	A3658M
EM4314T-58	221	9,722	5E3	910	A36070M
EM4314T-G	159	9,724	HV3	907	A3658M
EM4314TS	24	8,919	GE3	907	A3658M
EM4316T	24	9,282	GE3	955	A3670M
EM4316T-5	26	9,282	GE3	958	A3670M
EM4316T-12	24	11,994	GE3	955	A3670M
EM4316T-G	159	11,310	HV3	956	A3670M
EM4316TS	24	10,429	GE3	946	A3670M
EM4338T	24	10,102	GE3	813	A36050M
EM4348T	24	12,530	GE3	875	A36062M
EM4400T	24	11,494	GE3	1,203	A40064M
EM4400T-5	26	11,494	GE3	1,208	A40064M
EM4400T-12	24	14,895	GE3	1,211	A40064M
EM4400T-G	159	14,152	HV3	1,214	A40064M
EM4400TS	24	12,952	GE3	1,206	A40064M
EM4402T-4	24	13,434	GE3	1,187	A40060M
EM4403T	24	12,341	GE3	1,187	A40064M
EM4404T	24	14,371	GE3	1,229	A40064M
EM4406T-4	24	16,367	GE3	1,826	A4488M
EM4406T-5	26	16,367	GE3	2,151	A4488M
EM4406T-5E	26	16,367	GE3	1,770	A44078M
EM4406TR-4	24	19,671	GE3	1,826	A4488M
EM4406TS-4	24	18,443	GE3	2,071	A4488M
EM4407T-4	25	23,119	GE3	2,497	A44120M
EM4407TR-4	25	24,347	GE3	2,531	A44120M
EM4407TS-4	25	23,119	GE3	2,487	A44120M
EM4408T-4	25	30,317	GE3	2,888	A44144M
EM4408TR-4	25	31,545	GE3	2,888	A44144M
EM4408TS-4	25	30,317	GE3	2,888	A44144M
EM4409T-4	24	17,345	GE3	1,828	A44064M
EM4410T-4	24	14,296	GE3	1,969	A44076M
EM4410T-5	26	14,228	GE3	1,669	A44076M
EM4410T-5E	26	16,033	GE3	1,626	A44062M
EM4410TR-4	24	17,261	GE3	1,988	A44076M
EM4410TS-4	24	16,033	GE3	2,001	A44076M
EM4411T-4	24	20,405	GE3	2,073	A44090M
EM4412T-4	24	16,605	GE3	1,901	A4468M
EM4413T-4	24	19,538	GE3	1,995	A4478M
EM4416T-4	25	23,416	GE3	2,355	A44104M
EM4458T	24	15,386	GE3	1,216	A40060M
EM4468T	24	17,769	GE3	1,216	A40060M
EM25254T-4	35	17,108	G03	2,036	A44100M
EM25402T-4	35	36,592	G03	2,083	A44112M
EM25404T-4	35	33,445	G03	2,799	A44140M
EM25452T-4	35	40,294	G03	2,284	A44112M
EM25454T-4	35	37,824	G03	2,888	A44144M
EM25694T-4	35	26,089	G03	2,151	A44112M
EM30003	33	427	G03	21	3413M
EM30004	33	472	G03	24	3416M
EM30006	33	448	G03	22	3413M
EM30007	33	451	G03	24	3416M
EM30008	33	494	G03	27	3421M
EM30009	33	482	G03	24	3416M
EM30010	33	497	G03	31	3424M
EM30011	33	543	G03	34	3428M
EM30012	33	480	G03	22	3416M
EM31101	33	472	G03	24	3416M
EM31104	33	451	G03	24	3416M
EM31104-5	36	451	G03	24	3416M
EM31105	33	494	G03	27	3421M
EM31107	33	482	G03	24	3416M
EM31108	33	497	G03	31	3424M
EM31108-5	36	497	G03	31	3424M
EM31108A	33	564	G03	31	3424M
EM31109	33	543	G03	34	3428M
EM31111	33	480	G03	24	3416M
EM31112	33	547	G03	32	3516M
EM31112-5	36	547	G03	33	3514M
EM31112A	33	614	G03	32	3516M
EM31115	33	492	G03	27	3420M
EM31116	33	576	G03	29	3520M
EM31116-5	36	576	G03	38	3520M
EM31116A	33	603	G03	29	3520M
EM31120	33	508	G03	34	3518M
EM31153	33	668	G03	39	3524M

(1) Shipping weight (lbs.) is approximate.

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EM31154	33	631	G03	36	3526M
EM31154A	33	698	G03	41	3526M
EM31155	33	572	G03	43	3524M
EM31156	33	842	G03	41	3526M
EM31157	33	662	G03	45	3530M
EM31158	34	641	G03	50	3528M
EM31159	33	810	G03	54	3540M
EM44156T-4	24	23,372	GE3	2,571	A44120M
EM44206T-4	25	28,836	GE3	3,017	A44160M
EM44252T-4	25	36,462	GE3	2,595	A44128M
EM44256T-4	25	42,159	GE3	3,125	A44160M
EM44302T-4	25	52,899	GE3	2,595	A44128M
EM44304T-4	25	41,654	GE3	2,888	A44144M
EM44304TS-4	25	41,654	GE3	2,888	A44144M
EM44306T-4	25	50,016	GE3	3,683	A44208M
EM44352T-4	25	63,494	GE3	2,855	A44144M
EM44354T-4	25	50,140	GE3	3,027	A44160M
EM44354TS-4	25	50,140	GE3	3,027	A44160M
EM44402T-4	25	74,283	GE3	3,700	A44208M
EM44404T-4	25	62,429	GE3	3,680	A44208M
EM251152T-4	187	13,117	DPC	1,140	A40058M
EM251202T-4	187	14,864	DPC	1,737	A44056M
EM251252T-4	187	17,437	DPC	1,539	A44068M
EM251302T-4	187	27,254	DPC	1,899	A44084M
EM251352T-4	187	31,190	DPC	1,899	A44084M
EM251402T-4	187	36,592	DPC	4,000	A44112M
EM251452T-4	187	40,294	DPC	4,000	A44112M
EM251502T-4	187	44,548	DPC	2,595	A44128M
EMM2333	217	2,388	BIM	250	0944M
EMM2334	217	2,899	BIM	313	0960M
EMM3554	217	825	BIM	44	3526M
EMM3558	217	842	BIM	45	3528M
EMM3559	217	948	BIM	51	3532M
EMM3611	217	945	BIM	71	3632M
EMM3613	217	960	BIM	78	3634M
EMM3615	217	1,026	BIM	90	3642M
EMM3709	217	1,449	BIM	118	3728M
EMM3710	217	1,468	BIM	151	3738M
EMM3711	217	1,518	BIM	119	3730M
EMM3714	217	1,660	BIM	165	3752M
EMM08112-S-AP	206	575	IPP	51	-
EMM08112-S-PP	209	643	IPP	42	-
EMM08256-S-PP	209	511	IPP	31	-
EMM08376-S-PP	209	565	IPP	35	-
EMM08554-S-PP	209	522	IPP	44	-
EMM08556-S-PP	209	643	IPP	46	-
EMM08752-S-AP	206	529	IPP	21	-
EMM08752-S-PP	209	591	IPP	40	-
EMM08754-S-AP	206	550	IPP	66	-
EMM08754-S-PP	209	614	IPP	49	-
EMM09114-S-AP	206	627	IPP	170	-
EMM09114-S-PP	209	700	IPP	73	-
EMM09152-S-AP	206	686	IPP	82	-
EMM09152-S-PP	209	766	IPP	68	-
EMM09154-S-AP	206	737	IPP	93	-
EMM09154-S-PP	209	823	IPP	75	-
EMM09222-S-AP	206	863	IPP	97	-
EMM09222-S-PP	209	964	IPP	77	-
EMM09756-S-AP	206	693	IPP	93	-
EMM09756-S-PP	209	775	IPP	75	-
EMM10032-S-AP	206	1,022	IPP	137	-
EMM10032-S-PP	209	1,142	IPP	110	-
EMM10034-S-AP	206	1,074	IPP	79	-
EMM10034-S-PP	209	1,199	IPP	108	-
EMM10116-S-AP	206	850	IPP	93	-
EMM10116-S-PP	209	950	IPP	104	-
EMM10156-S-AP	206	973	IPP	77	-
EMM10224-S-AP	206	904	IPP	174	-
EMM10224-S-PP	209	1,010	IPP	108	-
EMM11042-S-AP	206	1,220	IPP	185	-
EMM11042-S-PP	209	1,363	IPP	123	-
EMM11044-S-AP	206	1,276	IPP	97	-
EMM11044-S-PP	209	1,426	IPP	115	-
EMM11156-S-PP	209	1,087	IPP	117	-
EMM11226-S-AP	206	1,223	IPP	209	-
EMM13036-S-AP	206	1,354	IPP	320	-
EMM13036-S-PP	209	1,699	IPP	181	-
EMM13046-S-AP	206	1,686	IPP	326	-
EMM13046-S-PP	209	2,115	IPP	181	-
EMM13226-S-PP	209	1,366	IPP	179	-
EMM13552-D-PP	209	1,776	IPP	170	-
EMM13552-S-AP	206	1,416	IPP	128	-
EMM13554-D-PP	209	1,831	IPP	179	-
EMM13554-S-AP	206	1,459	IPP	331	-
EMM13556-D-PP	209	2,614	IPP	174	-
EMM13556-S-AP	206	2,084	IPP	306	-
EMM13752-D-PP	209	2,212	IPP	170	-
EMM13752-S-AP	206	1,764	IPP	306	-

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EMM13754-D-PP	209	2,310	IPP	179	-
EMM13754-S-AP	206	1,841	IPP	331	-
EMM16112-D-PPN	210	2,795	IPP	311	-
EMM16112-S-AP	207	2,027	IPP	234	-
EMM16114-D-PPN	210	2,593	IPP	382	-
EMM16114-S-AP	207	2,068	IPP	277	-
EMM16116-S-AP	207	2,997	IPP	306	-
EMM16152-D-PPN	210	3,615	IPP	375	-
EMM16152-S-AP	207	2,631	IPP	271	-
EMM16154-D-PPN	210	3,339	IPP	413	-
EMM16154-S-AP	207	2,676	IPP	308	-
EMM16182-D-PPN	210	3,991	IPP	403	-
EMM16182-S-AP	207	3,157	IPP	403	-
EMM16756-S-AP	206	2,196	IPP	480	-
EMM18156-S-AP	207	3,728	IPP	385	-
EMM18184-D-PPN	210	3,808	IPP	519	-
EMM18184-S-AP	207	3,340	IPP	389	-
EMM18222-D-PPN	210	4,460	IPP	516	-
EMM18222-S-AP	207	3,911	IPP	387	-
EMM18224-D-PPN	210	4,565	IPP	519	-
EMM18224-S-AP	207	3,637	IPP	387	-
EMM20186-S-AP	207	4,872	IPP	480	-
EMM20226-S-AP	207	5,238	IPP	539	-
EMM20302-D-PPN	210	5,582	IPP	657	-
EMM20302-S-AP	207	4,895	IPP	496	-
EMM20304-D-PPN	210	5,791	IPP	703	-
EMM20304-S-AP	207	5,078	IPP	387	-
EMM20372-D-PPN	210	7,356	IPP	692	-
EMM20372-S-AP	207	6,451	IPP	531	-
EMM22306-S-AP	207	7,137	IPP	683	-
EMM22374-D-PPN	210	7,069	IPP	877	-
EMM22374-S-AP	207	6,199	IPP	694	-
EMM22452-D-PPN	210	8,817	IPP	692	-
EMM22452-S-AP	207	7,731	IPP	719	-
EMM22454-D-PPN	210	8,530	IPP	877	-
EMM22454-S-AP	207	6,794	IPP	696	-
EMM25376-S-AP	207	9,378	IPP	809	-
EMM25552-D-PPN	210	10,695	IPP	997	-
EMM25552-S-AP	207	9,378	IPP	773	-
EMM25554-D-PPN	210	10,303	IPP	1,049	-
EMM25554-S-AP	207	9,035	IPP	828	-
EMM28752-D-PP	210	16,039	IPP	1,466	-
EMM28754-D-PP	210	15,494	IPP	1,466	-
EMM28902-D-PP	210	19,253	IPP	1,598	-
EMM28904-D-PP	210	18,105	IPP	1,598	-
EMVM3545D	218	825	BIM	27	3420M
EMVM3546C	219	835	BIM	38	3520M
EMVM3546D	218	851	BIM	38	3520M
EMVM3550D	218	863	BIM	38	3520M
EMVM3554D	218	863	BIM	41	3526M
EMVM3555D	218	935	BIM	41	3526M
EMVM3558C	219	890	BIM	45	3528M
EMVM3558D	218	910	BIM	45	3528M
EMVM3559C	219	994	BIM	50	3532M
EMVM3559D	218	1,013	BIM	50	3532M
EMVM3611C	219	1,070	BIM	70	3632M
EMVM3611D	218	1,087	BIM	89	3632M
EMVM3613C	219	1,310	BIM	81	3634M
EMVM3613D	218	1,326	BIM	81	3634M
EMVM3615C	219	1,221	BIM	93	3642M
EMVM3615D	218	1,240	BIM	93	3642M
EMVM3709D	218	1,814	BIM	96	3646M
EMVM3710D	218	1,679	BIM	151	3738M
EMVM3711D	218	2,200	BIM	118	3730M
EMVM3714D	218	2,062	BIM	165	3752M
EMVM08112C-S-AP	208	650	IPP	51	-
EMVM08112C-S-PP	211	726	IPP	42	-
EMVM08112D-S-AP	207	650	IPP	51	-
EMVM08112D-S-PP	210	726	IPP	42	-
EMVM08256C-S-PP	211	594	IPP	31	-
EMVM08256D-S-PP	210	594	IPP	31	-
EMVM08376C-S-PP	211	643	IPP	35	-
EMVM08376D-S-PP	210	643	IPP	35	-
EMVM08554C-S-PP	211	611	IPP	44	-
EMVM08554D-S-PP	210	611	IPP	44	-
EMVM08556C-S-PP	211	726	IPP	46	-
EMVM08556D-S-PP	210	726	IPP	46	-
EMVM08752C-S-AP	208	606	IPP	46	-
EMVM08752C-S-PP	211	677	IPP	40	-
EMVM08752D-S-AP	207	606	IPP	46	-
EMVM08752D-S-PP	210	677	IPP	40	-
EMVM08754C-S-AP	208	616	IPP	66	-
EMVM08754C-S-PP	211	689	IPP	49	-
EMVM08754D-S-AP	207	616	IPP	66	-
EMVM08754D-S-PP	210	689	IPP	49	-
EMVM09114C-S-AP	208	706	IPP	42	-
EMVM09114C-S-PP	211	789	IPP	73	-

(1) Shipping weight (lbs.) is approximate.

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EMVM09114D-S-AP	207	706	IPP	93	-
EMVM09114D-S-PP	210	789	IPP	73	-
EMVM09152C-S-AP	208	765	IPP	82	-
EMVM09152C-S-PP	211	855	IPP	68	-
EMVM09152D-S-AP	207	765	IPP	82	-
EMVM09152D-S-PP	210	855	IPP	68	-
EMVM09154C-S-AP	208	845	IPP	93	-
EMVM09154C-S-PP	211	944	IPP	75	-
EMVM09154D-S-AP	207	845	IPP	93	-
EMVM09154D-S-PP	210	944	IPP	75	-
EMVM09222C-S-AP	208	948	IPP	97	-
EMVM09222C-S-PP	211	1,059	IPP	77	-
EMVM09222D-S-AP	207	948	IPP	97	-
EMVM09222D-S-PP	210	1,059	IPP	77	-
EMVM09756C-S-AP	208	758	IPP	93	-
EMVM09756C-S-PP	211	846	IPP	75	-
EMVM09756D-S-AP	207	758	IPP	93	-
EMVM09756D-S-PP	210	846	IPP	75	-
EMVM10032C-S-AP	208	1,125	IPP	137	-
EMVM10032C-S-PP	211	1,257	IPP	110	-
EMVM10032D-S-AP	207	1,125	IPP	137	-
EMVM10032D-S-PP	210	1,257	IPP	110	-
EMVM10034C-S-AP	208	1,197	IPP	174	-
EMVM10034C-S-PP	211	1,337	IPP	108	-
EMVM10034D-S-AP	207	1,197	IPP	174	-
EMVM10034D-S-PP	210	1,337	IPP	108	-
EMVM10116C-S-AP	208	907	IPP	170	-
EMVM10116C-S-PP	211	1,013	IPP	104	-
EMVM10116D-S-AP	207	907	IPP	170	-
EMVM10116D-S-PP	210	1,013	IPP	104	-
EMVM10156C-S-AP	208	1,053	IPP	170	-
EMVM10156D-S-AP	207	1,053	IPP	170	-
EMVM10224C-S-AP	208	1,004	IPP	174	-
EMVM10224C-S-PP	211	1,122	IPP	108	-
EMVM10224D-S-AP	207	1,004	IPP	174	-
EMVM10224D-S-PP	210	1,122	IPP	108	-
EMVM11042C-S-AP	208	1,346	IPP	185	-
EMVM11042C-S-PP	211	1,504	IPP	123	-
EMVM11042D-S-AP	207	1,346	IPP	185	-
EMVM11042D-S-PP	210	1,504	IPP	123	-
EMVM11044C-S-AP	208	1,397	IPP	214	-
EMVM11044C-S-PP	211	1,561	IPP	115	-
EMVM11044D-S-AP	207	1,397	IPP	214	-
EMVM11044D-S-PP	210	1,561	IPP	115	-
EMVM11156C-S-PP	211	1,176	IPP	117	-
EMVM11156D-S-PP	210	1,176	IPP	117	-
EMVM11226C-S-AP	208	1,302	IPP	209	-
EMVM11226D-S-AP	207	1,302	IPP	209	-
EMVM13036C-S-AP	208	1,636	IPP	320	-
EMVM13036C-S-PP	211	1,828	IPP	181	-
EMVM13036D-S-AP	207	1,636	IPP	320	-
EMVM13036D-S-PP	210	1,828	IPP	181	-
EMVM13046C-S-AP	208	1,770	IPP	326	-
EMVM13046C-S-PP	211	2,221	IPP	181	-
EMVM13046D-S-AP	207	1,770	IPP	326	-
EMVM13046D-S-PP	210	2,221	IPP	181	-
EMVM13226C-S-PP	211	1,455	IPP	179	-
EMVM13226D-S-PP	210	1,455	IPP	179	-
EMVM13552C-D-PP	211	1,960	IPP	170	-
EMVM13552C-S-AP	208	1,562	IPP	282	-
EMVM13552D-D-PP	210	1,960	IPP	170	-
EMVM13552D-S-AP	207	1,562	IPP	282	-
EMVM13554C-D-PP	211	1,997	IPP	179	-
EMVM13554C-S-AP	208	1,592	IPP	331	-
EMVM13554D-D-PP	210	1,997	IPP	179	-
EMVM13554D-S-AP	207	1,592	IPP	331	-
EMVM13556C-D-PP	211	2,700	IPP	174	-
EMVM13556C-S-AP	208	2,152	IPP	306	-
EMVM13556D-D-PP	210	2,700	IPP	174	-
EMVM13556D-S-AP	207	2,152	IPP	306	-
EMVM13752C-D-PP	211	2,379	IPP	170	-
EMVM13752C-S-AP	208	1,896	IPP	306	-
EMVM13752D-D-PP	210	2,379	IPP	170	-
EMVM13752D-S-AP	207	1,896	IPP	306	-
EMVM13754C-D-PP	211	2,519	IPP	179	-
EMVM13754C-S-AP	208	2,008	IPP	331	-
EMVM13754D-D-PP	210	2,519	IPP	179	-
EMVM13754D-S-AP	207	2,008	IPP	331	-
ENC00NV	267	1,932	SVC	2	-
ENC00NV-A2	247	1,442	SVC	1	-
ENC00NV-B1	247	1,442	SVC	2	-
ENC00NV-D1	247	1,622	SVC	4	-
ENC00NV-D2	247	2,158	SVC	4	-
ENC01BC-B1	247	1,442	SVC	3	-
ENC01BC-D2	247	2,158	SVC	4	-
ENC01NV-A2	247	1,442	SVC	1	-
ENC01NV-B2	247	1,442	SVC	2	-

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ENC01NV-D2	247	2,158	SVC	4	-
ENC02BC-A2	247	2,234	SVC	1	-
ENC02BC-B2	247	1,631	SVC	2	-
ENC02BC-D2	247	1,622	P50	4	-
ENCP3581T-4	47	1,087	SDM	56	0524M
ENCP83580T-4	53	994	SD8	56	0520M
ENCP83581T-4	53	1,087	SD8	60	0524M
ENM3546	23	738	GE3	39	3524M
ENM3546T	23	738	GE3	39	3524M
ENM3554T	23	820	GE3	50	3534M
EPCL1322M	191	983	DPS	66	3546LC
ERHM3162TA	172	1,138	HV3	60	3540M
ERL1203A	171	312	HV1	20	3411LC
ERL1206A	171	345	HV1	24	-
ERL1306A	171	459	HV1	26	3428LC
ERL1309A	171	528	HV1	36	3524LC
ERL1313A	171	689	HV1	52	3532LC
ERL1319A	171	774	HV1	59	3540LC
ERL1319A277	171	774	HV1	59	3540LC
ERM3003	171	437	HV3	21	3413M
ERM3007	171	455	HV3	24	3416M
ERM3009	171	480	HV3	24	3416M
ERM3010	171	489	HV3	31	3424M
ERM3104	171	455	HV3	24	3416M
ERM3108	171	489	HV3	31	3424M
ERM3111	171	485	HV3	24	3416M
ERM3112	171	539	HV3	38	3516M
ERM3115	171	512	HV3	27	3420M
ERM3116	171	562	HV3	37	3520M
ERM3120	171	543	HV3	34	3518M
ERM3154	171	580	HV3	41	3526M
ERM3155	171	630	HV3	43	3524M
ERM3157	171	673	HV3	43	3526M
ERM3158TA	172	797	HV3	48	3530M
EWCM3212T	138	1,027	PC3	63	3622M
EWCM3219T	138	1,492	PC3	77	3632M
EWCM3312T	138	1,739	PC3	121	3728M
EWCM3314T	138	2,344	PC3	131	3734M
EWCM3709T	135	1,764	PC3	96	3646M
EWCM3710T	135	1,625	PC3	129	3738M
EWCM3711T	135	1,784	PC3	118	3730M
EWCM3713T	135	2,394	PC3	169	3752M
EWCM3714T	135	1,796	PC3	187	3756M
EWDM2280T	100	5,086	WDW	320	0940M
EWDM2395T	100	8,197	WDW	469	1060M
EWDM2401T	100	5,514	WDW	320	0960M
EWDM2402T	100	6,141	WDW	391	1046M
EWDM3545T	90	879	WDW	35	3516M
EWDM3546	90	905	WDW	39	3524M
EWDM3546T	90	927	WDW	39	3524M
EWDM3550T	90	908	WDW	48	3528M
EWDM3554T	90	1,019	WDW	49	3534M
EWDM3555T	90	1,145	WDW	50	3532M
EWDM3556T	90	1,065	WDW	41	3526M
EWDM3558T	90	1,196	WDW	46	3528M
EWDM3607T	90	1,178	WDW	91	3632M
EWDM3610T	90	1,247	WDW	50	3532M
EWDM3611T	90	1,493	WDW	73	3632M
EWDM3613T	90	1,799	WDW	74	3630M
EWDM3614T	90	1,320	WDW	100	3644M
EWDM3615T	90	1,699	WDW	90	3642M
EWDM3617T	90	1,755	WDW	65	3628M
EWDM3618T	90	2,062	WDW	95	3646M
EWDM3702T	90	2,882	WDW	111	3744M
EWDM3704T	90	1,712	WDW	139	3738M
EWDM3705T	90	3,184	WDW	111	3744M
EWDM3708T	90	1,936	WDW	185	3752M
EWDM3709T	90	2,518	WDW	129	3738M
EWDM3710T	90	2,127	WDW	151	3738M
EWDM3711T	90	2,664	WDW	123	3730M
EWDM3714T	90	2,317	WDW	165	3752M
EWDM4100T	100	4,470	WDW	391	1046M
EWDM4102T	100	6,073	WDW	429	1056M
EWDM4103T	100	4,122	WDW	437	1054M
EWDM4104T	100	4,803	WDW	437	1056M
EWDM4107T	100	4,301	WDW	265	0944M
EWDM4108T	100	5,243	WDW	299	0950M
EWDM4109T	100	7,202	WDW	470	1058M
EWDM4110T	100	6,283	WDW	601	1254M
EWDM4111T	100	6,346	WDW	605	1260M
EWDM4112T	100	9,345	WDW	578	1256M
EWDM4114T	100	7,547	WDW	575	1252M
EWDM4115T	100	7,375	WDW	700	1272M
EWDM4116T	100	11,670	WDW	578	1256M
EWDM4117T	100	8,181	WDW	649	1264M
EWDM4308T	100	10,681	WDW	910	A36062M
EWDM4310T	100	11,474	WDW	999	A36056M
EWDM4312T	100	11,377	WDW	910	A36062M

(1) Shipping weight (lbs.) is approximate.

