ENGINEERED
TO OUTRUN



2026

501 STANDARD MOTORS CATALOG — BALDOR-RELIANCE® NEMA MOTORS

ABB BALDOR
RELIANCE