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EWD44313T	100	12,361	WDW	1,005	A36068M
EWD44314T	100	10,826	WDW	961	A3658M
EWD44316T	100	11,770	WDW	965	A36070M
EWD44338T	100	12,340	WDW	806	A36050M
EWD44348T	100	14,189	WDW	910	A36062M
EWD44403T	100	15,541	WDW	1,322	A40064M
EWD44404T	100	18,913	WDW	1,322	A40064M
EWD44419T	100	25,317	WDW	1,815	A44072M
EWD44458T	100	19,150	WDW	1,216	A40060M
EWD44468T	100	20,505	WDW	1,216	A40060M
EWD4458T	90	3,674	WDW	265	3954M
EWD4468T	90	4,214	WDW	276	3956M
EWD4468T	90	4,997	WDW	248	3942M
EWD4468T	90	5,823	WDW	269	3952M
EWD4468T	90	5,080	WDW	169	3756M
EWD4468T	90	5,856	WDW	242	3940M
FCD34	281	94	SVC	1	-
FCD34TEFC	281	110	SVC	1	-
FCD35	281	25	SVC	1	-
FCD35M	281	94	SVC	6	-
FCD35TEFC	281	150	SVC	1	-
FCD36	281	115	SVC	2	-
FCD36TEFC	281	161	SVC	2	-
FCD37	281	139	SVC	3	-
FCD37TEFC	281	165	SVC	2	-
FCD39	281	186	SVC	3	-
FCD40	281	275	SVC	3	-
FCD42	281	275	SVC	5	-
FDA013504A	179	485	FD1	32	3424LC
FDA013507A	179	530	FD1	35	3428LC
FDA013521A	179	575	FD1	39	3524LC
FDA013532A	179	677	FD1	50	3532LC
FDEM2333T	176	2,464	FD3	270	0944M
FDEM2333T-5	177	2,464	FD3	268	0944M
FDEM2334T	176	2,978	FD3	300	0960M
FDEM2334T-5	177	2,987	FD3	322	0960M
FDEM2394T	176	2,688	FD3	254	0930M
FDEM2394T-5	177	2,688	FD3	239	0934M
FDEM3546	176	755	FD3	38	3520M
FDEM3546-5	177	755	FD3	37	3520M
FDEM3546T	176	765	FD3	38	3520M
FDEM3546T-5	177	765	FD3	37	3520M
FDEM3554	176	772	FD3	41	3526M
FDEM3554-5	177	772	FD3	41	3526M
FDEM3554T	176	787	FD3	41	3526M
FDEM3554T-5	177	787	FD3	41	3526M
FDEM3558	176	791	FD3	45	3528M
FDEM3558-5	177	791	FD3	45	3528M
FDEM3558T	176	815	FD3	45	3528M
FDEM3558T-5	177	815	FD3	45	3528M
FDEM3610T	176	936	FD3	64	3540M
FDEM3610T-5	177	936	FD3	50	3532M
FDEM3611T	176	903	FD3	70	3632M
FDEM3611T-5	177	903	FD3	73	3632M
FDEM3613T	176	1,048	FD3	74	3630M
FDEM3613T-5	177	1,048	FD3	74	3630M
FDEM3615T	176	986	FD3	93	3642M
FDEM3615T-5	177	986	FD3	93	3642M
FDEM3709T	176	1,565	FD3	121	3728M
FDEM3709T-5	177	1,565	FD3	121	3728M
FDEM3710T	176	1,419	FD3	127	3738M
FDEM3710T-5	177	1,419	FD3	129	3738M
FDEM3711T	176	1,586	FD3	118	3730M
FDEM3711T-5	177	1,586	FD3	121	3728M
FDEM3714T	176	1,599	FD3	165	3752M
FDEM3714T-5	177	1,599	FD3	165	3752M
FDEM4103T	176	3,893	FD3	380	1054M
FDEM4103T-5	177	3,893	FD3	447	1054M
FDEM4104T	176	4,608	FD3	425	1056M
FDEM4104T-5	177	4,606	FD3	461	1056M
FDEM4106T	176	2,947	FD3	271	0936M
FDEM4106T-5	177	2,947	FD3	229	0936M
FDEM4107T	176	3,842	FD3	323	0944M
FDEM4107T-5	177	3,842	FD3	317	0946M
FDEM4108T	176	4,555	FD3	323	0950M
FDEM4108T-5	177	4,555	FD3	317	0950M
FDEM4109T	176	6,276	FD3	528	1058M
FDEM4109T-5	177	6,276	FD3	553	1240M
FDEM4110T	176	6,062	FD3	567	1254M
FDEM4110T-5	177	6,062	FD3	605	1254M
FDEM4114T	176	6,856	FD3	575	1252M
FDEM4114T-5	177	6,856	FD3	595	1252M
FDEM4115T	176	6,614	FD3	610	1272M
FDEM4115T-5	177	6,614	FD3	695	1272M
FDEM4314T	176	9,497	FD3	910	A3658M
FDEM4314T-5	177	9,497	FD3	965	A3670M
FDEM4316T	176	11,072	FD3	977	A36070M
FDEM4316T-5	177	11,072	FD3	965	A36070M

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FDEM4400T	176	13,784	FD3	1,326	A40064M
FDEM4400T-5	177	13,784	FD3	1,326	A40064M
FDL1177T	178	4,594	FD1	322	0956LC
FDL3501M	178	453	FD1	23	3414L
FDL3504M	178	529	FD1	28	3421L
FDL3507M	178	621	FD1	37	3432LC
FDL3510M	178	703	FD1	41	3524L
FDL3510TM	178	703	FD1	40	3524L
FDL3514M	178	791	FD1	49	3532LC
FDL3514TM	178	793	FD1	51	3532LC
FDL3516TM	178	1,119	FD1	51	3535LC
FDL3610M	178	1,537	FD1	90	3640LC
FDL3610TM	178	1,500	FD1	90	3640LC
FDL3611M	178	1,295	FD1	76	3634L
FDL3611TM	178	1,262	FD1	77	3634L
FDL3612TM	178	1,574	FD1	100	3646LC
FDL3619TM	178	1,208	FD1	82	3634LC
FDL3712TM	178	2,252	FD1	160	3752LC
FDL3731M	178	1,934	FD1	126	3730LC
FDL3732M	178	2,226	FD1	147	3740LC
FDL3733TM	178	2,049	FD1	146	3740LC
FDL3737TM	178	2,397	FD1	169	3752LC
FDL3912T	178	3,475	FD1	290	3956LC
FDM3538	176	530	FD3	24	3416M
FDM3542	176	567	FD3	27	3420M
FFC05	282	149	SVC	6	-
FFC07WB	282	236	SVC	19	-
FFC09	282	221	SVC	25	-
FFC09WB	282	324	SVC	28	-
FFC18	282	289	SVC	90	-
FFC19	282	352	SVC	120	-
FLT3210-250	266	791	SVC	2	-
FLT4280	266	791	SVC	9	-
FLT6320-400	266	791	SVC	14	-
FLT8500	266	965	SVC	9	-
FM3311T-8	41	866	GO3	96	3643M
FMTG50XPYIV	267	3,500	R3B	6	-
FMTG100XPYIV	267	3,500	R3B	6	-
FPM2513T	122	1,967	PF3	205	3936M
FPM2514T	122	2,051	PF3	145	3742M
FPM2514T-5	123	2,051	PF3	145	3742M
FPM2515T	122	2,113	PF3	210	3936M
FPM2515T-5	123	2,113	PF3	231	3936M
FPM2516T	122	2,293	PF3	210	3934M
FPM2516T-2/4	122	2,293	PF3	206	3934M
FPM2516T-5	123	2,293	PF3	223	3934M
FPM2531TS	122	2,548	PF3	236	3956M
FPM2531TS-2/4	122	2,548	PF3	236	3956M
FPM2531TS-5	123	2,548	PF3	320	3956M
FPM2534T	122	2,647	PF3	235	3936M
FPM2534T-2/4	122	2,647	PF3	235	3936M
FPM2534T-5	123	2,647	PF3	240	3936M
FPM2535TS	122	3,162	PF3	334	4052M
FPM2535TS-2/4	122	3,162	PF3	375	4052M
FPM2535TS-5	123	3,162	PF3	420	4052M
FPM2538T	122	3,363	PF3	280	3954M
FPM2538T-2/4	122	3,363	PF3	254	3954M
FPM2538T-5	123	3,363	PF3	287	3954M
FPM2539TS	122	3,515	PF3	400	4052M
FPM2539TS-2/4	122	3,515	PF3	380	4052M
FPM2539TS-5	123	3,515	PF3	400	4052M
FPM2542T	122	3,835	PF3	331	4044M
FPM2542T-2/4	122	3,835	PF3	331	4044M
FPM2542T-5	123	3,835	PF3	449	4044M
FPM2543TS	122	3,882	PF3	385	4064M
FPM2543TS-2/4	122	3,882	PF3	385	4064M
FPM2543TS-5	123	3,882	PF3	452	4064M
FPM2546T	122	4,677	PF3	385	4062M
FPM2546T-2/4	122	4,677	PF3	385	4062M
FPM2546T-5	123	4,677	PF3	449	4062M
FPM2547TS	122	4,976	PF3	480	4252M
FPM2547TS-2/4	122	4,976	PF3	480	4252M
FPM2547TS-5	123	4,976	PF3	480	4252M
FPM2549T	122	6,378	PF3	485	4250M
FPM2549T-2/4	122	6,378	PF3	485	4250M
FPM2549T-5	123	6,378	PF3	480	4250M
FPM2550T	122	6,922	PF3	533	4260M
FPM2550T-2/4	122	6,922	PF3	533	4260M
FPM2550T-5	123	6,922	PF3	525	4260M
FPM2551TS	122	5,598	PF3	570	4272M
FPM2551TS-2/4	122	5,598	PF3	570	4272M
FPM2551TS-5	123	5,598	PF3	573	4272M
FPM2554T-4	122	9,635	PF3	660	4456M
FPM2555TS	122	8,407	PF3	597	4462M
FPM2555TS-2/4	122	8,407	PF3	597	4462M
FPM2555TS-5	123	8,407	PF3	648	4462M
FPM2556T-4	122	11,830	PF3	600	4466M

(1) Shipping weight (lbs.) is approximate.

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FPM2558TS-4	122	11,560	PF3	1,579	A44054M
FPM2559TS-4	122	9,919	PF3	590	4476M
FPM2562T-4	122	15,174	PF3	1,449	A44048M
FPM2563TS-4	122	14,220	PF3	1,718	A44060M
FPM2565T-4	122	15,975	PF3	1,737	A44056M
FPM2566TS-4	122	16,184	PF3	1,844	A44072M
FPM2568T-4	122	23,699	PF3	1,697	A44072M
FPM3312T	122	1,322	PF3	121	3728M
FPM3313T	122	1,488	PF3	130	3738M
FPM3314T	122	1,720	PF3	131	3734M
FSWDM3538-E	79	1,613	WDF	35	3516M
FSWDM3542-E	79	1,669	WDF	37	3522M
FSWDM3546-E	79	1,745	WDF	41	3522M
FSWDM3546T-E	79	1,759	WDF	41	3522M
FSWDM3554T-E	79	1,918	WDF	45	3528M
FSWDM3558T-E	79	2,204	WDF	48	3528M
FSWDM3611T-E	79	2,625	WDF	86	3636M
FSWDM3615T-E	79	2,804	WDF	101	3646M
FSWDM3710T-E	79	3,553	WDF	136	3740M
FSWDM3714T-E	79	4,199	WDF	187	3756M
FSWDM23933T-E	79	6,815	WDF	283	3956M
FSWDM23934T-E	79	7,812	WDF	287	3960M
FSWDM41903T	79	10,001	WDF	378	4068M
FSWDM41904T	79	11,522	WDF	395	4074M
FVB3180	266	1,491	SVC	18	-
FVB3210	266	1,491	SVC	25	-
FVB3250	266	1,491	SVC	19	-
FVB4280	266	1,823	SVC	44	-
FVB6320	266	2,123	SVC	46	-
FVB6400	266	2,323	SVC	59	-
FVB8500	266	2,750	SVC	93	-
FVB95010	266	4,238	SVC	171	-
GA3	300	162	SVC	7	-
GA4	300	187	SVC	6	-
GA7	296	143	SVC	1	-
GA8	296	525	SVC	1	-
GA9	300	206	SVC	5	-
GA9-1	300	114	SVC	3	-
GA9R	298	206	SVC	5	-
GA9S	300	229	SVC	6	-
GA9SR	298	229	SVC	5	-
GA10	300	94	SVC	1	-
GA11	300	99	SVC	2	-
GA13	300	53	SVC	2	-
GA14	300	369	SVC	64	-
GA14R	298	369	SVC	64	-
GA16	300	489	SVC	62	-
GA16E	300	319	SVC	36	-
GA16R	298	536	SVC	62	-
GA16RE	298	319	SVC	36	-
GA20	300	803	SVC	121	-
GA20E	300	369	SVC	54	-
GA20RE	298	369	SVC	54	-
GA24	300	60	SVC	1	-
GA25	300	59	SVC	9	-
GDL1605T	180	1,623	FD1	97	3646LC
GDL1607T	180	2,135	FD1	142	3744LC
GDL1610T	180	2,470	FD1	160	3748LC
GDL1615T	180	3,675	FD1	271	3956LC
GDL2333T	180	4,594	FD1	310	0956LC
GDL3665T	180	2,029	FD1	100	0640LC
GDL3770T	180	2,669	FD1	198	0743LC
GDL3774T	180	3,087	FD1	210	0748LC
GDM2333T	180	2,868	FD3	231	0748M
GDM2334T	180	3,067	FD3	245	0760M
GDM2513T	180	1,900	FD3	156	3748M
GDM2515T	180	2,502	FD3	187	3766M
GDM2531T	180	3,074	FD3	245	3942M
GDM2535T	180	3,575	FD3	281	3952M
GDM3218T	180	898	FD3	68	3630M
GDM3311T	180	1,274	FD3	92	3644M
GDM3313T	180	1,544	FD3	116	3734M
GDM3615T	180	1,082	FD3	80	3634M
GDM3710T	180	1,356	FD3	117	3732M
GDM3714T	180	2,164	FD3	131	3740M
GDM4103T	180	4,358	FD3	345	0956M
GDM4104T	180	5,137	FD3	366	0964M
GDM4110T	180	6,855	FD3	497	1064M
GDM4115T	180	7,096	FD3	552	1246M
GSL3509M	183	776	FD1	41	3523LC
HA5027A03	280	7	SVC	1	-
HIC264A	186	360	FD1	20	3414C
HIC274A	186	360	FD1	20	3414C
IDBRPM18154C	232	4,658	RP2	180	-
IDBRPM18204C	232	5,132	RP2	209	-
IDBRPM21254C	232	5,974	RP2	290	-
IDBRPM21304C	232	5,974	RP2	290	-

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IDBRPM21404	232	6,601	RP2	355	-
IDBRPM25504	232	7,361	RP2	475	-
IDBRPM25604	232	10,865	RP2	540	-
IDBRPM25754	232	12,977	RP2	605	-
IDBRPM281004R1	232	14,687	RP2	805	-
IDBRPM281254	233	15,542	RP2	890	-
IDBRPM321504R1	233	21,768	RP2	1,310	-
IDBRPM362004R1	233	30,155	RP2	1,950	-
IDBRPM362504R1	233	32,217	RP2	2,000	-
IDBRPM403004R1	233	40,338	RP2	2,620	-
IDBRPM444004	233	61,911	RP2	3,940	-
IDBRPM445004	233	69,936	RP2	4,260	-
IDCRPM18104	232	5,708	RP3	208	-
IDCRPM18154	232	7,109	RP3	180	-
IDCRPM18204	232	7,109	RP3	194	-
IDCRPM21254	232	7,678	RP3	270	-
IDCRPM21304	232	8,081	RP3	290	-
IDCRPM25404	232	8,790	RP3	410	-
IDCRPM25504	232	12,000	RP3	475	-
IDCRPM28604	232	15,014	RP3	635	-
IDCRPM28754	232	17,397	RP3	720	-
IDCRPM281004	232	22,782	RP3	880	-
IDCRPM281254	233	27,226	RP3	880	-
IDCSWDM3538	88	1,551	WDP	31	3514M
IDCSWDM3542	88	1,756	WDP	32	3518M
IDCSWDM3546	88	1,823	WDP	40	3524M
IDCSWDM3546T	88	1,823	WDP	42	3524M
IDCSWDM3554	88	1,950	WDP	51	3534M
IDCSWDM3554T	88	1,950	WDP	49	3534M
IDCSWDM3558	88	2,083	WDP	44	3528M
IDCSWDM3558T	88	2,083	WDP	48	3528M
IDCSWDM3611T	88	2,284	WDP	85	3636M
IDCSWDM3615T	88	2,658	WDP	99	3646M
IDCSWDM3710T	88	4,024	WDP	136	3740M
IDCSWDM3714T	88	4,601	WDP	187	3756M
IDDRPM18254C	232	5,401	RP1	200	-
IDDRPM18304C	232	5,620	RP1	230	-
IDDRPM21404	232	6,547	RP1	305	-
IDDRPM21504	232	8,813	RP1	345	-
IDDRPM21604	232	8,813	RP1	345	-
IDDRPM25506	232	10,583	RP1	480	-
IDDRPM25606	232	12,832	RP1	545	-
IDDRPM25754	232	10,583	RP1	480	-
IDDRPM25756	232	17,004	RP1	615	-
IDDRPM251004	232	12,832	RP1	545	-
IDDRPM251254	233	17,004	RP1	615	-
IDDRPM281006	232	18,985	RP1	770	-
IDDRPM281256	233	24,751	RP1	930	-
IDDRPM281504	233	18,985	RP1	770	-
IDDRPM282004	233	24,751	RP1	930	-
IDDRPM321506R1	233	29,124	RP1	1,185	-
IDDRPM322006R1	233	33,915	RP1	1,325	-
IDDRPM322504R1	233	29,124	RP1	1,185	-
IDDRPM323004R1	233	33,915	RP1	1,325	-
IDDRPM362506R1	233	36,923	RP1	1,680	-
IDDRPM363006R1	233	42,946	RP1	2,000	-
IDDRPM363504R1	233	36,923	RP1	1,680	-
IDDRPM364004R1	233	42,947	RP1	2,000	-
IDDRPM404006R1	233	56,693	RP1	2,530	-
IDDRPM405004R1	233	49,818	RP1	2,260	-
IDDRPM406004R1	233	69,117	RP1	2,530	-
IDDRPM407004R1	233	72,570	RP1	3,080	-
IDDRPM445006R1	233	108,101	RP1	3,505	-
IDDRPM4410004R1	233	108,101	RP1	3,505	-
IDFRPM18104C	232	4,757	RP3	179	-
IDFRPM21154C	232	5,924	RP3	290	-
IDFRPM21204C	232	5,924	RP3	290	-
IDFRPM21254C	232	6,398	RP3	355	-
IDFRPM25304C	232	6,734	RP3	475	-
IDFRPM25404	232	7,325	RP3	605	-
IDFRPM28504	232	12,511	RP3	720	-
IDFRPM28604	232	12,511	RP3	795	-
IDFRPM28754	232	14,947	RP3	880	-
IDM2276T	241	5,586	VS2	332	0954M
IDM2332T	241	6,825	VS2	352	0960M
IDM2333T	241	3,838	VS2	268	0944M
IDM2333T-5	241	3,838	VS2	318	0944M
IDM2334T	241	4,099	VS2	333	0960M
IDM2334T-5	241	4,099	VS2	333	0960M
IDM3581T	240	1,789	VS2	65	0524M
IDM3581T-5	240	1,789	VS2	65	0518M
IDM3582T	240	2,101	VS2	68	0528M
IDM3584T	240	1,892	VS2	70	0530M
IDM3584T-5	240	1,892	VS2	70	0530M
IDM3587T	240	2,023	VS2	72	0534M
IDM3587T-5	240	2,023	VS2	73	0534M
IDM3661T	240	2,046	VS2	111	0632M
IDM3661T-5	240	2,046	VS2	112	0632M

(1) Shipping weight (lbs.) is approximate.

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IDM3664T	240	2,427	VS2	124	0642M
IDM3665T	241	2,734	VS2	124	0640M
IDM3665T-5	241	2,734	VS2	124	0640M
IDM3667T	240	2,507	VS2	107	0630M
IDM3764T	240	3,174	VS2	187	0738M
IDM3768T	241	3,885	VS2	226	0748M
IDM3770T	241	3,296	VS2	170	0738M
IDM3770T-5	241	3,296	VS2	170	0738M
IDM3774T	241	3,531	VS2	231	0748M
IDM3774T-5	241	3,531	VS2	231	0748M
IDM4100T	241	8,091	VS2	450	1046M
IDM4102T	241	9,109	VS2	455	1054M
IDM4103T	241	5,055	VS2	417	1054M
IDM4104T	241	5,798	VS2	464	1056M
IDM4110T	241	7,840	VS2	605	1254M
IDM4111T	241	10,381	VS2	557	1260M
IDM4115T	241	8,799	VS2	622	1272M
IDM4117T	241	11,554	VS2	628	1264M
IDNM2237T	241	3,163	VS4	242	0932M
IDNM2238T	241	3,627	VS4	286	0948M
IDNM2333T	241	4,362	VS4	286	0948M
IDNM2334T	241	4,710	VS4	406	1056M
IDNM3534	240	510	VS4	33	3512M
IDNM3538	240	596	VS4	31	3512M
IDNM3542	240	664	VS4	33	3514M
IDNM3581T	240	1,354	VS4	58	0524M
IDNM3584T	240	1,495	VS4	58	0530M
IDNM3587T	240	1,561	VS4	67	0534M
IDNM3661T	240	2,046	VS4	108	0636M
IDNM3661T-5	240	2,046	VS4	108	0636M
IDNM3665T	241	2,281	VS4	116	0640M
IDNM3665T-5	241	2,281	VS4	116	0642M
IDNM3669T	240	1,812	VS4	94	0624M
IDNM3767T	241	2,543	VS4	170	0736M
IDNM3770T	241	2,640	VS4	196	0748M
IDNRP18054C	232	3,776	RP4	143	-
IDNRP18074C	232	4,341	RP4	194	-
IDNRP21104C	232	5,140	RP4	280	-
IDVSM2333T	241	3,901	VS3	291	0944M
IDVSM2334T	241	4,229	VS3	321	0960M
IDVSM2334T-5	241	4,229	VS3	321	0960M
IDVSM3661T	240	1,724	VS3	105	0632M
IDVSM3665T	241	1,999	VS3	120	0642M
IDVSM3770T	241	2,572	VS3	180	0738M
IDVSM3774T	241	3,353	VS3	231	0748M
IDVSM3774T-5	241	3,353	VS3	231	0748M
IDVSM4103T	241	5,370	VS3	446	1054M
IDVSM4104T	241	5,867	VS3	457	1056M
IDVSM4110T	241	6,768	VS3	619	1254M
IDVSM4115T	241	8,272	VS3	670	1272M
IDVSM4314T	241	10,246	VS3	869	A36062M
IDVSM4316T	241	12,833	VS3	873	A36070M
IDVSM4400T-4	241	16,585	VS3	1,218	A40064M
IDVSM4406T-4	241	24,569	VS3	1,789	A44078M
IDVSM4407T-4	241	29,111	VS3	2,189	A44106M
IDVSM4408T-4	241	41,144	VS3	2,511	A44128M
IDVSM4410T-4	241	20,587	VS3	1,637	A44062M
IDVSM44304T-4	241	41,144	VS3	2,816	A44160M
IDVSNM2237T	241	2,644	VS4	212	0748M
IDVSNM2237T-5	241	2,644	VS4	196	0748M
IDVSNM2238T	241	3,627	VS4	305	0948M
IDVSNM2333T	241	4,362	VS4	284	0948M
IDVSNM2333T-5	241	4,362	VS4	284	0948M
IDVSNM3534	240	510	VS4	32	3512M
IDVSNM3538	240	596	VS4	35	3516M
IDVSNM3538-5	240	596	VS4	31	3514M
IDVSNM3542	240	664	VS4	36	3516M
IDVSNM3542-5	240	664	VS4	35	3516M
IDVSNM3546	240	1,079	VS4	45	3524M
IDVSNM3546-5	240	1,079	VS4	45	3524M
IDVSNM3581T	240	1,354	VS4	58	0524M
IDVSNM3581T-5	240	1,354	VS4	58	0524M
IDVSNM3582T	240	2,097	VS4	61	0528M
IDVSNM3584T	240	1,495	VS4	64	0532M
IDVSNM3584T-5	240	1,495	VS4	64	0532M
IDVSNM3587T	240	1,561	VS4	63	0534M
IDVSNM3587T-5	240	1,561	VS4	62	0534M
IDVSNM3661T	240	2,046	VS4	111	0636M
IDVSNM3665T	241	2,281	VS4	124	0642M
IDVSWDM3538	88	1,538	WDP	32	3516M
IDVSWDM3542	88	1,748	WDP	35	3518M
IDVSWDM3546	88	1,814	WDP	40	3524M
IDVSWDM3546T	88	1,814	WDP	40	3524M
IDVSWDM3554	88	1,940	WDP	50	3534M
IDVSWDM3554T	88	1,940	WDP	50	3534M
IDVSWDM3558	88	2,066	WDP	45	3528M
IDVSWDM3558T	88	2,066	WDP	46	3528M

Catalog Number	Page Number	List Price	Disc. Sym.	Ship Wgt ⁽¹⁾	Type Code
IDVSWDM3611T	88	2,172	WDP	80	3636M
IDVSWDM3615T	88	2,532	WDP	97	3646M
IDWNM3546T	99	1,551	WDW	41	3524M
IDWNM3554T	99	1,708	WDW	52	3534M
IDWNM3609T	99	2,014	WDW	77	3628M
IDWNM3611T	99	2,050	WDW	90	3640M
IDWNM3707T	99	2,320	WDW	122	3734M
IDWNM22937T	99	4,132	WDW	283	3948M
IDWNM22938T	99	4,208	WDW	287	3956M
IR3501M	184	515	FD1	25	3414L
IR3504M	184	592	FD1	28	3421L
IR3507M	184	677	FD1	40	3524L
IR3510M	184	733	FD1	40	3528L
JEWDM3545	97, 130	1,052	WDW	38	3520M
JEWDM3550	97, 130	1,111	WDW	41	3526M
JEWDM3555	97, 130	1,234	WDW	41	3526M
JEWDM3559	97, 130	1,463	WDW	64	3540M
JL1205A	127	291	PJ1	25	3416L
JL1301A	127	335	PJ1	23	3414L
JL1303A	127	327	PJ1	26	3420L
JL1304A	127	394	PJ1	25	3418L
JL1306A	127	430	PJ1	33	3424L
JL1307A	127	497	PJ1	33	3428L
JL1309A	127	446	PJ1	32	3428L
JL1313A	127	622	PJ1	36	3432LC
JL1317A	127	767	PJ1	45	3528L
JL1323A	127	787	PJ1	52	3535LC
JL3405A	126	337	PJ1	19	3416L
JL3501A	126	421	PJ1	22	3414L
JL3503A	126	386	PJ1	26	3420L
JL3504A	126	489	PJ1	27	3421L
JL3506A	126	460	PJ1	29	3424L
JL3507A	126	580	PJ1	33	3428LC
JL3509A	126	562	PJ1	42	3524L
JL3510A	126	666	PJ1	40	3528L
JL3513A	126	666	PJ1	45	3528L
JL3514A	126	730	PJ1	51	3532LC
JL3515A	126	782	PJ1	54	3535L
JL3516A	126	831	PJ1	52	3535LC
JM3006	129	320	PJ3	19	3410M
JM3107	129	338	PJ3	21	3413M
JM3108	129	404	PJ3	23	3416M
JM3111	129	401	PJ3	23	3416M
JM3112	129	446	PJ3	27	3420M
JM3115	129	446	PJ3	32	3420M
JM3116	129	489	PJ3	30	3424M
JM3120	129	532	PJ3	30	3424M
JM3154	129	582	PJ3	34	3432M
JM3155	129	632	PJ3	35	3430M
JM3158	129	750	PJ3	42	3524M
JM3457	128	351	PJ3	19	3410M
JM3458	128	380	PJ3	21	3413M
JM3460	128	380	PJ3	21	3413M
JM3460-5	128	380	PJ3	21	3413M
JM3461	128	448	PJ3	23	3416M
JM3463	128	416	PJ3	23	3416M
JM3463-5	128	416	PJ3	23	3416M
JM3542	128	484	PJ3	26	3420M
JMEWDM3545T	98, 140	1,093	WDW	35	3516M
JMEWDM3546T	98, 140	1,141	WDW	39	3524M
JMEWDM3550T	98, 140	1,147	WDW	48	3528M
JMEWDM3554T	98, 140	1,192	WDW	50	3534M
JMEWDM3555T	98, 140	1,252	WDW	47	3526M
JMEWDM3558T	98, 140	1,305	WDW	48	3530M
JMEWDM3559T	98, 140	1,529	WDW	50	3532M
JMEWDM3611T	98, 140	1,712	WDW	70	3632M
JMEWDM3613T	98, 140	2,018	WDW	81	3634M
JMEWDM3613T-5	98, 140	2,018	WDW	74	3630M
JMEWDM3615T	98, 140	1,928	WDW	93	3642M
JMEWDM3616T	98, 140	2,391	WDW	96	3646M
JMEWDM3710T	98, 140	2,423	WDW	151	3738M
JMEWDM3711T	98, 140	3,087	WDW	130	3736M
JMEWDM3713T	98, 140	3,851	WDW	169	3752M
JMEWDM3714T	98, 140	2,576	WDW	165	3752M
JMEWDM4103T	102, 141	4,978	WDW	437	1056M
JMEWDM4104T	102, 141	5,659	WDW	460	1060M
JMEWDM4107T	102, 141	5,157	WDW	446	1050M
JMEWDM4108T	102, 141	6,099	WDW	459	1048M
JMEWDM4109T	102, 141	8,254	WDW	587	1256M
JMEWDM4110T	102, 141	7,335	WDW	600	1260M
JMEWDM4114T	102, 141	8,599	WDW	635	1266M
JMEWDM4115T	102, 141	8,427	WDW	700	1272M
JMEWDM4310T	102, 141	12,851	WDW	999	A36056M
JMEWDM4313T	102, 141	13,738	WDW	1,005	A36068M
JMEWDM4314T	102, 141	12,203	WDW	961	A3658M
JMEWDM4316T	102, 141	13,147	WDW	965	A36070M
JMEWDM23933T	98, 140	5,323	WDW	252	3942M
JMEWDM23934T	98, 140	6,151	WDW	275	3952M

(1) Shipping weight (lbs.) is approximate.

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JMEWDM41906T	98, 140	6,180	WDF	255	3960M
JMFSWDM3546T-E	80, 142	2,076	WDF	37	3522M
JMFSWDM3550T-E	80, 142	2,159	WDF	50	3532M
JMFSWDM3554T-E	80, 142	2,171	WDF	45	3528M
JMFSWDM3555T-E	80, 142	2,459	WDF	50	3532M
JMFSWDM3558T-E	80, 142	2,494	WDF	56	3538M
JMFSWDM3559T-E	80, 142	2,954	WDF	61	3546M
JMFSWDM3611T-E	80, 142	3,101	WDF	83	3636M
JMFSWDM3613T-E	80, 142	3,340	WDF	81	3634M
JMFSWDM3615T-E	80, 142	3,363	WDF	101	3646M
JMFSWDM3709T-E	80, 142	3,937	WDF	131	3734M
JMFSWDM3710T-E	80, 142	4,011	WDF	139	3740M
JMFSWDM3711T-E	80, 142	4,414	WDF	154	3744M
JMFSWDM3713T-E	80, 142	6,389	WDF	187	3756M
JMFSWDM3714T-E	80, 142	4,657	WDF	187	3756M
JMFSWDM23933T-E	80, 142	7,339	WDF	286	3956M
JMFSWDM23934T-E	80, 142	8,336	WDF	295	3960M
JMFSWDM23994T-E	80, 142	7,439	WDF	265	3952M
JMFSWDM41906T-E	80, 142	8,377	WDF	300	3960M
JML1406T	132	1,062	PC1	69	3628L
JML1408T	132	1,217	PC1	80	3634LC
JML1409T	132	1,499	PC1	81	3634LC
JML1508T	132	1,727	PC1	115	3727L
JML1509T	132	2,150	PC1	116	3729L
JML1510T	132	2,274	PC1	142	3740LC
JML1511T	132	2,644	PC1	141	3740L
JML1512T	132	2,815	PC1	150	3744LC
JML3606T	132	1,113	PC1	79	3634L
JML3608T	132	1,483	PC1	93	3640LC
JMXM14321T	110	2,260	XPP	72	-
JMXM18322T	110	2,443	XPP	90	-
JMXM18522T	110	2,787	XPP	112	-
JMXM18721T	110	3,146	XPP	120	-
JMXM21122T	110	3,416	XPP	175	X3756M
JMXM21722T	110	3,283	XPP	170	-
JPDRX18344T	120	2,109	XDP	127	0632M
JPDRX18344T-5	120	2,109	XDP	127	0632M
JPDRX18544T	120	2,420	XDP	152	0642M
JPDRX18544T-5	120	2,420	XDP	152	0642M
JPDRX21144TY	120	4,026	XDP	252	0750M
JPDRX21144TY-5	120	4,026	XDP	252	0750M
JPDRX21744TY	120	3,086	XDP	228	0738M
JPDRX21744TY-5	120	3,086	XDP	228	0738M
JPL1406T	132	1,062	PC1	76	3628L
JPL1408T	132	1,217	PC1	87	3634LC
JPL1409T	132	1,499	PC1	88	3634LC
JPL1508T	132	1,727	PC1	117	3727L
JPL1509T	132	2,150	PC1	121	3729L
JPL1510T	132	2,274	PC1	143	3740LC
JPL1511T	132	2,644	PC1	148	3740L
JPL1512T	132	2,815	PC1	142	3744LC
JSL325A	131	376	PJ1	24	3416L
JSL425A	131	399	PJ1	26	3420L
JSL525A	131	426	PJ1	30	3424L
JSL625A	131	580	PJ1	42	3524L
JSL725A	131	582	PJ1	47	3528L
JSM3107	131	338	PJ3	21	3413M
JSM3111	131	400	PJ3	24	3416M
JSM3115	131	443	PJ3	27	3420M
JSM3120	131	528	PJ3	31	3424M
JSM3155	131	625	PJ3	35	3430M
JWDM3463	97, 130	666	WDW	33	3514M
JXL05122A	111	983	XPP	49	-
JXL05222	111	1,603	XPP	60	-
JXL050522A	111	843	XPP	37	-
JXL050722A	111	925	XPP	37	-
JXL051522	111	1,335	XPP	52	-
JXM05122	111	1,536	XPP	32	-
JXM05222	111	1,851	XPP	55	-
JXM051522	111	1,613	XPP	47	-
K18G8	282	160	SVC	21	-
K18G9	282	160	SVC	24	-
K18G10	282	199	SVC	27	-
K18G11	282	199	SVC	30	-
K18G12	282	210	SVC	33	-
K36G2	277	730	SVC	72	-
K36G2XT	276	730	SVC	69	-
K36G8	279	365	SVC	37	-
K36G9	279	375	SVC	25	-
K36G50	282	1,363	SVC	123	-
K36G801	277	1,298	SVC	65	-
K40G8	279	365	SVC	35	-
K40G9	279	375	SVC	30	-
K40G70	277	1,086	SVC	120	-
K40G70XT	276	1,086	SVC	30	-
K40G71	277	1,665	SVC	116	-
K40G71XT	276	1,665	SVC	75	-

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K40G801	277	2,448	SVC	117	-
K40G802	277	1,722	SVC	135	-
K44G5	279	752	SVC	125	-
K44G8	279	375	SVC	55	-
K44G9	279	445	SVC	135	-
K44G70	277	1,665	SVC	21	-
K44G71	277	1,765	SVC	249	-
K44G71XT	276	1,765	SVC	249	-
K44G801	277	2,906	SVC	140	-
K44G802	277	2,448	SVC	155	-
K99G70	245	1,442	SVC	9	-
K99G71	245	1,442	SVC	9	-
K99G72	245	1,442	SVC	35	-
K99G73	245	1,442	SVC	4	-
K99G74	245	1,442	SVC	5	-
K99G75	245	1,442	SVC	9	-
K99G76	245	1,442	SVC	5	-
K99G77	245	1,442	SVC	5	-
K99G78	245	1,622	SVC	3	-
K99G79	245	1,622	SVC	6	-
K99G80	245	1,442	SVC	5	-
K99G81	245	1,442	SVC	5	-
K99G82	245	2,183	SVC	6	-
K99G83	245	2,183	SVC	6	-
KBL3406	199	1,041	BE1	27	3414L
KBL3409	199	1,142	BE1	32	3421L
KBM3454	200	858	BE3	26	3413M
KBM3458	200	912	BE3	23	3416M
KEL11203	21	442	GO1	22	3411LC
KEL11205	21	465	GO1	24	3413LC
KEL11205A	21	492	GO1	24	3413LC
KEM30003	39	455	GO3	21	3413M
KEM30006	39	476	GO3	22	3413M
KENM3454	30	513	GE3	26	3512M
KENM3534	30	566	GE3	33	3512M
KENM3535	30	832	GE3	35	3520M
KL1200	21	322	GO1	19	3408L
KL3400	18	380	GE1	19	3408L
KL3401	18	532	GE1	24	3418L
KL3403	18	391	GE1	20	3411L
KL3405	18	361	GE1	24	3413L
KM3454	30	329	GE3	19	3410M
KM3454-57	222	361	5E3	20	3410M
KM3457	30	336	GE3	20	3410M
KNM3454	30	348	GE3	18	3410M
KNM3457/35	30	541	GE3	29	3512M
KNM3534	30	385	GE3	23	3416M
L3	302	92	SVC	1	-
L4	302	107	SVC	1	-
L7	302	206	SVC	1	-
L1177T	17	6,308	GE1	323	0956LC
L1200	19	300	GO1	18	3408L
L1201	19	460	GO1	23	3418L
L1205-50	220	333	SO1	22	3416L
L1206-50	220	405	SO1	24	3418L
L1208-50	220	366	SO1	25	3420L
L1209-50	220	508	SO1	28	3424L
L1304-50	220	461	SO1	29	3424L
L1306-50	220	446	SO1	28	3424L
L1307-50	220	569	SO1	38	3524L
L1309-50	220	469	SO1	34	3432L
L1313-50	220	658	SO1	43	3528L
L1313T	19	572	GO1	36	3520L
L1317-50	220	877	SO1	47	3532L
L1318-50	220	694	SO1	41	3528L
L1318T	19	604	GO1	43	3528L
L1318TM	19	630	DPS	42	3528L
L1319-50	220	800	SO1	41	3528L
L1319T	19	644	GO1	42	3528L
L1320T	20	815	GO1	46	3528LC
L1321T	19	773	GO1	49	3535L
L1321TM	19	839	DPS	48	3535L
L1322T	20	788	GO1	49	3532LC
L1322TM	20	858	DPS	45	3532LC
L1405T	20	809	GO1	66	3628L
L1405T-50	220	930	SO1	66	3628L
L1406T	20	927	GO1	65	3628L
L1408T	20	876	GO1	76	3634LC
L1408T-50	220	1,005	SO1	91	3646LC
L1408TM	20, 191	1,030	DPS	74	3634LC
L1409T	20	1,103	GO1	79	3634L
L1410T	20	921	GO1	81	3640LC
L1410TM	20, 191	1,253	DPS	85	3640LC
L1430T	20	950	GO1	78	3634LC
L1430TM	20	1,253	DPS	82	3634LC
L1508T	20	1,367	GO1	108	3727L
L1508T-50	220	1,572	SO1	112	3730LC

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L1509T	20	1,704	GO1	94	3640LC
L1510T	20	1,483	GO1	134	3740LC
L1511T	20	2,149	GO1	131	3740L
L1512T	20	2,164	GO1	132	3737LC
L3351	16	319	GE1	15	3310L
L3352	16	326	GE1	15	3310L
L3353	16	332	GE1	16	3313L
L3354	16	342	GE1	16	3313L
L3355	16	362	GE1	18	3316L
L3356	16	366	GE1	18	3316L
L3400	16	361	GE1	18	3408L
L3401	16	508	GE1	23	3418L
L3403	16	370	GE1	20	3411L
L3403M	16	424	GE1	11	3411L
L3404	16	541	GE1	25	3421L
L3405	16	337	GE1	21	3413L
L3406	16	393	GE1	22	3414L
L3406M	16	446	GE1	22	3414L
L3407	16	595	GE1	27	3424L
L3408	16	381	GE1	22	3413L
L3409	16	436	GE1	26	3421L
L3409-50	220	512	5E1	31	3428L
L3409M	16	524	GE1	26	3421L
L3500	16	568	GE1	30	3516L
L3501	16	380	GE1	22	3414L
L3501-50	220	450	5E1	25	3418L
L3501M	16	446	GE1	22	3414L
L3502	16	595	GE1	28	3424L
L3503	16	381	GE1	23	3413L
L3503-50	220	440	5E1	27	3420L
L3504	16	446	GE1	27	3421L
L3504-50	220	512	5E1	32	3428L
L3504A	16	533	GE1	27	3421L
L3504M	16	524	GE1	27	3421L
L3505	16	843	GE1	43	3528L
L3506	16	429	GE1	28	3424L
L3506-50	220	491	5E1	35	3520L
L3507	16	513	GE1	33	3428LC
L3507-50	220	608	5E1	38	3524L
L3507A	16	643	GE1	35	3428LC
L3507M	16	615	GE1	33	3428LC
L3508	16	976	GE1	44	3528LC
L3508T	16	960	GE1	46	3528LC
L3509	17	497	GE1	37	3520L
L3509-50	220	571	5E1	40	3524L
L3509M	17	562	GE1	40	3524L
L3510	17	582	GE1	41	3524L
L3510-50	220	699	5E1	47	3532L
L3510A	17	723	GE1	40	3524L
L3510M	17	698	GE1	38	3524L
L3510T	17	594	GE1	39	3524L
L3510TM	17	698	DPS	40	3524L
L3513	17	666	GE1	41	3524L
L3513-50	220	752	5E1	48	3532L
L3513M	17	762	GE1	46	3528L
L3513T	17	653	GE1	43	3524L
L3514	17	672	GE1	49	3532LC
L3514-50	220	790	5E1	46	3535LC
L3514A	17	857	GE1	48	3532LC
L3514M	17	788	GE1	51	3532LC
L3514T	17	682	GE1	44	3526LC
L3514T-50	220	790	5E1	51	3535LC
L3514TM	17	788	DPS	49	3532LC
L3515	17	850	GE1	52	3535L
L3515-50	220	978	5E1	53	3535LC
L3515M	17	890	GE1	52	3535L
L3515T	17	857	GE1	52	3535L
L3516T	17	1,089	GE1	51	3535LC
L3516TM	17, 191	1,122	DPS	46	3528LC
L3605	193	1,440	DPL	67	3628L
L3605T	17	973	GE1	68	3628L
L3605T-50	220	1,117	5E1	76	3634LC
L3605TM	17	1,187	DPS	73	3634L
L3606T	17	1,005	GE1	74	3634L
L3607	193	1,886	DPL	74	3634L
L3608T	17	1,382	GE1	88	3640LC
L3608TM	17, 191	1,426	DPS	89	3640LC
L3609T	17	1,145	GE1	80	3634LC
L3609T-50	220	1,315	5E1	95	3646LC
L3609TM	17, 191	1,239	DPS	79	3634LC
L3612TM	17, 191	1,440	DPS	100	3646LC
L3613T	17	1,782	GE1	77	3634LC
L3703	193	3,114	DPL	113	3728LC
L3705	193	2,455	DPL	117	3735LC
L3708T	17	1,367	GE1	116	3726LC
L3708T-50	220	1,572	5E1	119	3732LC
L3708TM	17	1,605	DPS	135	3744LC
L3709T	17	1,780	GE1	123	3735LC

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L3710T	17	1,805	GE1	134	3734LC
L3711T	17	2,182	GE1	148	3744LC
L3712T	17	2,215	GE1	158	3748LC
L3912T	17	5,665	GE1	303	3956LC
LPL50	302	554	GBX	43	3520S
LPL75	302	676	GBX	48	3524C
M3AA063075-B14	212	72	SVC	1	-
M3AA063115-B5	212	70	SVC	1	-
M3AA071085-B14	212	89	SVC	1	-
M3AA071130-B5	212	89	SVC	1	-
M3AA080100-B14	212	120	SVC	1	-
M3AA080165-B5	212	120	SVC	1	-
M3AA090115-B14	212	156	SVC	2	-
M3AA090165-B5	212	57	SVC	2	-
M3AA100130-B14	212	245	SVC	2	-
M3AA100215-B5	212	243	SVC	3	-
M3AA112130-B14	212	255	SVC	7	-
M3AA112215-B5	212	255	SVC	14	-
M3AA132165-B14	212	307	SVC	11	-
M3AA132265-B5	212	277	SVC	14	-
M3AA160215-B14	212	375	SVC	27	-
M3AA160300-B5	212	375	SVC	40	-
M3AA180300-B5	212	657	SVC	54	-
M3AA200350-B5	212	828	SVC	57	-
M3AA225400-B5	212	1,296	SVC	63	-
M3AA250500-B5	212	1,583	SVC	95	-
M3BP071085-B14	212	67	SVC	3	-
M3BP071130-B5	212	80	SVC	5	-
M3BP080100-B14	212	83	SVC	4	-
M3BP080165-B5	212	95	SVC	7	-
M3BP090115-B14	212	110	SVC	6	-
M3BP090165-B5	212	110	SVC	9	-
M3BP100130-B14	212	159	SVC	8	-
M3BP100215-B5	212	158	SVC	11	-
M3BP112130-B14	212	265	SVC	7	-
M3BP112215-B5	212	265	SVC	10	-
M3BP132165-B14	212	289	SVC	13	-
M3BP132265-B5	212	289	SVC	21	-
M3BP160300-B5	212	289	SVC	21	-
M3BP180300-B5	212	571	SVC	37	-
M3BP200350-B5	212	882	SVC	49	-
M3BP225400-B5	212	1,069	SVC	63	-
M3BP250500-B5	212	1,583	SVC	85	-
M3BP280500-B5	212	1,093	SVC	95	-
M3BP280500-B5-2P	212	1,093	SVC	97	-
M1004T	190	878	DP2	33	3520M
M1005T	190	913	DP2	38	3524M
M1006T	190	1,054	DP2	41	3528M
M1007T	190	1,132	DP2	56	3623M
M1008T	190	1,363	DP2	71	3634M
M1009T	190	1,947	DP2	113	3734M
M1010T	190	2,207	DP2	133	3742M
M1019	190	943	DP2	36	3524M
M1020T	190	1,016	DP2	41	3528M
M1021T	190	1,231	DP2	55	3623M
M1022T	190	1,404	DP2	64	3628M
M1023T	190	1,635	DP2	72	3634M
M1024T	190	2,516	DP2	113	3735M
M1204T	190	878	DP2	33	3520M
M1205T	190	913	DP2	37	3524M
M1206T	190	1,054	DP2	41	3528M
M1207T	190	1,132	DP2	56	3623M
M1208T	190	1,363	DP2	72	3634M
M1209T	190	1,947	DP2	112	3734M
M1210T	190	2,207	DP2	132	3744M
M1211T	190	3,100	DP2	206	3936M
M1212T	190	3,799	DP2	204	3936M
M1213T	190	4,458	DP2	330	4046M
M1218	190	898	DP2	33	3520M
M1219	190	943	DP2	36	3524M
M1220T	190	1,016	DP2	41	3528M
M1221T	190	1,231	DP2	55	3623M
M1222T	190	1,404	DP2	65	3628M
M1223T	190	1,635	DP2	72	3634M
M1224T	190	2,516	DP2	113	3735M
M1225T	190	3,346	DP2	148	3740M
M1226T	190	3,779	DP2	172	3750M
M1227T	190	4,585	DP2	345	4040M
M1228T	190	6,149	DP2	330	4046M
M1504T	188	1,308	DP2	39	3524M
M1505T	188	1,382	DP2	47	3535M
M1506T	188	1,678	DP2	64	3628M
M1507T	188	1,900	DP2	84	3640M
M1508T	188	2,482	DP2	134	3744M
M1509T	188	3,231	DP2	185	3754M
M1519	188	1,020	DP2	37	3524M
M1520T	188	1,065	DP2	42	3528M

(1) Shipping weight (lbs.) is approximate.

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M1521T	188	1,315	DP2	58	3623M
M1522T	188	1,509	DP2	66	3628M
M1523T	188	1,765	DP2	73	3634M
M1524T	188	2,764	DP2	126	3740M
M1554T	188	922	DP2	33	3520M
M1555T	188	959	DP2	41	3528M
M1556T	188	1,114	DP2	41	3528M
M1557T	188	1,197	DP2	65	3628M
M1558T	188	1,523	DP2	83	3640M
M1704T	188	1,308	DP2	45	3530M
M1705T	188	1,382	DP2	47	3535M
M1706T	188	1,678	DP2	65	3628M
M1707T	188	1,900	DP2	84	3640M
M1708T	188	2,482	DP2	132	3742M
M1709T	188	3,231	DP2	181	3754M
M1710T	188	4,977	DP2	263	0940M
M1711T	188	5,762	DP2	267	0944M
M1712T	188	7,321	DP2	378	1046M
M1713T	188	8,887	DP2	397	1048M
M1718	189	951	DP2	29	3515M
M1719	189	1,051	DP2	33	3517M
M1720T	189	1,065	DP2	35	3521M
M1721T	189	1,315	DP2	50	3528M
M1722T	189	1,509	DP2	58	3536M
M1723T	189	1,765	DP2	73	3634M
M1724T	189	2,764	DP2	128	3740M
M1725T	189	3,572	DP2	230	0928M
M1726T	189	4,111	DP2	225	0750M
M1727T	189	4,879	DP2	355	1036M
M1728T	189	6,615	DP2	390	1046M
M1729T	189	6,968	DP2	512	1240M
M1754T	188	922	DP2	33	3518M
M1755T	188	959	DP2	38	3523M
M1756T	188	1,114	DP2	45	3531M
M1757T	188	1,197	DP2	63	3628M
M1758T	188	1,523	DP2	84	3640M
M1759T	188	2,145	DP2	136	3742M
M1760T	188	2,527	DP2	158	3748M
M1761T	188	3,493	DP2	247	0934M
M1762T	188	4,129	DP2	344	1034M
M1763T	188	4,791	DP2	384	1040M
M2538T-8	36	3,685	G03	259	3946M
M3108-57	221	393	S03	26	3420M
M3112-57	221	437	S03	26	3420M
M3153T	33	586	G03	33	3428M
M3160	33	825	G03	38	3522M
M3353	22	376	GE3	16	3313M
M3355	22	426	GE3	17	3316M
M3452	22	439	GE3	17	3408M
M3454	22	311	GE3	19	3410M
M3455	22	489	GE3	18	3411M
M3457	22	316	GE3	20	3410M
M3458	22	379	GE3	21	3413M
M3460	22	366	GE3	19	3410M
M3461	22	444	GE3	22	3416M
M3463	22	403	GE3	21	3413M
M3464	22	480	GE3	25	3420M
M3531	22	484	GE3	23	3411M
M3532	22	705	GE3	28	3514M
M3534	22	340	GE3	21	3413M
M3534-5	25	340	GE3	20	3413M
M3535	22	544	GE3	22	3414M
M3536	22	768	GE3	29	3514M
M3537	22	366	GE3	19	3410M
M3537-5	25	366	GE3	19	3410M
M3538	22	346	GE3	23	3416M
M3538-5	25	389	GE3	22	3416M
M3538/35	22	501	GE3	25	3512M
M3538-57	221	446	SE3	26	3420M
M3539	22	586	GE3	24	3418M
M3539-5	25	586	GE3	23	3418M
M3539-TP	170	625	HV3	29	3516M
M3541	22	403	GE3	21	3413M
M3541-5	25	403	GE3	21	3413M
M3541-57	221	446	SE3	25	3420M
M3542	22	370	GE3	25	3420M
M3542-5	25	416	GE3	26	3420M
M3542-57	221	477	SE3	32	3428M
M3543	22	598	GE3	32	3428M
M3543-5	25	598	GE3	33	3428M
M3543T	22	598	GE3	33	3428M
M3543T-5	25	598	GE3	34	3428M
M3560	22	862	GE3	38	3522M
M3562T	22	1,096	GE3	51	3530M
M3602	192	1,284	DPL	51	3530M
M250502S-2341	73	65,645	LG	4,160	A50120M
M250602S-2341	73	76,834	LG	4,140	A50176M
M250702S-2341	73	77,258	LG	5,023	A50176M

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M258802S-2341	73	103,721	LG	7,206	A58164M
M258902S-2341	73	107,321	LG	6,720	A58180M
M2581002S-2341	73	112,193	LG	7,634	A58180M
MM06184-S-AP	206	290	IPP	10	-
MM07254-S-AP	206	298	IPP	11	-
MM07254-S-PP	209	333	IPP	22	-
MM07372-S-AP	206	311	IPP	11	-
MM07372-S-PP	209	347	IPP	24	-
MM07374-S-AP	206	336	IPP	11	-
MM07374-S-PP	209	376	IPP	24	-
MM07552-S-AP	206	344	IPP	13	-
MM07552-S-PP	209	-	IPP	24	-
MM08554-S-AP	206	372	IPP	19	-
MPM3458	186	391	FD1	20	3413M
MVM3458C	219	508	BIM	22	3320M
MVM3458D	218	579	BIM	20	3320M
MVM3460C	219	541	BIM	22	3320M
MVM3461C	219	571	BIM	22	3320M
MVM3461D	218	582	BIM	20	3320M
MVM3463C	219	563	BIM	26	3328M
MVM3542C	219	599	BIM	26	3420M
MVM3542D	218	614	BIM	27	3420M
MVM06124D-S-AP	207	336	IPP	9	-
MVM06182C-S-AP	208	329	IPP	20	-
MVM06182D-S-AP	207	329	IPP	9	-
MVM06184C-S-AP	208	339	IPP	22	-
MVM06184D-S-AP	207	339	IPP	10	-
MVM06252C-S-AP	208	334	IPP	22	-
MVM06252D-S-AP	207	334	IPP	10	-
MVM07254C-S-AP	208	354	IPP	24	-
MVM07254D-S-AP	207	354	IPP	11	-
MVM07372C-S-AP	208	365	IPP	24	-
MVM07372D-S-AP	207	365	IPP	11	-
MVM07374C-S-AP	208	396	IPP	24	-
MVM07374D-S-AP	207	396	IPP	11	-
MVM07552C-S-AP	208	403	IPP	24	-
MVM07552D-S-AP	207	403	IPP	11	-
MVM08554C-S-AP	208	431	IPP	42	-
MVM08554D-S-AP	207	431	IPP	19	-
NM3454	22	326	GE3	20	3413M
NM3454/35	22	524	GE3	28	3512M
NM3455	22	450	GE3	19	3411M
NM3534	22	365	GE3	23	3416M
NM3538	22	423	GE3	25	3420M
NM3538/35	22	511	GE3	27	3512M
NM3539	22	644	GE3	40	3524M
NM3542	22	455	GE3	29	3514M
PCL1327M	191	905	DPS	57	3535LC
PCL3513M	191	713	DPS	38	3520LC
PCL3514M	191	930	DPS	54	3535LC
PCL3515M	191	846	DPS	43	3524LC
PCL3519M	191	927	DPS	52	3532LC
PL1327M	191	859	DPS	56	3535LC
PL3515M	191	806	DPS	42	3524LC
PL3519M	191	884	DPS	50	3532LC
PSC3413A	172	400	HV1	19	3411C
PSC3416A	172	444	HV1	21	3414C
PSC3524A	172	487	HV1	24	3418C
PTG1024LD	267	1,895	R3B	1	-
R1	302	96	SVC	1	-
R2	302	47	SVC	1	-
R5A	302	158	SVC	1	-
R6	302	53	SVC	1	-
RL1209A	171	333	HV1	27	3420L
RL1301A277	171	446	HV1	23	3414L
RL1304A	171	434	HV1	26	3418L
RL1304A277	171	464	HV1	26	3418L
RL1307A	171	532	HV1	34	3428L
RL1307A277	171	639	HV1	34	3428L
RL1310A	171	578	HV1	34	3520L
RL1310A277	171	657	HV1	42	3528L
RL1323A	171	395	HV1	24	3416L
RL1324A	171	428	HV1	31	3424L
RM3007A	172	321	HV3	21	3413M
RM3108A	172	487	HV3	25	3413M
RM3112A	172	524	HV3	32	3420M
RM3116A	172	546	HV3	32	3424M
RM3154A	172	580	HV3	34	3520M
RM3157A	172	665	HV3	40	3524M
S46	296	143	SVC	3	-
S61	296	143	SVC	3	-
SSEWDM07186-B	81, 213	2,261	IFS	73	-
SSEWDM07186C-B	82, 214	2,129	IFS	73	-
SSEWDM07186D-B	81, 213	2,129	IFS	73	-
SSEWDM07254-B	81, 213	2,232	IFS	97	-
SSEWDM07254C-B	82, 214	2,097	IFS	97	-
SSEWDM07254D-B	81, 213	2,097	IFS	97	-

(1) Shipping weight (lbs.) is approximate.

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SSEWDM07256-B	81, 213	2,364	IFS	77	-
SSEWDM07256C-B	82, 214	2,235	IFS	77	-
SSEWDM07256D-B	81, 213	2,235	IFS	77	-
SSEWDM08112-B	81, 213	2,445	IFS	112	-
SSEWDM08112C-B	82, 214	2,304	IFS	112	-
SSEWDM08112D-B	82, 214	2,304	IFS	112	-
SSEWDM08374-B	81, 213	2,261	IFS	112	-
SSEWDM08374C-B	82, 214	2,129	IFS	112	-
SSEWDM08374D-B	81, 213	2,129	IFS	112	-
SSEWDM08376-B	81, 213	2,445	IFS	112	-
SSEWDM08376C-B	82, 214	2,304	IFS	112	-
SSEWDM08376D-B	81, 213	2,304	IFS	112	-
SSEWDM08552-B	81, 213	2,261	IFS	112	-
SSEWDM08552C-B	82, 214	2,129	IFS	112	-
SSEWDM08552D-B	81, 213	2,129	IFS	112	-
SSEWDM08554-B	81, 213	2,364	IFS	112	-
SSEWDM08554C-B	82, 214	2,235	IFS	112	-
SSEWDM08554D-B	81, 213	2,235	IFS	112	-
SSEWDM08752-B	81, 213	2,364	IFS	112	-
SSEWDM08752C-B	82, 214	2,235	IFS	112	-
SSEWDM08752D-B	82, 214	2,235	IFS	112	-
SSEWDM08754-B	81, 213	2,445	IFS	112	-
SSEWDM08754C-B	82, 214	2,304	IFS	112	-
SSEWDM08754D-B	82, 214	2,304	IFS	112	-
SSEWDM09114-B	81, 213	2,689	IFS	234	-
SSEWDM09114C-B	82, 214	2,531	IFS	106	-
SSEWDM09114D-B	82, 214	2,531	IFS	234	-
SSEWDM09152-B	81, 213	2,984	IFS	254	-
SSEWDM09152C-B	82, 214	2,800	IFS	254	-
SSEWDM09152D-B	82, 214	2,800	IFS	115	-
SSEWDM09154-B	81, 213	2,955	IFS	254	-
SSEWDM09154C-B	82, 214	2,766	IFS	115	-
SSEWDM09154D-B	82, 214	2,766	IFS	254	-
SSEWDM09222-B	81, 213	3,128	IFS	254	-
SSEWDM09222C-B	82, 214	2,955	IFS	254	-
SSEWDM09222D-B	82, 214	2,955	IFS	254	-
SSEWDM09556-B	81, 213	2,689	IFS	234	-
SSEWDM09556C-B	82, 214	2,531	IFS	234	-
SSEWDM09556D-B	81, 213	2,531	IFS	234	-
SSEWDM09756-B	81, 213	2,955	IFS	254	-
SSEWDM09756C-B	82, 214	2,766	IFS	254	-
SSEWDM09756D-B	82, 214	2,766	IFS	254	-
SSEWDM10032-B	81, 213	4,132	IFS	145	-
SSEWDM10032C-B	82, 214	3,902	IFS	293	-
SSEWDM10032D-B	82, 214	3,902	IFS	293	-
SSEWDM10034-B	81, 213	4,132	IFS	278	-
SSEWDM10034C-B	82, 214	3,902	IFS	278	-
SSEWDM10034D-B	82, 214	3,902	IFS	278	-
SSEWDM10156-B	81, 213	4,132	IFS	282	-
SSEWDM10156C-B	82, 214	3,902	IFS	282	-
SSEWDM10156D-B	82, 214	3,902	IFS	282	-
SSEWDM10224-B	81, 213	3,787	IFS	278	-
SSEWDM10224C-B	82, 214	3,558	IFS	278	-
SSEWDM10224D-B	82, 214	3,558	IFS	170	-
SSEWDM11042-B	81, 213	4,706	IFS	295	-
SSEWDM11042C-B	82, 214	4,447	IFS	295	-
SSEWDM11042D-B	82, 214	4,447	IFS	295	-
SSEWDM11044-B	81, 213	4,706	IFS	295	-
SSEWDM11044C-B	82, 214	4,447	IFS	295	-
SSEWDM11044D-B	82, 214	4,447	IFS	295	-
SSEWDM11226-B	81, 213	4,706	IFS	287	-
SSEWDM11226C-B	82, 214	4,447	IFS	287	-
SSEWDM11226D-B	82, 214	4,447	IFS	287	-
SSEWDM13036-B	81, 213	5,509	IFS	326	-
SSEWDM13036C-B	82, 214	5,165	IFS	326	-
SSEWDM13036D-B	82, 214	5,165	IFS	326	-
SSEWDM13046-B	81, 213	5,796	IFS	326	-
SSEWDM13046C-B	82, 214	5,480	IFS	326	-
SSEWDM13046D-B	82, 214	5,480	IFS	326	-
SSEWDM13552-B	81, 213	5,509	IFS	335	-
SSEWDM13552C-B	82, 214	5,165	IFS	335	-
SSEWDM13552D-B	82, 214	5,165	IFS	335	-
SSEWDM13554-B	81, 213	5,509	IFS	355	-
SSEWDM13554C-B	82, 214	5,165	IFS	355	-
SSEWDM13554D-B	82, 214	5,165	IFS	355	-
SSEWDM13752-B	81, 213	5,796	IFS	364	-
SSEWDM13752C-B	82, 214	5,480	IFS	364	-
SSEWDM13752D-B	82, 214	5,480	IFS	364	-
SSEWDM13754-B	81, 213	5,796	IFS	399	-
SSEWDM13754C-B	82, 214	5,480	IFS	399	-
SSEWDM13754D-B	82, 214	5,480	IFS	399	-
SUL50104SM	148	5,718	SU1	240	M
SUL50106SM	148	6,010	SU1	240	M
SUL50154SM	148	5,718	SU1	291	M
SUL50156SM	148	6,955	SU1	256	M
SUL50204SM	148	6,402	SU1	250	M
SUL50304	148	8,149	SU1	256	M

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SUL50304SM	148	8,149	SU1	260	M
SUL50306SM	148	9,775	SU1	315	M
SUL50504	148	10,698	SU1	369	M
SUM20754	150	5,017	SU3	335	M
SUM20754-4	150	5,017	SU3	340	M
SUM21004	150	5,852	SU3	351	M
SUM21004-4	150	5,852	SU3	367	M
SUM21504	150	7,589	SU3	368	M
SUM21504-4	150	7,589	SU3	377	M
SUM70104SM	149	4,732	SU3	169	M
SUM70154SM	149	4,869	SU3	175	M
SUM70204SM	149	4,976	SU3	183	M
SUM70204SM-8	149	4,976	SU3	182	M
SUM70304SM	149	5,040	SU3	200	M
SUM70306	149	5,136	SU3	235	M
SUM70504	149	5,292	SU3	240	M
SUM70504-4	149	5,292	SU3	235	M
SUM70504-8	149	5,292	SU3	235	M
SUM70504SM-4	149	5,292	SU3	235	M
SUM70506	149	7,273	SU3	248	M
SUM70754	149	6,843	SU3	243	M
SUM70754-4	149	6,843	SU3	245	M
SUM70754SM-4	149	6,843	SU3	245	M
SUM70756	149	7,784	SU3	350	M
SUM70756-4	149	7,784	SU3	350	M
SUM71004	149	7,099	SU3	356	M
SUM71004-4	149	7,099	SU3	356	M
SUM71004SM-4	149	7,099	SU3	356	M
SUM71006	149	9,790	SU3	391	M
SUM71006-4	149	9,790	SU3	391	M
SUM71504	149	9,338	SU3	376	M
SUM71504-4	149	9,338	SU3	374	M
SUM71504SM-4	149	9,338	SU3	374	M
SUM71506-4	149	13,228	SU3	469	M
SUM72004-4	149	11,058	SU3	407	M
SUM72004SM-4	149	10,427	SU3	378	M
SUM72006-4	149	14,587	SU3	474	M
SUM72504-4	149	13,650	SU3	495	M
SUM72504SM-4	149	13,650	SU3	517	M
SUM72506-4	149	18,927	SU3	496	M
SUM72506SM-4	149	18,927	SU3	496	M
SUM73004-4	149	14,744	SU3	445	M
SUM73004SM-4	149	14,744	SU3	445	M
SUM73006-4	149	22,712	SU3	1,150	M
SUM74004-4	149	19,961	SU3	510	M
SUM75004-4	149	23,360	SU3	882	M
SUM75004SM-4	149	23,360	SU3	880	M
SUM75006-4	149	25,332	SU3	872	M
SUM76004-4	150	29,877	SU3	950	M
SUM77504-4	150	38,734	SU3	956	M
SUM77506-4	150	39,606	SU3	1,374	M
SUM710004-4	150	41,185	SU3	1,340	M
SUM710006-4	150	50,906	SU3	1,500	M
TK3300	268	202	SVC	1	-
TK3400	268	358	SVC	4	-
TK3500	268	377	SVC	9	-
TK3600PM	268	498	SVC	7	-
TKP400AC	266	88	SVC	1	-
TKP400ENC	266	867	SVC	16	-
TKP400NC	266	65	SVC	1	-
TKP400XP	266	1,460	SVC	2	-
TKP500AC	266	65	SVC	1	-
TKP500ENC	266	867	SVC	17	-
TKP500NC	266	65	SVC	1	-
TKP500XC	266	1,689	SVC	15	-
TKP500XP	266	1,460	SVC	3	-
TKP1836ENC	266	867	SVC	17	-
TKP2136AC	266	88	SVC	2	-
TKP2136NC	266	65	SVC	3	-
TKP2136XC	266	1,689	SVC	16	-
TKP2136XP	266	1,142	SVC	13	-
UCC5700	182	1,150	FD1	74	3634C
UCC7100	182	1,264	FD1	78	3640C
UCC10150	182	2,389	FD1	127	3740C
UCL345	181	1,086	FD1	72	3634L
UCL570	181	1,283	FD1	91	3646L
UCL710	181	1,376	FD1	89	3646LC
UCL1015	181	2,232	FD1	137	3744LC
UCL3145	181	1,043	FD1	59	3540LC
UCL7510	181	1,742	FD1	107	3729L
UCLE153	181	1,078	FD1	52	3532LC
UCLE570	181	1,344	FD1	93	3646LC
UCLE1015	181	2,252	FD1	167	3750LC
UCLE3145	181	1,104	FD1	61	3540LC
UCLE7510	181	1,453	FD1	95	3646LC
UCM575	181	949	FD3	66	3628M
UCM713	181	1,135	FD3	89	3646M

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UCM1014	181	1,459	FD3	102	3726M
UCME153	181	758	FD3	39	3524M
UCME570	181	1,006	FD3	69	3628M
UCME759	181	1,180	FD3	84	3640M
UCME1014	181	1,507	FD3	124	3734M
UCME3145	181	801	FD3	46	3528M
UCME7510	181	1,180	FD3	85	3640M
VAOM3527	168	798	HV3	57	3546M
VAOM3560	168	673	HV3	50	3528M
VBL3507	199	1,483	BE1	40	3428LC
VBL3510	199	1,571	BE1	49	3522LC
VBL3510T	199	1,571	BE1	49	3522LC
VBM3108	203	957	BO3	28	3416M
VBM3112	203	1,112	BO3	31	3420M
VBM3116	203	1,211	BO3	33	3424M
VBM3154	203	1,407	BO3	44	3518M
VBM3218T	203	2,691	BO3	84	3630M
VBM3538	200	1,016	BE3	30	3420M
VBM3538-5S	198	1,179	UH3	42	3512M
VBM3538-D	197	1,242	UH3	46	3512M
VBM3538-S	198	1,179	UH3	41	3512M
VBM3542	200	1,190	BE3	35	3428M
VBM3542-5	200	1,190	BE3	40	3516M
VBM3542-D	197	1,289	UH3	52	3514M
VBM3542-S	198	1,226	UH3	47	3514M
VBMNM3538-D	197	1,270	UH3	44	3512M
VBNM3542-D	197	1,319	UH3	48	3514M
VDM3537	61	624	SDD	25	3414M
VDM3538	61	646	SDD	28	3420M
VDM3541	61	660	SDD	27	3418M
VDM3542	61	672	SDD	31	3428M
VDRX05144	117	1,553	XDM	41	3520M
VDRX14144T	117	1,561	XDM	50	3520M
VDRX14244T	117	1,623	XDM	59	3528M
VDRX18344T	117	1,976	XDM	127	0632M
VDRX18544T	117	2,287	XDM	123	0642M
VDRX21144T	117	3,782	XDM	252	0750M
VDRX21744T	117	2,842	XDM	228	0738M
VDRX25244T	117	5,693	XDM	335	0960M
VDRX28344T	117	8,299	XDM	518	1056M
VDRX32444T	117	10,992	XDM	720	1254M
VDRX32544T	117	12,603	XDM	782	1276M
VDRX050544	117	1,071	XDM	37	3512M
VDRX050744	117	1,171	XDM	37	3514M
VDRX051544	117	1,576	XDM	46	3526M
VDRX141544T	117	1,584	XDM	46	3526M
VDRX251544T	117	4,540	XDM	373	0944M
VDRX282544T	117	6,955	XDM	506	1054M
VEBM3116T	203	1,543	BO3	44	3520M
VEBM3154T	203	1,612	BO3	44	3522M
VEBM3157T	203	1,667	BO3	50	3526M
VEBM3211T	203	1,912	BO3	81	3630M
VEBM3218T	203	2,300	BO3	100	3640M
VEBM3218T-DI	202	2,300	BO3	122	3640M
VEBM3248T	203	1,997	BO3	99	3640M
VEBM3542-D	197	1,415	UH3	50	3516M
VEBM3546	200	1,370	BE3	45	3520M
VEBM3546-5S	198	1,372	UH3	51	3520M
VEBM3546-D	197	1,472	UH3	54	3520M
VEBM3546-S	198	1,372	UH3	51	3520M
VEBM3546T	200	1,571	BE3	45	3520M
VEBM3546T-5	200	1,571	BE3	44	3520M
VEBM3546T-5D	197	1,581	UH3	52	3520M
VEBM3546T-D	197	1,581	UH3	51	3520M
VEBM3546T-S	198	1,383	UH3	51	3520M
VEBM3554	200	1,645	BE3	53	3526M
VEBM3554-D	197	1,533	UH3	58	3526M
VEBM3554-S	198	1,487	UH3	54	3526M
VEBM3554T	200	1,692	BE3	52	3526M
VEBM3554T-5	200	1,692	BE3	52	3526M
VEBM3554T-5D	197	1,645	UH3	55	3526M
VEBM3554T-5S	198	1,497	UH3	54	3526M
VEBM3554T-D	197	1,645	UH3	58	3526M
VEBM3554T-S	198	1,497	UH3	54	3526M
VEBM3558	200	1,694	BE3	56	3528M
VEBM3558-D	197	1,671	UH3	57	3528M
VEBM3558-S	198	1,535	UH3	58	3528M
VEBM3558T	200	1,740	BE3	57	3528M
VEBM3558T-5	200	1,740	BE3	57	3528M
VEBM3558T-5D	197	1,680	UH3	62	3528M
VEBM3558T-D	197	1,680	UH3	62	3528M
VEBM3558T-S	198	1,545	UH3	58	3528M
VEBM3611T	200	1,945	BE3	82	3632M
VEBM3611T-5	200	1,945	BE3	82	3628M
VEBM3611T-5D	197	2,218	UH3	101	3628M
VEBM3611T-D	197	2,218	UH3	101	3632M
VEBM3611T-S	198	1,850	UH3	83	3632M

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VEBM3615T	200	2,279	BE3	99	3642M
VEBM3615T-5D	197	2,674	UH3	117	3640M
VEBM3615T-D	197	2,674	UH3	117	3642M
VEBM3615T-DI	202	2,279	BE3	125	3642M
VEBM3615T-S	198	2,152	UH3	106	3642M
VEBM3710T	200	4,179	BE3	172	3738M
VEBM3710T-D	197	3,641	UH3	151	3738M
VEBM3714T	200	4,557	BE3	165	3752M
VEBM3714T-D	197	4,222	UH3	177	3752M
VEBNM3538	200	1,434	BE3	37	3516M
VEBNM3542	200	1,612	BE3	53	3516M
VEBNM3546-D	197	1,485	UH3	51	3524M
VEBNM3554T-D	197	1,612	UH3	62	3534M
VECP2276T	52	3,392	SDM	338	0954M
VECP2332T	52	4,246	SDM	348	0960M
VECP2333T	52	3,279	SDM	314	0944M
VECP2333T-4	52	3,279	SDM	303	0944M
VECP2334T	52	3,476	SDM	338	0960M
VECP2334T-4	52	3,476	SDM	365	0960M
VECP3580-4	52	1,001	SDM	60	0516M
VECP3581	52	1,094	SDM	66	0524M
VECP3581-4	52	1,094	SDM	66	0524M
VECP3581T	52	1,094	SDM	67	0524M
VECP3581T-4	52	1,094	SDM	66	0524M
VECP3582T	52	1,205	SDM	69	0526M
VECP3583T-4	52	1,129	SDM	67	0524M
VECP3584T	52	1,112	SDM	71	0530M
VECP3584T-4	52	1,112	SDM	70	0530M
VECP3586T-4	52	1,182	SDM	74	0532M
VECP3587T	52	1,158	SDM	75	0534M
VECP3587T-4	52	1,158	SDM	75	0534M
VECP3660T-4	52	1,419	SDM	103	0628M
VECP3661T	52	1,487	SDM	112	0632M
VECP3661T-4	52	1,487	SDM	105	0632M
VECP3663T-4	52	1,727	SDM	108	0634M
VECP3664T	52	1,451	SDM	114	0642M
VECP3665T	52	1,513	SDM	119	0642M
VECP3665T-4	52	1,513	SDM	119	0642M
VECP3667T	52	1,431	SDM	103	0630M
VECP3764T	52	2,140	SDM	165	0738M
VECP3768T	52	2,165	SDM	225	0748M
VECP3769T-4	52	2,313	SDM	173	0732M
VECP3770T	52	1,966	SDM	170	0738M
VECP3770T-4	52	1,966	SDM	170	0738M
VECP3771T-4	52	2,450	SDM	203	0742M
VECP3774T	52	2,322	SDM	231	0748M
VECP3774T-4	52	2,322	SDM	231	0748M
VECP4100T	52	5,006	SDM	503	1046M
VECP4102T	52	6,534	SDM	528	1054M
VECP4103T	52	4,602	SDM	483	1054M
VECP4111T	52	6,877	SDM	636	1260M
VECP82333T-4	57	3,318	SD8	324	0944M
VECP82334T-4	57	3,517	SD8	355	0964M
VECP82394T-4	57	3,403	SD8	304	0934M
VECP83583T-4	57	1,153	SD8	75	0524M
VECP83584T-4	57	1,199	SD8	76	0530M
VECP83586T-4	57	1,264	SD8	83	0526M
VECP83587T-4	57	1,250	SD8	79	0534M
VECP83660T-4	57	1,536	SD8	121	0632M
VECP83661T-4	57	1,628	SD8	117	0632M
VECP83663T-4	57	1,871	SD8	132	0642M
VECP83665T-4	57	1,637	SD8	128	0642M
VECP83769T-4	57	2,414	SD8	179	0732M
VECP83770T-4	57	2,062	SD8	211	0740M
VECP83771T-4	57	2,563	SD8	225	0742M
VECP83774T-4	57	2,499	SD8	231	0748M
VECP84106T-4	57	3,879	SD8	319	0954M
VEDM3545	61	907	SDD	28	3420M
VEDM3546	61	1,004	SDD	37	3520M
VEDM3550	61	992	SDD	44	3520M
VEDM3554	61	1,086	SDD	42	3526M
VEDM3555	61	1,086	SDD	41	
VEDM3558	61	1,133	SDD	47	3528M
VEDM3555T	61	1,166	SDD	41	
VEDM3558T	61	1,143	SDD	47	3528M
VEDM3559T	61	1,203	SDD	50	
VEDM3611T	61	1,262	SDD	86	3632M
VEDM3615T	61	1,291	SDD	91	3642M
VEDM3710T	61	1,920	SDD	131	3738M
VEDM3714T	61	2,091	SDD	147	3752M
VEFWD3546	93	1,062	WDW	38	3520M
VEFWD3546T	93	1,070	WDW	36	3520M
VEFWD3554T	93	1,148	WDW	43	3526M
VEJMM2333T	137	3,297	PC3	278	0944M
VEJMM2333T-5	137	3,020	PC3	255	0944M
VEJMM2334T	137	3,510	PC3	303	0960M
VEJMM2334T-5	137	3,510	PC3	303	0960M

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VEJMM3116T	139	707	PC3	37	3520M
VEJMM3116T-5	139	707	PC3	44	3524M
VEJMM3154T	139	758	PC3	43	3522M
VEJMM3154T-5	139	758	PC3	51	3530M
VEJMM3157T	139	829	PC3	46	3526M
VEJMM3157T-5	139	829	PC3	52	3532M
VEJMM3158T	139	878	PC3	48	3528M
VEJMM3211T	139	910	PC3	74	3630M
VEJMM3211T-5	139	910	PC3	74	3628M
VEJMM3212T	139	1,050	PC3	63	3622M
VEJMM3218T	139	1,030	PC3	84	3640M
VEJMM3218T-5	139	1,030	PC3	77	3632M
VEJMM3219T	139	1,515	PC3	77	3632M
VEJMM3311T	139	1,554	PC3	125	3734M
VEJMM3312T	139	1,774	PC3	121	3728M
VEJMM3313T	139	1,682	PC3	165	3742M
VEJMM3314T	139	2,379	PC3	131	3734M
VEJMM3546T	137	691	PC3	38	3520M
VEJMM3546T-5	137	889	PC3	38	3520M
VEJMM3554T	137	729	PC3	45	3526M
VEJMM3554T-5	137	971	PC3	41	3526M
VEJMM3558T	137	873	PC3	44	3528M
VEJMM3558T-5	137	1,018	PC3	45	3528M
VEJMM3611T	137	996	PC3	74	3632M
VEJMM3611T-5	137	1,146	PC3	70	3632M
VEJMM3615T	137	1,175	PC3	90	3642M
VEJMM3615T-5	137	1,175	PC3	93	3642M
VEJMM3709T	137	1,799	PC3	121	3728M
VEJMM3710T	137	1,682	PC3	136	3738M
VEJMM3710T-5	137	1,660	PC3	127	3738M
VEJMM3714T	137	1,948	PC3	165	3752M
VEJMM3714T-5	137	1,831	PC3	165	3752M
VEL11301	21	473	GO1	27	3418LC
VEL11301A	21	500	GO1	27	3418LC
VEL11303	21	493	GO1	24	3413LC
VEL11303A	21	500	GO1	27	-
VEL11304	21	527	GO1	32	3424LC
VEL11304A	21	554	GO1	32	3424LC
VEL11305	21	817	GO1	42	3526LC
VEL11306	21	514	GO1	39	3428LC
VEL11306A	21	541	GO1	39	-
VEL11307	21	622	GO1	44	3524LC
VEL11307A	21	649	GO1	39	3524LC
VEL11308	21	916	GO1	47	3530LC
VEL11309	21	598	GO1	43	3524LC
VEL11309A	21	625	GO1	43	-
VEL11313	21	676	GO1	52	3532LC
VEL11313A	21	703	GO1	52	-
VEL11317	21	743	GO1	66	3540LC
VEL11317A	21	770	GO1	66	-
VEL11318	21	712	GO1	44	3528LC
VEL11318A	21	739	GO1	44	3528LC
VEL11319	21	842	GO1	59	3540LC
VEM2332T	31	3,492	GE3	322	0960M
VEM2333T	31	2,889	GE3	268	0944M
VEM2333T-5	32	2,889	GE3	266	0944M
VEM2334T	31	3,379	GE3	303	0960M
VEM2334T-5	32	3,379	GE3	296	0960M
VEM2394T	31	3,103	GE3	225	0750M
VEM2513T	39	2,692	GO3	234	3948M
VEM2514T	39	2,727	GO3	185	3928M
VEM2515T	39	2,922	GO3	220	3948M
VEM2516T	39	3,209	GO3	233	3938M
VEM2531T	39	3,749	GO3	377	4050M
VEM2534T	39	3,987	GO3	320	4040M
VEM3116T	39	749	GO3	38	3520M
VEM3120T	39	650	GO3	34	3518M
VEM3154T	39	781	GO3	37	3522M
VEM3155T	39	756	GO3	43	3524M
VEM3156T	39	765	GO3	39	3524M
VEM3157T	39	741	GO3	43	3526M
VEM3158T	39	765	GO3	50	3528M
VEM3159T	39	889	GO3	68	3628M
VEM3161T	39	794	GO3	74	3630M
VEM3211T	39	930	GO3	74	3630M
VEM3212T	39	866	GO3	64	3544M
VEM3215T	39	942	GO3	82	3636M
VEM3218T	39	1,012	GO3	92	3640M
VEM3219T	39	1,331	GO3	77	3632M
VEM3305T	39	1,269	GO3	137	3734M
VEM3309T	39	1,613	GO3	141	3744M
VEM3311T	39	1,543	GO3	120	3734M
VEM3312T	39	1,602	GO3	121	3728M
VEM3313T	39	1,834	GO3	132	3742M
VEM3314T	39	2,207	GO3	131	3734M
VEM3538	30	617	GE3	31	3514M
VEM3538-5	31	617	GE3	32	3516M

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VEM3542	30	655	GE3	35	3516M
VEM3542-5	31	655	GE3	33	3516M
VEM3545	30	669	GE3	32	3516M
VEM3545-5	31	669	GE3	27	3516M
VEM3545-57	222	631	5E3	35	3516M
VEM3546	30	680	GE3	36	3520M
VEM3546-5	31	680	GE3	35	3520M
VEM3546-57	222	625	5E3	34	3518M
VEM3546T	30	689	GE3	36	3520M
VEM3546T-5	31	689	GE3	36	3520M
VEM3546T-57	222	625	5E3	34	3518M
VEM3550	30	754	GE3	35	3520M
VEM3550-5	31	754	GE3	38	3520M
VEM3550T	30	764	GE3	38	3520M
VEM3550T-5	31	764	GE3	35	3520M
VEM3550T-57	222	686	5E3	43	3524M
VEM3554	30	753	GE3	42	3526M
VEM3554-5	31	753	GE3	50	3534M
VEM3554T	30	762	GE3	41	3526M
VEM3554T-5	31	762	GE3	41	3526M
VEM3554T-57	222	649	5E3	41	3526M
VEM3555	31	823	GE3	43	3526M
VEM3555-5	31	823	GE3	41	3526M
VEM3555-57	222	681	5E3	50	3532M
VEM3555T	31	833	GE3	41	3526M
VEM3555T-57	222	749	5E3	50	3532M
VEM3556	30	874	GE3	43	3526M
VEM3556T	30	884	GE3	41	3526M
VEM3557	30	903	GE3	72	3632M
VEM3557T	30	913	GE3	72	3632M
VEM3558	31	795	GE3	46	3528M
VEM3558-5	31	795	GE3	45	3528M
VEM3558T	31	804	GE3	47	3528M
VEM3558T-5	31	804	GE3	46	3528M
VEM3558T-57	222	688	5E3	45	3528M
VEM3559	31	899	GE3	50	3532M
VEM3559-5	32	899	GE3	50	3532M
VEM3559T	31	909	GE3	50	3532M
VEM3561	31	868	GE3	70	3632M
VEM3561T	31	878	GE3	70	3632M
VEM3581	30	978	GE3	52	0518M
VEM3581T	30	978	GE3	54	0518M
VEM3581T-5	31	978	GE3	53	0518M
VEM3584T	30	1,012	GE3	60	0526M
VEM3584T-5	31	1,012	GE3	58	0526M
VEM3587T	31	1,058	GE3	59	0528M
VEM3587T-5	31	1,058	GE3	60	0528M
VEM3609	192	1,444	DPL	45	3528M
VEM3610T	31	954	GE3	50	3532M
VEM3610T-5	32	954	GE3	53	3532M
VEM3611	192	1,493	DPL	70	3632M
VEM3611T	31	854	GE3	73	3632M
VEM3611T-5	32	854	GE3	71	3632M
VEM3613	192	1,341	DPL	74	3630M
VEM3613T	31	1,050	GE3	75	3630M
VEM3613T-5	32	1,050	GE3	74	3630M
VEM3614	192	1,632	DPL	97	3644M
VEM3614T	31	1,109	GE3	91	3646M
VEM3615	192	1,704	DPL	93	3642M
VEM3615T	31	880	GE3	88	3642M
VEM3615T-5	32	880	GE3	88	3642M
VEM3616T	31	1,362	GE3	96	3646M
VEM3661T	31	1,226	GE3	98	0632M
VEM3661T-5	32	1,226	GE3	98	0632M
VEM3663T	31	1,448	GE3	99	0628M
VEM3664T	31	1,336	GE3	113	0642M
VEM3665T	31	1,252	GE3	109	0642M
VEM3665T-5	32	1,252	GE3	110	0642M
VEM3704T	31	1,488	GE3	132	3738M
VEM3708T	31	1,663	GE3	149	3752M
VEM3709T	31	1,604	GE3	96	3646M
VEM3709T-5	32	1,604	GE3	101	3646M
VEM3710T	31	1,465	GE3	129	3738M
VEM3710T-5	32	1,465	GE3	123	3738M
VEM3711T	31	1,624	GE3	125	3732M
VEM3711T-5	32	1,624	GE3	118	3728M
VEM3713T	31	2,234	GE3	170	3752M
VEM3713T-5	32	2,234	GE3	169	3752M
VEM3714T	31	1,636	GE3	165	3752M
VEM3714T-5	32	1,636	GE3	165	3752M
VEM3770T	31	1,700	GE3	170	0738M
VEM3770T-5	32	1,700	GE3	170	0738M
VEM3774T	31	1,883	GE3	197	0748M
VEM3774T-5	32	1,883	GE3	231	0748M
VEM4103T	31	4,431	GE3	425	1054M
VEM4104T	31	5,112	GE3	286	1056M
VEM4106T	31	3,349	GE3	229	0936M

(1) Shipping weight (lbs.) is approximate.

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VEM4107T	31	4,383	GE3	283	0944M
VEM4108T	31	5,062	GE3	299	0950M
VEM31104	39	479	G03	24	3416M
VEM31107	39	510	G03	24	3416M
VEM31108	39	525	G03	31	3424M
VEM31109	39	571	G03	34	3428M
VEM31111	39	508	G03	25	3416M
VEM31112	39	575	G03	32	3516M
VEM31115	39	520	G03	27	3420M
VEM31116	39	604	G03	37	3520M
VEM31120	39	536	G03	34	3518M
VEM31153	39	696	G03	39	3524M
VEM31154	39	659	G03	35	3526M
VEM31155	39	700	G03	43	3524M
VEM31157	39	690	G03	48	3526M
VEM31158	39	669	G03	50	3528M
VENC83580T-4	57	985	SD8	59	0520M
VENC83581T-4	57	1,063	SD8	63	0524M
VENM3538	30	641	GE3	32	3516M
VENM3542	30	700	GE3	33	3516M
VENM3546	30	766	GE3	38	3524M
VENM3546T	30	776	GE3	40	3524M
VENM3581T	30	978	GE3	56	0524M
VESSFWM3546	85	1,509	WDS	39	3524M
VESSWDM3546	85	1,369	WDS	44	3524M
VESSWDM3546-5	85	1,369	WDS	39	3524M
VESSWDM3546T	85	1,390	WDS	44	3524M
VESSWDM3554	85	1,396	WDS	46	3526M
VESSWDM3554T	85	1,417	WDS	45	3528M
VESSWDM3554T-5	85	1,417	WDS	45	3528M
VESSWDM3555-5	85	1,655	WDS	41	3532M
VESSWDM3558	85	1,689	WDS	48	3528M
VESSWDM3558T	85	1,710	WDS	45	3528M
VESSWDM3558T-5	85	1,710	WDS	56	3538M
VESSWDM3559T	85	2,032	WDS	64	3546M
VESSWDM3611T	85	1,951	WDS	60	3636M
VESSWDM3611T-5	85	1,951	WDS	83	3636M
VESSWDM3613T	85	2,284	WDS	83	3636M
VESSWDM3615T	85	2,207	WDS	101	3646M
VESSWDM3615T-5	85	2,207	WDS	112	-
VESSWDM3710T	85	2,794	WDS	139	3740M
VESSWDM3714T	85	3,090	WDS	188	3756M
VESSWDM3714T-5	85	3,090	WDS	191	3756M
VESWDM3546	86	1,095	WDP	39	3524M
VESWDM3546-5	87	1,095	WDP	39	3524M
VESWDM3546T	86	1,099	WDP	43	3524M
VESWDM3546T-5	87	1,099	WDP	39	3524M
VESWDM3554	86	1,192	WDP	47	3534M
VESWDM3554-5	87	1,192	WDP	57	3534M
VESWDM3554T	86	1,192	WDP	49	3534M
VESWDM3554T-5	87	1,192	WDP	47	3534M
VESWDM3558T	86	1,361	WDP	55	3536M
VESWDM3558T-5	87	1,357	WDP	62	3538M
VEUHM3538	195	607	UH3	33	3514M
VEUHM3542	195	645	UH3	35	3516M
VEUHM3546	195	664	UH3	38	3520M
VEUHM3546-5	195	664	UH3	38	3520M
VEUHM3546T	195	676	UH3	38	3520M
VEUHM3546T-5	195	676	UH3	38	3520M
VEUHM3554	195	845	UH3	41	3526M
VEUHM3554T	195	706	UH3	43	3526M
VEUHM3554T-5	195	706	UH3	44	3526M
VEUHM3558	195	891	UH3	45	3528M
VEUHM3558T	195	784	UH3	48	3528M
VEUHM3558T-5	195	784	UH3	48	3528M
VEUHM3611T	195	891	UH3	73	3632M
VEUHM3615T	195	980	UH3	88	3642M
VEUHM3710T	195	1,445	UH3	151	3738M
VEWDM3538	93	868	WDW	32	3516M
VEWDM3542	93	955	WDW	32	3516M
VEWDM3546	93	1,034	WDW	40	3524M
VEWDM3546T	93	1,042	WDW	40	3524M
VEWDM3554	93	1,110	WDW	48	3534M
VEWDM3554T	93	1,119	WDW	48	3534M
VEWDM3558	93	1,181	WDW	46	3528M
VEWDM3558T	93	1,204	WDW	47	3528M
VEWDM3559	93	1,368	WDW	50	3532M
VEWDM3559T	93	1,381	WDW	50	3532M
VEWDM3561	93	1,319	WDW	73	3632M
VEWDM3561T	93	1,334	WDW	73	3632M
VEWDM3611T	93	1,513	WDW	73	3632M
VEWDM3615T	93	1,715	WDW	89	3642M
VEWDM3651T	93	1,524	WDW	91	3646M
VEWDM3710T	93	2,294	WDW	151	3738M
VEWDM3714T	93	2,465	WDW	165	3752M
VFDEM3546	176	742	FD3	37	3520M
VFDEM3554	176	760	FD3	41	3526M

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VFDL3516TM	178	1,298	FD1	53	3535LC
VFDL3610TM	178	1,758	FD1	98	3640LC
VFDL3612TM	178	2,147	FD1	101	3646LC
VFDL3501M	178	585	FD1	23	3414L
VFDL3504M	178	670	FD1	27	3421L
VFDL3507M	178	780	FD1	44	3432LC
VFDL3510M	178	882	FD1	40	3524L
VFDL3514M	178	999	FD1	48	3532LC
VFDL3516TM	178	1,298	FD1	53	3535LC
VFDL3610TM	178	1,758	FD1	98	3640LC
VFDL3612TM	178	2,147	FD1	101	3646LC
VFDM3538	176	515	FD3	24	3416M
VFDM3542	176	557	FD3	27	3420M
VFSFWM3538-E	78	1,636	WDF	35	3516M
VFSFWM3542-E	78	1,691	WDF	37	3522M
VFSFWM3546-E	78	1,767	WDF	44	3522M
VFSFWM3546T-E	78	1,782	WDF	37	3522M
VFSWDL3503	75	1,305	WDF	33	3516L
VFSWDL3504	75	1,404	WDF	41	3524L
VFSWDL3506	75	1,453	WDF	33	3516L
VFSWDL3507	75	1,543	WDF	47	3532L
VFSWDL3509	75	1,556	WDF	41	3524L
VFSWDL3510	75	1,665	WDF	63	3540L
VFSWDM3537-E	78	1,546	WDF	35	3516M
VFSWDM3538-5E	79	1,573	WDF	35	3516M
VFSWDM3538-E	78	1,573	WDF	35	3516M
VFSWDM3539-E	78	1,546	WDF	37	3522M
VFSWDM3541-E	78	1,602	WDF	38	3520M
VFSWDM3542-5E	79	1,628	WDF	37	3522M
VFSWDM3542-E	78	1,628	WDF	41	3522M
VFSWDM3543-E	78	1,959	WDF	45	3530M
VFSWDM3545-E	78	1,685	WDF	37	3520M
VFSWDM3546-5E	79	1,702	WDF	39	3524M
VFSWDM3546-E	78	1,702	WDF	37	3522M
VFSWDM3546T-5E	79	1,719	WDF	39	3524M
VFSWDM3546T-E	78	1,719	WDF	37	3522M
VFSWDM3550-E	78	1,786	WDF	53	3532M
VFSWDM3550T-E	78	1,802	WDF	50	3532M
VFSWDM3554-E	78	1,826	WDF	45	3528M
VFSWDM3554T-5E	79	1,877	WDF	48	3528M
VFSWDM3554T-E	78	1,877	WDF	45	3528M
VFSWDM3555T-E	78	2,137	WDF	50	3532M
VFSWDM3556-E	78	2,028	WDF	45	3534M
VFSWDM3558-E	78	2,122	WDF	56	3528M
VFSWDM3558T-5E	79	2,164	WDF	56	3538M
VFSWDM3558T-E	78	2,164	WDF	63	3528M
VFSWDM3559-E	78	2,519	WDF	61	3546M
VFSWDM3559T-E	78	2,529	WDF	63	3546M
VFSWDM3611T-E	78	2,591	WDF	86	3636M
VFSWDM3613T-E	78	2,749	WDF	81	3634M
VFSWDM3615T-E	78	2,771	WDF	101	3646M
VFSWDM3651-E	78	2,577	WDF	83	3636M
VFSWDM3651T-E	78	2,582	WDF	83	3636M
VFSWDM3709T-E	78	3,438	WDF	131	3734M
VFSWDM3710T-E	78	3,511	WDF	136	3740M
VFSWDM3711T-E	78	3,916	WDF	149	3744M
VFSWDM3713T-E	78	5,939	WDF	187	3756M
VFSWDM3714T-5E	79	4,158	WDF	187	3756M
VFSWDM3714T-E	78	4,158	WDF	187	3756M
VFSWDM3554-E	78	1,763	WDF	59	3540M
VFSWDM3554T-E	78	1,814	WDF	59	3540M
VFSWDM3555-E	78	2,029	WDF	63	3546M
VFSWDM3555T-E	78	2,074	WDF	63	3546M
VFSWDM3558-E	78	2,059	WDF	63	3546M
VFSWDM3558T-E	78	2,100	WDF	63	3546M
VFSWDM3610T-E	78	2,602	WDF	96	3646M
VFSWDM3611T-E	78	2,510	WDF	101	3646M
VFWM3538	93	678	WDW	29	3512M
VFWM3542	93	733	WDW	31	3514M
VHECP2333T	144	4,465	PV3	316	0944M
VHECP2334T	144	4,664	PV3	337	0960M
VHECP2394T	144	4,642	PV3	296	0930M
VHECP3660T	144	2,394	PV3	120	0624M
VHECP3661T	144	2,144	PV3	129	0632M
VHECP3663T	144	2,907	PV3	99	0632M
VHECP3665T	144	2,692	PV3	141	0642M
VHECP3769T	144	3,489	PV3	173	0726M
VHECP3770T	144	3,243	PV3	170	0738M
VHECP3771T	144	3,628	PV3	203	0742M
VHECP3774T	144	3,498	PV3	231	0748M
VHECP4103T	144	5,724	PV3	518	1054M
VHECP4104T	144	6,446	PV3	563	1056M
VHECP4106T	144	5,128	PV3	325	0944M
VHECP4107T	144	5,968	PV3	337	0950M
VHECP4108T	144	6,865	PV3	361	0950M
VHECP4109T	144	9,113	PV3	600	1240M
VHECP4110T	144	8,238	PV3	650	1254M
VHECP4114T	144	9,442	PV3	668	1252M

(1) Shipping weight (lbs.) is approximate.

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VHECP4115T	144	9,278	PV3	764	1272M
VHECP4310T	144	12,828	PV3	959	A36056M
VHECP4313T	144	14,058	PV3	1,042	A36068M
VHECP4314T	144	11,811	PV3	969	A36062M
VHECP4316T	144	13,397	PV3	1,008	A36070M
VHEM2513T	146	3,172	PV3	360	0948M
VHEM2514T	146	3,207	PV3	229	0936M
VHEM2515T	146	3,402	PV3	283	0946M
VHEM2516T	146	3,689	PV3	283	0944M
VHEM2531T	146	4,143	PV3	420	1050M
VHEM2534T	146	4,381	PV3	385	1048M
VHEM2535T	146	4,439	PV3	460	1072M
VHEM2538T	146	5,362	PV3	410	1046M
VHEM2539T	146	5,846	PV3	600	1250M
VHEM2542T	146	6,106	PV3	500	1250M
VHEM2543T	146	6,313	PV3	700	1272M
VHEM2546T	146	7,373	PV3	641	1268M
VHEM3210T	146	1,069	PV3	61	0618M
VHEM3211T	146	1,200	PV3	100	0630M
VHEM3212T	146	1,136	PV3	95	0624M
VHEM3218T	146	1,282	PV3	119	0642M
VHEM3219T	146	1,601	PV3	122	0642M
VHEM3311T	146	1,815	PV3	173	0740M
VHEM3312T	146	1,874	PV3	164	0730M
VHEM3313T	146	2,106	PV3	231	0748M
VHEM3314T	146	2,479	PV3	203	0744M
VJPFPM2513T	124	2,230	PF3	220	3936M
VJPFPM2514T	124	2,389	PF3	145	3742M
VJPFPM2514T-2/4	124	2,389	PF3	145	3742M
VJPFPM2514T-5	125	2,389	PF3	145	3742M
VJPFPM2515T	124	2,497	PF3	231	3936M
VJPFPM2515T-5	125	2,497	PF3	208	3936M
VJPFPM2516T	124	2,745	PF3	221	3934M
VJPFPM2516T-2/4	124	2,745	PF3	221	3934M
VJPFPM2516T-5	125	2,745	PF3	219	3934M
VJPFPM2531T	124	3,062	PF3	272	3956M
VJPFPM2531T-5	125	3,062	PF3	322	3956M
VJPFPM2534T	124	3,250	PF3	235	3936M
VJPFPM2534T-2/4	124	3,250	PF3	235	3936M
VJPFPM2534T-5	125	3,250	PF3	266	3936M
VJPFPM2535T	124	3,758	PF3	375	4052M
VJPFPM2535T-5	125	3,758	PF3	396	4052M
VJPFPM2538T	124	3,885	PF3	263	3954M
VJPFPM2538T-2/4	124	3,885	PF3	263	3954M
VJPFPM2538T-5	125	3,885	PF3	303	3954M
VJPFPM2539T	124	4,519	PF3	375	4052M
VJPFPM2539T-5	125	4,519	PF3	530	4052M
VJPFPM2542T	124	4,841	PF3	331	4044M
VJPFPM2542T-2/4	124	4,841	PF3	331	4044M
VJPFPM2542T-5	125	4,841	PF3	396	4044M
VJPFPM2543T	124	5,030	PF3	378	4064M
VJPFPM2543T-5	125	5,030	PF3	396	4064M
VJPFPM2546T	124	5,730	PF3	385	4062M
VJPFPM2546T-2/4	124	5,730	PF3	385	4062M
VJPFPM2546T-5	125	5,730	PF3	380	4062M
VJPFPM2547T	124	6,232	PF3	480	4252M
VJPFPM2547T-5	125	6,232	PF3	475	4252M
VJPFPM2549T	124	7,728	PF3	472	4250M
VJPFPM2549T-2/4	124	7,728	PF3	472	4250M
VJPFPM2549T-5	125	7,728	PF3	648	4250M
VJPFPM2550T	124	8,245	PF3	523	4260M
VJPFPM2550T-2/4	124	8,245	PF3	523	4260M
VJPFPM2550T-5	125	8,245	PF3	523	4260M
VJPFPM2551T	124	7,275	PF3	565	4272M
VJPFPM2551T-5	125	7,275	PF3	565	4272M
VJPFPM3312T	124	1,397	PF3	121	3728M
VJPFPM3312T-2/4	124	1,397	PF3	121	3728M
VJPFPM3313T	124	1,559	PF3	130	3738M
VJPFPM3314T	124	1,795	PF3	131	3734M
VJPFPM3314T-2/4	124	1,795	PF3	131	3734M
VL1321T	21	796	GO1	48	3535L
VL1322T	21	811	GO1	49	3532LC
VL1406T	21	985	GO1	61	3532LC
VL1408T	21	997	GO1	78	3634LC
VL3501	18	400	GE1	22	3414L
VL3501-50	222	494	5E1	17	3418L
VL3503	18	405	GE1	23	3413L
VL3503-50	222	448	5E1	25	3420L
VL3504	18	468	GE1	27	3421L
VL3504-50	222	572	5E1	31	3428L
VL3505	18	866	GE1	43	3528L
VL3506	18	450	GE1	29	3424L
VL3506-50	222	516	5E1	35	3520L
VL3506A	18	497	GE1	28	3424L
VL3507	18	536	GE1	33	3428LC
VL3507-50	222	678	5E1	39	3524L
VL3508	18	996	GE1	44	3528LC

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VL3509	18	518	GE1	36	3520L
VL3509-50	222	607	5E1	40	3524L
VL3509A	18	566	GE1	41	3524L
VL3510	18	614	GE1	40	3524L
VL3510-50	222	776	5E1	47	3532L
VL3510T	18	614	GE1	44	3524L
VL3513	18	673	GE1	40	3524L
VL3513-50	222	781	5E1	48	3532L
VL3513T	18	715	GE1	41	3524L
VL3514	18	696	GE1	48	3532LC
VL3514-50	222	877	5E1	51	3535LC
VL3514T	18	704	GE1	50	3532LC
VL3515	18	862	GE1	50	3535L
VL3515-50	222	991	5E1	52	3535LC
VL3515T	18	878	GE1	51	3535L
VL3605	193	1,553	DPL	64	3628L
VL3605T	18	1,244	GE1	66	3628L
VL3606T	18	1,388	GE1	73	3634L
VL3609T	18	1,469	GE1	79	3634LC
VLECP2333T	144	5,468	PV3	268	0944M
VLECP2334T	145	5,667	PV3	303	0960M
VLECP2394T	144	5,645	PV3	225	0934M
VLECP3660T	144	3,053	PV3	99	0628M
VLECP3661T	144	3,121	PV3	105	0632M
VLECP3663T	144	3,361	PV3	105	0632M
VLECP3665T	144	3,146	PV3	119	0642M
VLECP3769T	144	3,993	PV3	169	0732M
VLECP3770T	144	3,647	PV3	170	0738M
VLECP3771T	144	4,132	PV3	182	0742M
VLECP3774T	144	4,002	PV3	231	0748M
VLECP4103T	145	7,205	PV3	420	1054M
VLECP4104T	145	7,927	PV3	460	1056M
VLECP4106T	145	6,131	PV3	265	0944M
VLECP4107T	145	7,449	PV3	396	1048M
VLECP4108T	145	8,346	PV3	446	1048M
VLECP4109T	145	11,052	PV3	528	1240M
VLECP4110T	145	10,177	PV3	600	1254M
VLECP82333T-4	143	5,723	PV3	268	0944M
VLECP82334T-4	143	5,968	PV3	420	1046M
VLECP82394T-4	143	5,972	PV3	239	0934M
VLECP83660T-4	143	3,126	PV3	95	0624M
VLECP83661T-4	143	3,202	PV3	108	0636M
VLECP83663T-4	143	3,576	PV3	123	0642M
VLECP83665T-4	143	3,341	PV3	115	0642M
VLECP83769T-4	143	4,350	PV3	171	0732M
VLECP83770T-4	143	3,972	PV3	178	0740M
VLECP83771T-4	143	4,336	PV3	189	0742M
VLECP83774T-4	143	4,502	PV3	231	0748M
VLECP84103T-4	143	8,562	PV3	437	1056M
VLECP84104T-4	143	9,313	PV3	460	1060M
VLECP84106T-4	143	6,450	PV3	310	0954M
VLECP84107T-4	143	8,909	PV3	396	1048M
VLECP84108T-4	143	9,814	PV3	400	1048M
VLECP84109T-4	143	13,962	PV3	607	1256M
VLECP84110T-4	143	13,093	PV3	741	1260M
VM3153T	39	606	GO3	32	3428M
VM3531	30	503	GE3	20	3411M
VM3534	30	356	GE3	21	3413M
VM3534-5	31	356	GE3	21	3413M
VM3534-57	222	408	5E3	21	3413M
VM3535	30	565	GE3	22	3414M
VM3537	30	386	GE3	20	3410M
VM3537-5	31	386	GE3	19	3410M
VM3537-57	222	443	5E3	22	3413M
VM3538	30	363	GE3	23	3416M
VM3538-5	31	408	GE3	22	3416M
VM3538-57	222	477	5E3	25	3420M
VM3539	30	606	GE3	24	3418M
VM3541	30	422	GE3	21	3413M
VM3541-5	31	422	GE3	21	3413M
VM3541-57	222	462	5E3	26	3420M
VM3542	30	386	GE3	26	3420M
VM3542-5	31	434	GE3	26	3420M
VM3542-57	222	512	5E3	32	3428M
VM3543	30	620	GE3	32	3428M
VM3543T	30	620	GE3	33	3428M
VNDM3538	61	646	SDD	35	3512M
VNDM3542	61	672	SDD	37	3514M
VNDM3546	61	1,004	SDD	41	3524M
VNDM3546T	61	1,014	SDD	41	3524M
VNDM3554	61	1,086	SDD	48	3534M
VNDM3554T	61	1,096	SDD	49	3534M
VNM3537	30	543	GE3	32	3516M
VNM3538	30	444	GE3	22	3416M
VNM3541	30	580	GE3	36	3520M
VNM3542	30	450	GE3	31	3428M
VP3311D	253	716	PMS	23	3320P
VP3316D	253	755	PMS	27	3327P

(1) Shipping weight (lbs.) is approximate.

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VP3326D	253	845	PMS	31	3336P
VP3411-14	253	805	PMS	30	3410P
VP3416-14	253	857	PMS	31	3413P
VP3426-14	253	876	PMS	37	3420P
VP3428-14	253	876	PMS	31	3416P
VP3428D	253	876	PMS	33	3416P
VP3436-14	253	1,026	PMS	40	3428P
VP3436D	253	1,026	PMS	40	3428P
VP3439-14	253	908	PMS	35	3420P
VP3439D	253	908	PMS	37	3420P
VP3455-14	253	1,248	PMS	45	3435P
VP3455D	253	1,248	PMS	46	3435P
VP3458-14	253	1,026	PMS	38	3428P
VP3458D	253	1,026	PMS	41	3428P
VP3468-14	253	1,114	PMS	43	3432P
VP3468D	253	1,144	PMS	47	3432P
VP3575-14	253	2,312	PMS	73	3536P
VP3575D	253	2,312	PMS	71	3536P
VP3585-14	253	2,758	PMS	80	3548P
VP3585D	253	2,758	PMS	78	3548P
VP3588-14	253	2,312	PMS	70	3536P
VP3588D	253	2,312	PMS	69	3536P
VP3603D	253	3,393	PMS	121	3649P
VP3605D	253	5,592	PMS	166	3681P
VPEC4114T	145	11,448	PV3	587	1252M
VPEC4115T	145	11,284	PV3	700	1272M
VPEC4310T	145	15,515	PV3	999	A36056M
VPEC4313T	145	16,745	PV3	1,005	A36068M
VPEC4314T	145	14,498	PV3	910	A3658M
VPEC4316T	145	16,084	PV3	965	A36070M
VPEC84114T-4	143	12,132	PV3	635	1266M
VPEC84115T-4	143	11,936	PV3	700	1272M
VPEC84310T-4	143	18,758	PV3	999	A36056M
VPEC84313T-4	143	19,464	PV3	1,005	A36068M
VPEC84314T-4	143	18,262	PV3	910	A36062M
VPEC84316T-4	143	18,534	PV3	965	A36070M
VRBM3538	196	1,550	UH3	35	3420M
VRBM3542	196	1,815	UH3	47	3428M
VRBM3546	196	2,091	UH3	47	3436M
VRBM3546T	196	2,236	UH3	46	3436M
VRBM3554T	196	2,275	UH3	63	7530M
VRBM3558T	196	2,338	UH3	69	7536M
VRBM3561T	196	2,407	UH3	76	7542M
VSSFWD3538	85	1,383	WDS	40	3512M
VSSFWD3542	85	1,428	WDS	44	3518M
VSSWDM3457	85	1,023	WDS	33	3512M
VSSWDM3534	85	1,078	WDS	35	3512M
VSSWDM3537	85	1,215	WDS	37	3512M
VSSWDM3538	85	1,308	WDS	40	3516M
VSSWDM3541	85	1,262	WDS	41	3518M
VSSWDM3542	85	1,356	WDS	42	3518M
VSWDM3538	86	707	WDP	28	3512M
VSWDM3538-5	87	707	WDP	33	3512M
VSWDM3542	86	818	WDP	31	3514M
VSWDM3542-5	87	818	WDP	37	3514M
VUHL3518	195	464	UH1	35	3520L
VUHL3519	195	571	UH1	40	3524L
VUHM3538	195	414	UH3	30	3512M
VUHM3538-5	195	414	UH3	33	3514M
VUHM3542	195	439	UH3	35	3514M
VUHM3542-5	195	439	UH3	34	3516M
VWDL3504	89	624	WDW	35	3520L
VWDL3507	89	733	WDW	36	3520L
VWDL3510	89	839	WDW	42	3524L
VWDL3514	89	1,007	WDW	48	3532LC
VWDM3534	93	519	WDW	33	3512M
VWDM3538	93	649	WDW	29	3512M
VWDM3538-5	94	649	WDW	28	3512M
VWDM3542	93	705	WDW	33	3516M
VWDM3542-5	94	705	WDW	32	3516M
VXL05122A	105	826	XP1	48	-
VXL05142A	105	1,045	XP1	52	-
VXL18242	105	2,194	XP1	90	-
VXL050242A	105	732	XP1	29	-
VXL050322A	105	557	XP1	34	-
VXL050342A	105	748	XP1	34	-
VXL050362A	105	1,002	XP1	42	-
VXL050522A	105	721	XP1	28	-
VXL050542A	105	826	XP1	37	-
VXL050562A	105	1,149	XP1	51	-
VXL050722A	105	771	XP1	40	-
VXL050742A	105	920	XP1	48	-
VXL051522	105	1,189	XP1	51	-
VXL051542A	105	1,379	XP1	76	-
VXM05122	109	1,393	XPM	41	3516M
VXM05142	109	1,495	XPM	51	-
VXM05142-5	109	1,495	XPM	42	-
VXM05162	109	1,860	XPM	49	-
VXM05242	109	1,555	XPM	59	-
VXM14142T	109	1,503	XPM	51	-
VXM14142T-5	109	1,503	XPM	44	-
VXM14222T	109	1,716	XPM	55	-
VXM14242T	109	1,563	XPM	59	-
VXM14242T-5	109	1,563	XPM	54	-
VXM18322T	109	2,310	XPM	80	-
VXM18342T	109	1,912	XPM	108	-
VXM18342T-5	109	1,912	XPM	95	-
VXM18522T	109	2,654	XPM	93	-
VXM18542T	109	2,211	XPM	118	-
VXM18542T-5	109	2,211	XPM	110	-
VXM21142T	109	3,649	XPM	249	-
VXM21722T	109	3,039	XPM	149	-
VXM21742T	109	2,745	XPM	161	-
VXM21742T-5	109	2,745	XPM	161	-
VXM050242A	108	631	XPM	25	3410M
VXM050342A	108	747	XPM	28	3413M
VXM050522A	108	848	XPM	26	-
VXM050542-5	109	775	XPM	37	-
VXM050542A	108	775	XPM	30	3416M
VXM050562A	108	1,103	XPM	39	-
VXM050722A	109	881	XPM	29	3413M
VXM050742-5	109	884	XPM	38	-
VXM050742A	109	884	XPM	35	3420M
VXM050762A	109	884	XPM	38	-
VXM051542	109	1,517	XPM	50	-
VXM141522T	109	1,478	XPM	47	-
VXM141542T	109	1,525	XPM	50	-
VXM141542T-5	109	1,525	XPM	50	-
VXM141562T	109	2,482	XPM	102	-
VXT3012T	46	930	XTM	53	0516M
VXT3014T	46	913	XTM	58	0524M
VXT3016T	46	1,017	XTM	56	0526M
VXT3022T	46	1,032	XTM	64	0532M
VXT3024T	46	1,055	XTM	65	0534M
VXT3026T	46	1,325	XTM	115	0640M
VXT3032T	46	1,198	XTM	99	0628M
VXT3032T-140	46	1,163	XTM	64	0532M
VXT3034T	46	1,160	XTM	105	0632M
VXT3036T	46	1,583	XTM	194	0738M
VXT3052T	46	1,355	XTM	115	0632M
VXT3054T	46	1,275	XTM	115	0642M
VXT3056T	46	1,995	XTM	203	0744M
VXT3072T	46	1,832	XTM	171	0732M
VXT3072T-180	46	1,599	XTM	123	0642M
VXT3074T	46	1,785	XTM	203	0738M
VXT3076T	46	3,001	XTM	302	0954M
VXT3102T	46	2,118	XTM	198	0738M
VXT3104T	46	2,105	XTM	231	0748M
VXT3106T	46	3,620	XTM	322	0960M
VXT3152T	46	3,021	XTM	239	0930M
VXT3152T-210	46	2,596	XTM	225	0750M
VXT3154T	46	3,025	XTM	268	0944M
VXT3156T	46	5,143	XTM	437	1046M
VXT3202T	46	3,705	XTM	229	0936M
VXT3204T	46	3,600	XTM	322	0960M
VXT3206T	46	6,147	XTM	437	1054M
VXT3252T-250	46	4,183	XTM	299	0950M
VXT3252TS	46	4,723	XTM	396	1048M
VXT3254T	46	4,470	XTM	437	1056M
VXT3256T	46	7,055	XTM	605	1260M
VXT3302TS	46	5,438	XTM	396	1048M
VXT3304T	46	5,270	XTM	460	1060M
VXT30152T	46	985	XTM	58	0524M
VXT30154T	46	1,035	XTM	63	0530M
VXT30156T	46	1,190	XTM	99	0630M
W64	301	53	SVC	1	-
W70	301	62	SVC	1	-
W82	301	70	SVC	1	-
WCL1406T	132	1,069	PC1	81	3628L
WCL1408T	132	1,226	PC1	91	3634LC
WCL1409T	132	1,513	PC1	91	3634L
WCL1508T	132	1,742	PC1	116	3727L
WCL1509T	132	2,164	PC1	117	3729L
WCL1511T	132	2,669	PC1	143	3740L
WD5600A01SP	102	35	SVC	1	-
WD5603A01SP	102	15	SVC	1	-
WD5603A05SP	102	60	SVC	3	-
WDL3504	89	622	WDW	34	3520L
WDL3507	89	728	WDW	37	3520L
WDL3510	89	842	WDW	41	3524L

(1) Shipping weight (lbs.) is approximate.

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WDL3514T	89	1,037	WDW	50	3532LC
WDM3538	90	621	WDW	27	3512M
WDM3542	90	664	WDW	30	3514M
WDM3558TP	95	1,185	WDW	39	3528M
WDM3561TP	95	1,455	WDW	59	3540M
WDNMM3546-4	96	925	WDW	39	3436M
XEFRPM21104	59	3,102	RP5	170	-
XEFRPM25154	59	3,954	RP5	195	-
XEFRPM25204	59	4,242	RP5	210	-
XEFRPM28254	59	5,550	RP5	290	-
XEFRPM28304	59	6,588	RP5	315	-
XEFRPM32404	59	8,616	RP5	435	-
XEFRPM32504	59	10,116	RP5	500	-
XEFRPM36604	59	13,560	RP5	690	-
XEFRPM36754	59	15,840	RP5	775	-
XEFRPM401004	59	20,796	RP5	955	-
XL05122A	104	824	XP1	50	-
XL05142A	104	1,049	XP1	49	-
XL14142T	104	980	XP1	46	-
XL14222T	104	1,404	XP1	57	-
XL18162	104	2,193	XP1	83	-
XL18242T	104	2,063	XP1	84	-
XL18322T	104	2,144	XP1	84	-
XL21342	104	3,257	XP1	152	-
XL21542	104	4,143	XP1	166	-
XL040242A	104	553	XP1	26	-
XL040322A	104	490	XP1	32	-
XL040342A	104	713	XP1	29	-
XL040542A	104	784	XP1	35	-
XL050242A	104	528	XP1	29	-
XL050245A	104	657	XP1	35	-
XL050342A	104	679	XP1	29	-
XL050362A	104	961	XP1	41	-
XL050522A	104	644	XP1	29	-
XL050542A	104	748	XP1	35	-
XL050545A	104	877	XP1	40	-
XL050562A	104	1,107	XP1	50	-
XL050722A	104	726	XP1	40	-
XL050742A	104	879	XP1	47	-
XL050745A	104	1,008	XP1	53	-
XL050762	104	1,280	XP1	57	-
XL141522T	104	1,136	XP1	54	-
XL181542	104	2,036	XP1	77	-
XM05122	106	1,337	XPM	32	-
XM05122-5	107	1,337	XPM	33	-
XM05142	106	1,439	XPM	50	X3520M
XM05142-5	107	1,439	XPM	50	X3520M
XM05162	106	1,804	XPM	49	X3526M
XM05242	106	1,499	XPM	53	X3532M
XM14142T	106	1,439	XPM	50	X3520M
XM14142T-5	107	1,439	XPM	50	X3520M
XM14162T	106	1,804	XPM	46	X3526M
XM14222T	106	1,652	XPM	46	X3526M
XM14222T-5	107	1,652	XPM	55	X3526M
XM14242T	106	1,499	XPM	59	X3532M
XM14242T-5	107	1,499	XPM	48	X3528M
XM18142	106	1,519	XPM	51	-
XM18262T	106	2,350	XPM	100	X3644M
XM18322T	106	1,995	XPM	80	X3622M
XM18342T	106	1,597	XPM	102	X3632M
XM18342T-5	107	1,597	XPM	102	X3632M
XM18522T	106	2,339	XPM	91	X3634M
XM18522T-5	107	2,339	XPM	85	-
XM18542T	106	1,896	XPM	118	3646M
XM18542T-5	107	1,896	XPM	97	X3642M
XM21122T	106	2,831	XPM	122	3730M
XM21142T	106	3,308	XPM	189	3752M
XM211362T	106	2,656	XPM	139	3738M
XM211562T	106	2,948	XPM	184	3752M
XM21722T	106	2,698	XPM	125	3728M
XM21742T	106	2,404	XPM	161	3744M
XM21742T-5	107	2,404	XPM	161	3736M
XM25162T	106	4,083	XPM	400	X0956M
XM25222T	107	4,105	XPM	390	X0950M
XM25242T	107	4,860	XPM	335	X0960M
XM25762T	106	3,396	XPM	374	X0954M
XM28262T	107	6,757	XPM	539	-
XM28322T	107	6,421	XPM	528	-
XM28342T	107	7,188	XPM	554	1056M
XM32362T	107	9,321	XPM	766	-
XM32422T	107	8,565	XPM	630	-
XM32442T	107	9,633	XPM	713	1254M
XM32522T	107	10,967	XPM	745	-
XM32542T	107	11,182	XPM	764	-
XM36462T	107	10,803	XPM	915	A36062M

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XM36562T	107	12,193	XPM	918	A36062M
XM36642T	107	12,508	XPM	972	A3658M
XM040242A	106	575	XPM	25	3410M
XM040542A	106	719	XPM	30	-
XM050342A	106	691	XPM	28	3413M
XM050362A	106	992	XPM	34	-
XM050522A	106	792	XPM	27	-
XM050542-5	107	719	XPM	34	-
XM050542A	106	719	XPM	30	3416M
XM050562A	106	1,047	XPM	39	-
XM050722A	106	825	XPM	29	-
XM050742-5	107	828	XPM	33	-
XM050742A	106	828	XPM	35	3420M
XM050762A	106	1,112	XPM	43	-
XM051542	106	1,461	XPM	46	X3526M
XM140762TA	106	1,112	XPM	47	-
XM141522T	106	1,414	XPM	47	X3520M
XM141522T-5	107	1,414	XPM	45	-
XM141542T	106	1,461	XPM	46	X3526M
XM141542T-5	107	1,461	XPM	46	X3526M
XM181562T	106	2,167	XPM	102	X3632M
XM251522T	107	3,201	XPM	349	X0934M
XM251542T	107	3,751	XPM	373	X0944M
XM281562T	107	6,581	XPM	478	-
XM282522T	107	5,463	XPM	507	1048M
XM282542T	107	5,896	XPM	537	1054M
XM322562T	107	8,449	XPM	737	-
XT3012T	43	892	XTM	53	0516M
XT3014T	43	875	XTM	58	0524M
XT3016T	43	979	XTM	56	0526M
XT3022T	43	992	XTM	64	0532M
XT3024T	43	1,015	XTM	65	0534M
XT3026T	43	1,265	XTM	113	0642M
XT3032T	43	1,138	XTM	99	0628M
XT3032T-140	43	1,123	XTM	64	0532M
XT3034T	43	1,100	XTM	105	0632M
XT3036T	43	1,498	XTM	194	0738M
XT3052T	43	1,295	XTM	115	0632M
XT3054T	43	1,215	XTM	115	0642M
XT3056T	43	1,910	XTM	203	0746M
XT3072T	43	1,747	XTM	171	0732M
XT3072T-180	43	1,539	XTM	123	0642M
XT3074T	43	1,700	XTM	203	0738M
XT3076T	43	2,891	XTM	302	0954M
XT3102T	43	2,033	XTM	198	0738M
XT3104T	43	2,020	XTM	231	0748M
XT3106T	43	3,510	XTM	323	0960M
XT3152T	43	2,911	XTM	239	0930M
XT3152T-210	43	2,511	XTM	225	0750M
XT3154T	43	2,915	XTM	269	0944M
XT3156T	43	4,973	XTM	437	1054M
XT3202T	43	3,595	XTM	229	0936M
XT3204T	43	3,490	XTM	322	0960M
XT3206T	43	5,977	XTM	437	1054M
XT3252T-250	43	4,073	XTM	299	0950M
XT3252TS	43	4,553	XTM	396	1048M
XT3254T	43	4,300	XTM	437	1056M
XT3256T	43	6,830	XTM	605	1260M
XT3302TS	44	5,268	XTM	444	1048M
XT3304T	44	5,100	XTM	460	1056M
XT3306T	44	7,835	XTM	630	1264M
XT3402TS	44	6,853	XTM	587	1240M
XT3404T	44	6,600	XTM	600	1254M
XT3406T	44	10,483	XTM	908	A36062M
XT3502TS	44	8,487	XTM	635	1266M
XT3504T	44	8,200	XTM	700	1272M
XT3506T	44	12,360	XTM	908	A36062M
XT3602TS	44	12,307	XTM	999	A36056M
XT3604T	44	11,400	XTM	947	A3658M
XT3606T	44	14,771	XTM	1,322	A40064M
XT3752TS	44	14,374	XTM	1,005	A36068M
XT3754T	44	13,500	XTM	965	A36070M
XT3756T	44	17,339	XTM	1,322	A40064M
XT30152T	43	945	XTM	58	0524M
XT30154T	43	985	XTM	63	0530M
XT30156T	43	1,140	XTM	99	0630M
XT31002TS	44	19,251	XTM	1,327	A40060M
XT31004T	44	18,750	XTM	1,375	A40072M
XT31006T-4	44	25,604	XTM	1,800	A44062M
XT31252TS	44	24,630	XTM	1,539	A4468M
XT31254T-4	44	23,650	XTM	1,669	A44076M
XT31256T-4	44	29,397	XTM	1,913	A44076M
XT31502TS-4	44	30,263	XTM	2,017	A4478M
XT31504T-4	44	27,920	XTM	1,826	A4488M
XT31506T-4	44	33,807	XTM	4,000	A44112M

(1) Shipping weight (lbs.) is approximate.

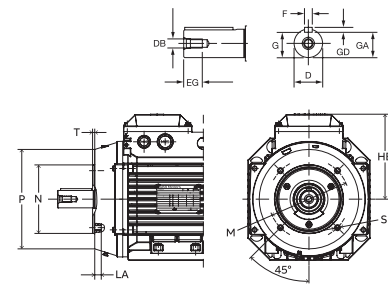
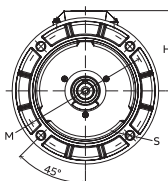
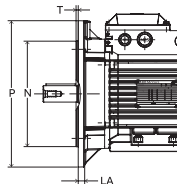
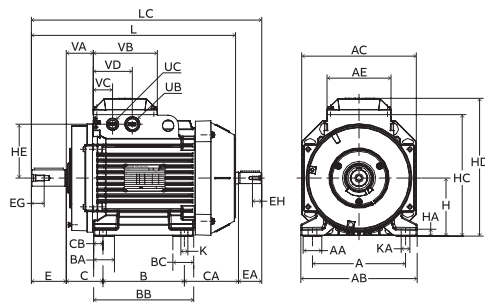
Index

Catalog Number	Page Number	List Price	Disc. Sym.	Ship Wgt ⁽¹⁾	Type Code
XT32002TS-4	44	35,175	XTM	2,330	A44104M
XT32004T-4	44	33,815	XTM	2,676	A44120M
XT32006T-4	44	41,368	XTM	2,789	A44140M
XT32502TS-4	44	53,033	XTM	2,595	A44112M
XT32504T-4	44	42,850	XTM	2,888	A44144M
XT32506T-4	44	56,842	XTM	3,125	A44160M
XT33002TS-4	44	61,396	XTM	2,595	A44128M
XT33004T-4	44	50,350	XTM	3,130	A44152M
YPC144A	174	297	HV1	18	3408C
YPC164A	174	337	HV1	22	3411C
YPC244A	174	321	HV1	21	3411C
YPC245A	174	326	HV1	21	3411C
YPC264A	174	369	HV1	22	3414C
YPC344A	174	369	HV1	22	3414C
YPC345A	174	374	HV1	24	3414C
YPC364A	174	422	HV1	27	3420C
ZDBRPM18154C	234	6,744	RP2	180	-
ZDBRPM18204C	234	7,220	RP2	209	-
ZDBRPM21304C	234	8,062	RP2	290	-
ZDBRPM21404	234	8,489	RP2	355	-
ZDBRPM25504	234	9,250	RP2	475	-
ZDBRPM25604	234	12,754	RP2	540	-
ZDBRPM25754	234	14,865	RP2	605	-
ZDBRPM281004R1	234	16,574	RP2	805	-
ZDBRPM281254	234	17,431	RP2	890	-
ZDFRPM18104C	234	6,959	RP3	179	-
ZDFRPM21204C	234	8,508	RP3	290	-
ZDFRPM21254C	234	8,600	RP3	355	-
ZDFRPM25304C	234	8,936	RP3	475	-
ZDFRPM25404	234	9,318	RP3	605	-
ZDM2276T	242	7,188	VS2	333	0954M
ZDM2332T	242	8,425	VS2	356	0960M
ZDM2333T	243	5,440	VS2	317	0944M
ZDM2333T-5	243	5,440	VS2	289	0944M
ZDM2334T	243	5,703	VS2	342	0960M
ZDM2334T-5	243	5,703	VS2	340	0960M
ZDM3581T	242	3,390	VS2	66	0524M
ZDM3581T-5	242	3,390	VS2	65	0518M
ZDM3582T	242	3,702	VS2	62	0526M
ZDM3584T	242	3,494	VS2	70	0530M
ZDM3584T-5	242	3,494	VS2	62	0528M
ZDM3587T	242	3,623	VS2	75	0534M
ZDM3587T-5	242	3,623	VS2	74	0534M
ZDM3661T	242	4,187	VS2	112	0632M
ZDM3661T-5	242	4,187	VS2	110	0628M
ZDM3664T	242	4,030	VS2	113	0642M
ZDM3665T	242	4,335	VS2	125	0640M
ZDM3665T-5	242	4,335	VS2	125	0640M
ZDM3667T	242	3,964	VS2	99	0630M
ZDM3764T	242	4,775	VS2	187	0738M
ZDM3768T	242	5,488	VS2	226	0748M
ZDM3770T	242	4,897	VS2	170	0738M
ZDM3770T-5	242	4,897	VS2	170	0738M
ZDM3774T	242	5,131	VS2	231	0748M
ZDM3774T-5	242	5,131	VS2	231	0748M
ZDM4100T	243	9,691	VS2	445	1046M
ZDM4102T	243	10,713	VS2	462	1054M
ZDM4103T	243	6,655	VS2	416	1054M
ZDM4104T	243	7,402	VS2	445	1056M
ZDM4110T	243	9,441	VS2	610	1254M
ZDM4111T	243	11,985	VS2	615	1260M
ZDM4115T	243	10,402	VS2	631	1272M
ZDM4117T	243	13,156	VS2	624	1264M
ZDNM2237T	242	4,766	VS4	242	0932M
ZDNM2238T	242	5,515	VS4	284	0948M
ZDNM2333T	243	6,251	VS4	286	0948M
ZDNM2334T	243	6,313	VS4	405	1056M
ZDNM3581T	242	2,958	VS4	59	0524M
ZDNM3584T	242	3,096	VS4	58	0530M
ZDNM3661T	242	3,649	VS4	104	0632M
ZDNM3669T	242	3,414	VS4	95	0624M
ZDNM3767T	242	4,145	VS4	173	0740M
ZDNRP18054C	234	5,863	RP4	143	-
ZDNRP18074C	234	6,428	RP4	194	-
ZDNRP21104C	234	7,228	RP4	280	-
ZDPM18010C-BV	234	7,233	RP2	132	-
ZDPM18015C-BV	234	7,315	RP2	158	-
ZDPM18020C-BV	234	8,892	RP2	180	-
ZDPM18025C-BV	234	8,913	RP2	209	-
ZDPM18030C-BV	234	8,913	RP2	209	-
ZDPM21040-BV	234	9,339	RP2	290	-
ZDPM21050-BV	234	9,674	RP2	325	-
ZDPM21060-BV	234	10,597	RP2	355	-
ZDPM25075-BV	234	17,411	RP2	540	-
ZDPM25100-BV	234	18,448	RP2	605	-

Catalog Number	Page Number	List Price	Disc. Sym.	Ship Wgt ⁽¹⁾	Type Code
ZDPM28125-BV	234	19,486	RP2	730	-
ZDPM28150-BV	234	20,523	RP2	805	-
ZDVSCP2333T	244	6,614	VS3	374	0944M
ZDVSCP2334T	244	7,024	VS3	388	0960M
ZDVSCP3661T	244	4,019	VS3	135	0632M
ZDVSCP3665T	244	4,361	VS3	128	0642M
ZDVSCP3770T	244	5,052	VS3	201	0738M
ZDVSCP3774T	244	5,529	VS3	218	0748M
ZDVSCP4103T	244	8,402	VS3	481	1054M
ZDVSCP4104T	244	9,023	VS3	494	1056M
ZDVSCP4110T	244	10,348	VS3	762	1254M
ZDVSCP4115T	244	12,228	VS3	757	1272M
ZDVSM2333T	243	5,789	VS3	295	0944M
ZDVSM2334T	243	6,117	VS3	317	0960M
ZDVSM3661T	242	3,613	VS3	118	0632M
ZDVSM3665T	242	3,886	VS3	129	0642M
ZDVSM3770T	242	4,459	VS3	184	0738M
ZDVSM3774T	242	5,241	VS3	210	0748M
ZDVSM4103T	243	7,257	VS3	458	1054M
ZDVSM4104T	243	7,754	VS3	472	1056M
ZDVSM4110T	243	8,656	VS3	716	1254M
ZDVSM4115T	243	10,159	VS3	721	1272M
ZDVSM4314T	243	12,134	VS3	907	A36062M
ZDVSM4316T	243	14,721	VS3	944	A36068M
ZDVSM4400T-4	243	18,473	VS3	1,230	A40064M
ZDVSM4406T-4	243	26,456	VS3	1,806	A44078M
ZDVSM4407T-4	243	30,999	VS3	2,203	A44106M
ZDVSM4408T-4	243	43,032	VS3	2,550	A44128M
ZDVSM4410T-4	243	22,474	VS3	1,667	A44062M
ZDVSM44304T-4	243	43,032	VS3	2,817	A44160M
ZDVSNCP3581T	244	3,106	VS4	65	0524M
ZDVSNCP3584T	244	3,245	VS4	72	0534M
ZDVSNCP3587T	244	3,563	VS4	73	0534M
ZDVSNM2237T	242	4,531	VS4	211	0748M
ZDVSNM2238T	242	5,515	VS4	325	0948M
ZDVSNM2333T	243	6,251	VS4	348	0948M
ZDVSNM3538	242	2,200	VS4	37	3516M
ZDVSNM3542	242	2,267	VS4	38	3518M
ZDVSNM3581T	242	2,958	VS4	59	0524M
ZDVSNM3584T	242	3,096	VS4	70	0534M
ZDVSNM3587T	242	3,414	VS4	66	0534M
ZDVSNM3661T	242	3,663	VS4	111	0636M
ZDVSNM3665T	242	3,943	VS4	124	0642M
ZDWNM3546T	99	3,107	WDW	44	3524M
ZDWNM3554T	99	3,264	WDW	56	3534M
ZDWNM3609T	99	3,576	WDW	71	3628M
ZDWNM3611T	99	3,609	WDW	90	3640M
ZDWNM3707T	99	3,878	WDW	126	3734M
ZDWNM22937T	99	5,667	WDW	250	3948M
ZDWNM22938T	99	5,767	WDW	286	3956M

(1) Shipping weight (lbs.) is approximate.

IEC quick reference chart

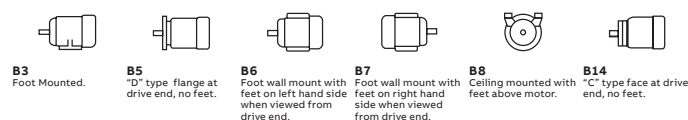


Contact your local sales office for "L" dimensions.

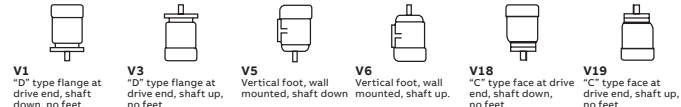
IEC Frame	Foot Mounted				Shaft				B5 Flange						B14 Face					
	A	B	B ¹	H	D	E	DB	EG	LA	M	N	P	S	T	M	N	P	S	T	
63	100mm 3.94"	80mm 3.15"	-	63mm 2.48"	11mm 0.43"	23mm 0.91"	M4	10mm 0.39"	10mm 0.39"	115mm 4.53"	95mm 3.74"	120mm 4.72"	7mm 0.28"	3mm 0.12"	75mm 2.95"	60mm 2.36"	90mm 3.54"	M5	2.5mm 0.10"	
71	112mm 4.41"	90mm 3.54"	-	71mm 2.80"	14mm 0.55"	30mm 1.18"	M5	12.5mm 0.49"	9mm 0.35"	130mm 5.12"	110mm 4.33"	160mm 6.30"	10mm 0.39"	3.5mm 0.14"	85mm 3.35"	70mm 2.76"	105mm 4.13"	M6	2.5mm 0.10"	
80	125mm 4.92"	100mm 3.94"	-	80mm 3.15"	19mm 0.75"	40mm 1.57"	M6	16mm 0.63"	10mm 0.39"	165mm 6.50"	130mm 5.12"	200mm 7.87"	12mm 0.47"	3.5mm 0.14"	100mm 3.94"	80mm 3.15"	120mm 4.72"	M6	3mm 0.12"	
90S	140mm 5.51"	100mm 3.94"	-	90mm 3.54"	24mm 0.94"	50mm 1.97"	M8	19mm 0.75"	10mm 0.39"	165mm 6.50"	130mm 5.12"	200mm 7.87"	12mm 0.47"	3.5mm 0.14"	115mm 4.53"	95mm 3.74"	140mm 5.51"	M8	3mm 0.12"	
90L	140mm 5.51"	125mm 4.92"	-	90mm 3.54"	24mm 0.94"	50mm 1.97"	M8	19mm 0.75"	10mm 0.39"	165mm 6.50"	130mm 5.12"	200mm 7.87"	12mm 0.47"	3.5mm 0.14"	115mm 4.53"	95mm 3.74"	140mm 5.51"	M8	3mm 0.12"	
100	160mm 6.30"	140mm 5.51"	-	100mm 3.94"	28mm 1.10"	60mm 2.36"	M10	22mm 0.87"	11mm 0.43"	215mm 8.46"	180mm 7.09"	250mm 9.84"	15mm 0.59"	4mm 0.16"	130mm 5.12"	110mm 4.33"	160mm 6.30"	M8	3.5mm 0.14"	
112	190mm 7.48"	140mm 5.51"	-	112mm 4.41"	28mm 1.10"	60mm 2.36"	M10	22mm 0.87"	11mm 0.43"	215mm 8.46"	180mm 7.09"	250mm 9.84"	15mm 0.59"	4mm 0.16"	130mm 5.12"	110mm 4.33"	160mm 6.30"	M8	3.5mm 0.14"	
132	216mm 8.50"	140mm 5.51"	178mm 7.01"	132mm 5.20"	38mm 1.50"	80mm 3.15"	M12	28mm 1.10"	12.5mm 0.49"	265mm 10.43"	230mm 9.06"	300mm 11.81"	15mm 0.59"	4mm 0.16"	165mm 6.50"	130mm 5.12"	200mm 7.87"	M10	3.5mm 0.14"	
160	254mm 10.00"	210mm 8.27"	254mm 10.00"	160mm 6.30"	42mm 1.65"	110mm 4.33"	M16	36mm 1.42"	20mm 0.79"	300mm 11.81"	250mm 9.84"	350mm 13.78"	19mm 0.75"	5mm 0.20"	215mm 8.46"	180mm 7.09"	250mm 9.84"	M12	4mm 0.16"	
180	279mm 10.98"	241mm 9.49"	279mm 10.98"	180mm 7.09"	48mm 1.89"	110mm 4.33"	M16	36mm 1.42"	20mm 0.79"	300mm 11.81"	250mm 9.84"	350mm 13.78"	19mm 0.75"	5mm 0.20"	-	-	-	-	-	
200	318mm 12.52"	267mm 10.51"	305mm 12.01"	200mm 7.87"	55mm 2.17"	110mm 4.33"	M20	42mm 1.65"	20mm 0.79"	350mm 13.78"	300mm 11.81"	400mm 15.75"	19mm 0.75"	5mm 0.20"	-	-	-	-	-	
225 S	356mm 14.02"	286mm 11.26"	311mm 12.24"	225mm 8.86"	55mm 2.17"	110mm 4.33"	M20	42mm 1.65"	20mm 0.79"	400mm 15.75"	350mm 13.78"	450mm 17.72"	19mm 0.75"	5mm 0.20"	-	-	-	-	-	
225 M	356mm 14.02"	286mm 11.26"	311mm 12.24"	225mm 8.86"	60mm 2.36"	140mm 5.51"	M20	42mm 1.65"	20mm 0.79"	400mm 15.75"	350mm 13.78"	450mm 17.72"	19mm 0.75"	5mm 0.20"	-	-	-	-	-	
250 S	406mm 15.98"	311mm 12.24"	349mm 13.74"	250mm 9.84"	60mm 2.36"	140mm 5.51"	M20	42mm 1.65"	24mm 0.94"	500mm 19.69"	450mm 17.72"	550mm 21.65"	19mm 0.75"	5mm 0.20"	-	-	-	-	-	
250 M	406mm 15.98"	311mm 12.24"	349mm 13.74"	250mm 9.84"	65mm 2.56"	140mm 5.51"	M20	42mm 1.65"	24mm 0.94"	500mm 19.69"	450mm 17.72"	550mm 21.65"	19mm 0.75"	5mm 0.20"	-	-	-	-	-	
280 S	457mm 17.99"	368mm 14.49"	419mm 16.50"	280mm 11.02"	65mm 2.56"	140mm 5.51"	M20	42mm 1.65"	23mm 0.91"	500mm 19.69"	450mm 17.72"	550mm 21.65"	18mm 0.71"	5mm 0.20"	-	-	-	-	-	
280 M	457mm 17.99"	368mm 14.49"	419mm 16.50"	280mm 11.02"	75mm 2.95"	140mm 5.51"	M20	42mm 1.65"	23mm 0.91"	500mm 19.69"	450mm 17.72"	550mm 21.65"	18mm 0.71"	5mm 0.20"	-	-	-	-	-	
315 S, 2p	508mm 20"	406mm 16"	457mm 18"	315mm 12.4"	65mm 2.56"	140mm 5.51"	M20	40mm 1.57"	25mm 0.98"	600mm 23.62"	550mm 21.65"	660mm 25.98"	23mm 0.91"	6mm 0.24"	-	-	-	-	-	
315 S, 4p-8p	508mm 20"	406mm 16"	457mm 18"	315mm 12.4"	80mm 3.15"	170mm 6.69"	M20	40mm 1.57"	25mm 0.98"	600mm 23.62"	550mm 21.65"	660mm 25.98"	23mm 0.91"	6mm 0.24"	-	-	-	-	-	
315 M, 2p	508mm 20"	457mm 18"	508mm 20"	315mm 12.4"	65mm 2.56"	140mm 5.51"	M20	40mm 1.57"	25mm 0.98"	600mm 23.62"	550mm 21.65"	660mm 25.98"	23mm 0.91"	6mm 0.24"	-	-	-	-	-	
315 M, 4-8p	508mm 20"	457mm 18"	508mm 20"	315mm 12.4"	90mm 3.54"	170mm 6.69"	M24	48mm 1.89"	25mm 0.98"	600mm 23.62"	550mm 21.65"	660mm 25.98"	23mm 0.91"	6mm 0.24"	-	-	-	-	-	
355 S, 2p	610mm 24.02"	500mm 19.69"	560mm 22.05"	355mm 13.98"	70mm 2.76"	140mm 5.51"	M20	42mm 1.65"	35mm 1.38"	740mm 29.13"	680mm 26.77"	800mm 31.50"	23mm 0.91"	6mm 0.24"	-	-	-	-	-	
355 S, 4-8p	610mm 24.02"	500mm 19.69"	560mm 22.05"	355mm 13.98"	100mm 3.94"	210mm 8.27"	M24	51mm 2.01"	35mm 1.38"	740mm 29.13"	680mm 26.77"	800mm 31.50"	23mm 0.91"	6mm 0.24"	-	-	-	-	-	
355 M, 2p	610mm 24.02"	560mm 22.05"	630mm 24.80"	355mm 13.98"	70mm 2.76"	140mm 5.51"	M20	42mm 1.65"	35mm 1.38"	740mm 29.13"	680mm 26.77"	800mm 31.50"	23mm 0.91"	6mm 0.24"	-	-	-	-	-	
355 M, 4-8p	610mm 24.02"	560mm 22.05"	630mm 24.80"	355mm 13.98"	100mm 3.94"	210mm 8.27"	M24	51mm 2.01"	35mm 1.38"	740mm 29.13"	680mm 26.77"	800mm 31.50"	23mm 0.91"	6mm 0.24"	-	-	-	-	-	
355 L, 2p	610mm 24.02"	630mm 24.80"	710mm 27.95"	355mm 13.98"	70mm 2.76"	140mm 5.51"	M20	42mm 1.65"	35mm 1.38"	740mm 29.13"	680mm 26.77"	800mm 31.50"	23mm 0.91"	6mm 0.24"	-	-	-	-	-	
355 L, 4-8p	610mm 24.02"	630mm 24.80"	710mm 27.95"	355mm 13.98"	100mm 3.94"	210mm 8.27"	M24	51mm 2.01"	35mm 1.38"	740mm 29.13"	680mm 26.77"	800mm 31.50"	23mm 0.91"	6mm 0.24"	-	-	-	-	-	

Legend: 1 mm = .03937", 1" = 25.40 mm

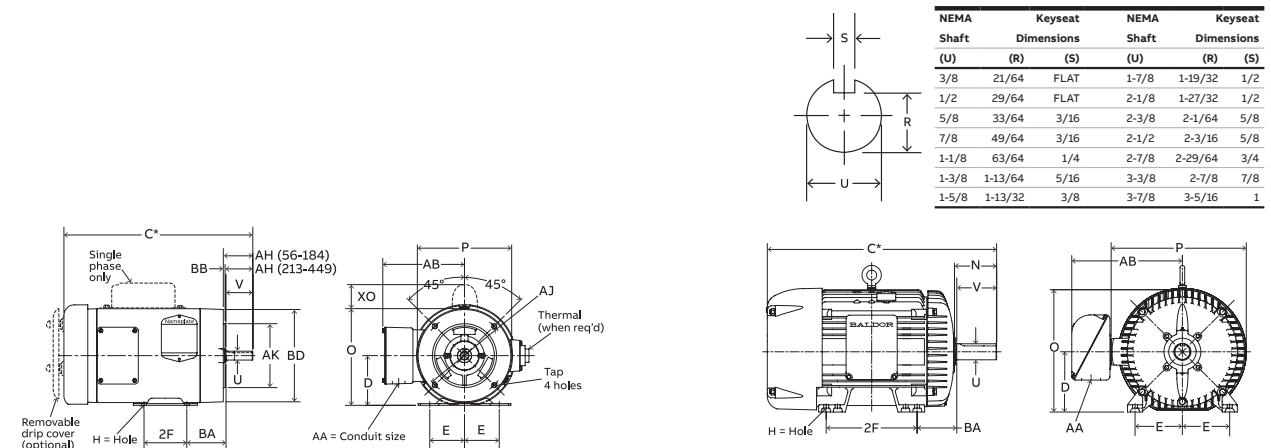
Horizontal Shaft Arrangements



Vertical Shaft Arrangements



NEMA quick reference chart



Drawings represent standard TEFC general purpose motors.
 *Dimensions are for reference only.

*Contact your local sales office for "C" Dimensions.
 Dimensions - N, O, P, AB and XO are specific to Baldor-Reliance®.

NEMA Frame	D	E	2F	H	N	O	P	U	V	AA	AB	AH	AJ	AK	BA	BB	BD	XO	TAP	
42	2-5/8	1-3/4	1-11/16	9/32 Slot	1-1/2	5	4-11/16	3/8	1-1/8	3/8	4-1/32	1-5/16	3-3/4	3	2-1/16	1/8	4-5/8	1-9/16	1/4-20	
48	3	2-1/8	2-3/4	11/32 Slot	1-7/8	5-7/8	5-11/16	1/2	1-1/2	1/2	4-3/8	1-11/16	3-3/4	3	2-1/2	1/8	5-5/8	2-1/4	1/4-20	
56	3-1/2	2-7/16	3	11/32 Slot	2-7/16	6-7/8	6-5/8	5/8	1-7/8	1/2	5	2-1/16	5-7/8	4-1/2	2-3/4	1/8	6-1/2	2-1/4	3/8-16	
56H	3-1/2	2-3/4	4	11/32	2-1/2	6-7/8	6-5/8	7/8	2-1/4	3/4	5-1/4	2-1/8	5-7/8	4-1/2	2-1/4	1/8	6-1/2	2-1/4	3/8-16	
143T			5																	
145T			5																	
182			4-1/2		2-11/16			7/8	2-1/4			2-1/8	5-7/8	4-1/2		1/8	6-1/2		3/8-16	
184			5-1/2		2-11/16			7/8	2-1/4			2-1/8	5-7/8	4-1/2		1/8	6-1/2		3/8-16	
182T	4-1/2	3-3/4	4-1/2	13/32	3-9/16	8-11/16	7-7/8	1-1/8	2-3/4	3/4	5-7/8	2-5/8	7-1/4	8-1/2	2-3/4	1/4	9	2-3/8	1/2-13	
184T			5-1/2		3-9/16			1-1/8	2-3/4			2-5/8	7-1/4	8-1/2		1/4	9		1/2-13	
213			5-1/2		3-1/2			1-1/8	3			2-3/4								
215			7		3-1/2			1-1/8	3			2-3/4								
213T	5-1/4	4-1/4	5-1/2	13/32	3-7/8	10-1/4	9-9/16	1-3/8	3-3/8	1	7-3/8	2-3/8	7-1/4	8-1/2	3-1/2	1/4	9	2-3/4	1/2-13	
215T			7		3-7/8			1-3/8	3-3/8			3-1/8								
254U			8-1/4		4-1/16			1-3/8	3-3/4			3-1/2								
256U	6-1/4	5	8-1/4	17/32	4-1/16	12-7/8	12-15/16	1-3/8	3-3/4	1-1/4	9-5/8	7-1/4	8-1/2	4-1/4	1/4	10	—		1/2-13	
254T			8-1/4		4-5/16			1-5/8	4			3-3/4								
256T			10		4-5/16			1-5/8	4			3-3/4								
284U			9-1/2		5-1/8			1-5/8	4-7/8			4-5/8								
286U			11		5-1/8			1-5/8	4-7/8			4-5/8								
284T			9-1/2		4-7/8			1-7/8	4-5/8			4-3/8								
286T	7	5-1/2	11	17/32	4-7/8	14-5/8	14-5/8	1-7/8	4-5/8	1-1/2	13-1/8	4-3/8		9	10-1/2	4-3/4	1/4	11-1/4	—	1/2-13
284TS			9-1/2		3-3/8			1-5/8	3-1/4			3								
286TS			11		3-3/8			1-5/8	3-1/4			3								
324U			10-1/2		5-7/8			1-7/8	5-5/8			5-3/8								
326U			12		5-7/8			1-7/8	5-5/8			5-3/8								
324T			10-1/2		5-1/2			2-1/8	5-1/4			5								
326T	8	6-1/4	12	21/32	5-1/2	16-1/2	16-1/2	2-1/8	5-1/4	2	14-1/8	5		11	12-1/2	5-1/4	1/4	13-3/8	—	5/8-11
324TS			10-1/2		3-15/16			1-7/8	3-3/4			3-1/2								
326TS			12		3-15/16			1-7/8	3-3/4			3-1/2								
364U			11-1/4		6-3/4			2-1/8	6-3/8			18	6-1/8							
365U			12-1/4		6-3/4			2-1/8	6-3/8			18	6-1/8							
364T			11-1/4	21/32	6-1/4	18-1/2	19-1/2	2-3/8	5-7/8	3	18-1/16	5-5/8								
365T	9	7	12-1/4		6-1/4			2-3/8	5-7/8			18-1/16	5-5/8	11	12-1/2	5-7/8	1/4	13-3/8	—	5/8-11
364TS			11-1/4		4			1-7/8	3-3/4			18-1/16	3-1/2							
365TS			12-1/4		4			1-7/8	3-3/4			18-1/16	3-1/2							
404U			12-1/4		7-3/16			2-3/8	7-1/8			19-1/4	6-7/8							
405U			13-3/4		7-3/16			2-3/8	7-1/8			19-1/4	6-7/8							
404T			12-1/4	13/16	7-5/16	21-5/16	22-1/2	2-7/8	7-1/4	3	19-5/16	7								
405T			13-3/4		7-5/16			2-7/8	7-1/4			19-5/16	7	11	12-1/2	6-5/8	1/4	13-7/8	—	5/8-11
404TS			12-1/4		4-1/2			2-1/8	4-1/4			19-5/16	4							
405TS			13-3/4		4-1/2			2-1/8	4-1/4			19-5/16	4							
444U			14-1/2		8-5/8	24.24	27.57	2-7/8	8-5/8	3	22.68	8-3/8								
445U			16-1/2		8-5/8	24.24	27.57	2-7/8	8-5/8	3	22.68	8-3/8								
444T			14-1/2		8-9/16	24.24	27.57	3-3/8	8-3/8	4	22.68	8-1/4								
445T			16-1/2		8-9/16	24.24	27.57	3-3/8	8-3/8	4	22.68	8-1/4								
447T			20	13/16	8-9/16	24.24	27.57	3-3/8	8-3/8	4	23.86	8-1/4								
449T			25		8-9/16	24.24	27.57	3-3/8	8-1/2	4	23.86	8-1/4								
444TS			14-1/2		4-13/16	24.24	27.57	2-3/8	4-5/8	4	22.68	4-1/2								
445TS			16-1/2		4-13/16	24.24	27.57	2-3/8	4-5/8	4	22.68	4-1/2								
447TS			20		4-13/16	24.24	27.57	2-3/8	4-5/8	4	23.86	4-1/2								
449TS			25		4-13/16	24.24	27.57	2-3/8	4-3/4	4	23.86	4-1/2								
586T			22		13-3/8	38-1/4	29-3/8	3-7/8	11-5/8	3	23-3/4								M24x2.125	
587T			25		13-3/8	38-1/4	29-3/8	3-7/8	11-5/8	3	23-3/4								M24x2.125	
588T			28		13-3/8	38-1/4	29-3/8	3-7/8	11-5/8	4	23-3/4								M24x2.125	
586TZ	14-1/2	11-1/2	22	1-1/4	13-3/8	38-1/4	29-3/8	4-3/8	11-5/8	3	23-3/4	—	—	—	10	—	—	—	M24x2	
587TZ			25		13-3/8	38-1/4	29-3/8	4-3/8	11-5/8	3	23-3/4								M24x2	
586TS			22		6-1/2	38-1/4	29-3/8	2-3/8	4-3/4	3	23-3/4								M20x1.7	
587TS			25		6-1/2	38-1/4	29-3/8	2-3/8	4-3/4	3	23-3/4								M20x1.7	

U Frame TS Frame

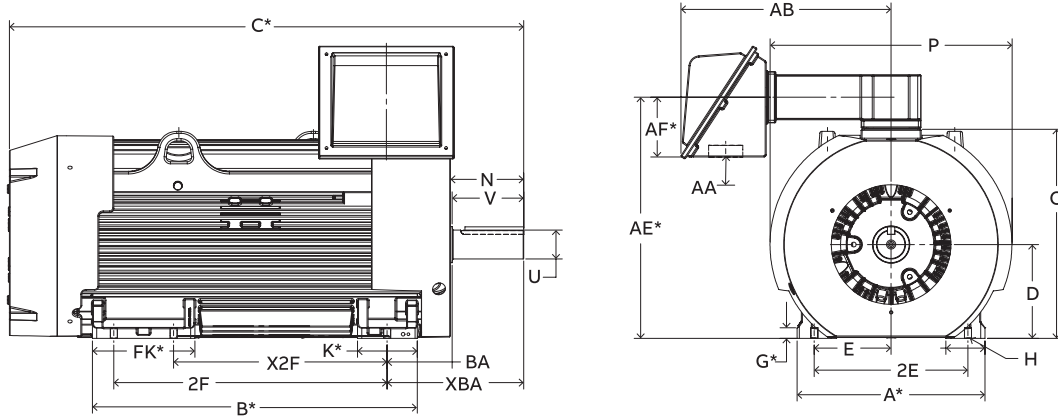
The above chart provides typical legacy Baldor-Reliance® motor dimensions. For more exact dimensional data, please check the specific drawing for each catalog number. NEMA states only a minimum value for AA dimension. AA dimensions shown in chart are legacy Baldor-Reliance typical values meeting or exceeding NEMA. Please check motor drawing for actual dimensions.

Frame L449T is not included in this chart. Please refer to the Large AC motor chart, or to the specific motor drawings for L449T dimensions.

NEMA C-Face	BA Dimensions
143-5TC	2-3/4
182-4TC	3-1/2
213-5TC	4-1/4
254-6TC	4-3/4

Frame	D	E	F	N	U	V	BA
66	4-1/8	2-15/16	2-1/2	2-1/4	3/4	2-1/4	3-1/8
203	5	4	2-3/4	2-7/16	3/4	2	3-1/8
204			3-1/4				
224	5-1/2	4-1/2	3-3/8	3-1/4	1	3	3-1/2
225			3-3/4				
254	6-1/4	5	4-1/8	3-7/16	1-1/8	3-3/8	4-1/4
284	7	5-1/2	4-3/4	4-1/4	1-1/4	3-3/4	4-3/4
324	8	6-1/4	5-1/4	5-3/8	1-5/8	4-7/8	5-1/4
326			6				
364	9	7	5-5/8	5-5/8	1-7/8	5-3/8	5-7/8
365			6-1/8				
404	10	8	6-1/8	6-3/8	2-1/8	6-1/8	6-5/8
405			6-7/8				
444	11	9	7-1/4	7-1/8	2-3/8	6-7/8	7-1/2
445			8-1/4				
504	12-1/2	10	8	8-5/8	2-7/8	8-3/8	8-1/2
505			9				

Large AC quick reference chart



Drawings represent standard large AC TEFC motors.

*Dimensions are for reference only.

*Contact your local sales office for "C" dimensions.

Dimensions - N, O, P and AB are specific to legacy Baldor-Reliance® motors.

Frame	D	E	Dual foot mount holes		H	N	O	P	U	V	AA	AB	BA	XBA
			2F	X2F										
L449TS	11	9	32	25	13/16	4.84	24.49	28.32	2 3/8	4 3/4	4.60	26.86	7 1/2	-
L449T						8.56			3 3/8	8 3/8				
5008S	12 1/2	10	25	22	15/16	6.44	27.25	32.46	2 3/8	6	-	30.28	-	15 1/2
5008L						10.44			4 1/8	10				19 1/2
5008L						10.44			4 1/2	10				19 1/2
5010S						6.44			2 3/8	6				15 1/2
5010L	12 1/2	10	32	28	15/16	10.44	27.25	32.46	4 1/8	10	-	30.28	-	19 1/2
5010L						10.44			4 1/2	10				19 1/2
5012L	12 1/2	10	40	36	15/16	10.44	27.25	32.46	4 1/8	10	-	30.28	-	19 1/2
5012L						10.44			4 1/2	10				19 1/2
5810S	14 1/2	11 1/2	36	32	1 7/8	7.84	32.31	36.86	2 3/8	6 1/2	-	32.05	-	17
5810L						14.53			4 1/8	13				23 11/16
5810L						14.53			4 1/2	13				23 11/16

The above chart provides typical legacy Baldor-Reliance motor dimensions.

For more exact dimensional data, please check the specific drawing for each catalog number.

AA dimension shown in chart are legacy Baldor-Reliance typical values.

Customer to drill hole in terminal box for frames larger than 449.

Dimensions are in inches.

If mounting clearance details are required, consult factory.

Catalog notes

1. Class F insulated motor with 1.15 service factor or higher that operates within Class "B" temperature limits at rated horsepower.
2. 1.00 service factor.
3. Capacitor start, induction run.
5. Belted duty only, roller bearing.
6. F-2 mounting
7. Copper bar rotor
8. Class "H" Insulated.
9. Metric frame dimensions
10. Non-stock, built on demand.
11. F-3 mounting
12. 1.25 service factor
13. 1.35 service factor
14. 1.00 service factor, Class F rise
15. Small Motor Rule compliant. Average efficiency.
16. Motor can no longer be produced as of June 1, 2016. The Integral Horsepower Rule allows for existing inventory of this motor built prior to June 1, 2016 to be sold until inventory is depleted.
17. Capable of 100% thrust in either direction.
18. Motors are rated for Division 2, Class I, Groups C&D only
19. 60/50 Hertz motor. 60 Hertz data shown, contact your local sales office for 50 Hertz data.
20. Class F insulation.
21. Stage 3 EU MEPS.
22. Non-encapsulated winding.
24. Part winding start or DOL.
25. Wye start, delta run or DOL.
27. Motors have ball bearing suitable for coupled loads. If load is belted, a roller bearing may be required, contact your local sales office.
29. V-dimension is 2.5".
30. Usable at 208 volts.
31. Design D
33. Voltage @ 60 Hz.
35. Design A, exceeds Design B inrush limits.
36. Can mount as NEMA 56, 143T & 145T frames with NEMA 56 frame shaft dimensions.
37. Can mount as NEMA 56, 143T & 145T frames with NEMA 143T-145T frame shaft dimensions.
38. Motor not suitable for inverter use.
40. Brake motors may be mounted for vertical mounting with brake below motor.
41. Brake motors may be mounted for vertical mounting with brake above or below motor.
42. Brake motors must be modified for vertical mounting. Springs included with brake.
45. Horizontal mount, no C-Face. May be converted to C-Face in Mod Express® or built as custom motors.
46. Includes 1024 ppr encoder.
47. BA dimension does not meet NEMA standards.
48. Includes phase insulation. Suitable for use on inverter.
50. Voltage @ 50 Hz, usable on 460 Volt 60 Hz.
51. Full Load Amps @ 400 Volt nominal - 50 Hz.
52. IP55 enclosure.
53. Tungsten carbide outer seal
56. Legacy Reliance® E-Line motor design. Has F1 side mounted conduit box. Single frame mounting holes in 447 & 449 frame sizes.
57. Can mount as NEMA 145T frame with 145T frame shaft dimensions.
59. Suitable for operation @ 415V, 50 Hz.
60. Totally-enclosed, non-ventilated, continuous duty.
63. Foot also drilled for 447T frame mounting.
64. Motors include 100 ohm platinum winding RTDs and space heaters.
65. Capacitor start, capacitor run (two value capacitor).
66. Resilient mount single phase motors with moderate starting torque for fan applications.
67. NEMA 48 Base Mount, not swivel mount.
68. 3 lead.
69. 6 lead suitable for part winding start on 200 volts.
70. Constant velocity fan: 230/460 volts, three phase.
71. Nominal efficiency is based at the 1800 RPM (High RPM) and low speed efficiency is available just not published.
73. SCR motors with a 3:1 constant torque speed range.
74. V-dimension is 3".
77. Inverter duty.
78. Furnished without conduit box. (Order kit BK2400)
80. Motor has thermostat and provisions for adding flange mounted tach.
81. 230/460V 3Φ motor, 200/400V 3Φ motor or 115/230V 1Φ motor connected for voltage shown. Can be reconnected for other voltage.
82. Single voltage motor. Cannot reconnect.
83. May be operated on 50Hz rectified power supply with full nameplate rating. AC supply voltage must be same as 60Hz supply; i.e., either 230 or 460 volts. Motor nameplate is stamped D-50/60. Motor mounted blower may be added to DPG enclosure.
84. May be operated on 50Hz rectified power supply with full nameplate rating only when motor is force ventilated with motor mounted blower. AC supply voltage must be same as 60Hz supply.
85. Cannot be operated at full nameplate rating on 50Hz rectified power supply.
87. Motor has thermostat and provisions for adding adapter mounted tach.
88. Sleeve bearings - coupled loads only.
89. Cooling fan on each end.
90. Foot mounted and 180TC face.
91. Foot mounted and 210TC face.
92. Foot mounted and 250TC face.
93. Foot mounted only.
94. Foot mounted only. These stock models include VPI insulation on L440 only, insulated ODE bearing, shaft ground brush, and stator RTD's.
95. Foot mounted only. Includes filter, VPI, insulated ODE bearing and two sets of thermostats.
96. UL Recognized thermal protection.
97. One size smaller flange and shaft.
99. G-Series motor design. Has F3 Lead outlet in frame and an arm mounted conduit box for F1 & F2 Lead Location. Dual Frame mounting holes in 445/447 and 447/449 frames.
100. Motor will be discontinued once inventory is depleted
101. Blower on drive end.
102. Force vent with blower and filter. Full nameplate rating on 50 Hz rectified power, AC supply voltage must be same as 60 Hz supply.
103. Force vent with blower, full nameplate rating on 50 Hz rectified power. AC supply voltage must be same as 60 Hz supply, thermostats and tach provisions.
104. Force vent with blower, cannot run full nameplate on 50 Hz rectified power, thermostats and tach provisions.
105. Force vent with blower on drive end filter, thermostats and tach provisions.
106. Suitable for sinewave operation.
107. Uses HS25 encoder, 1024 PPR



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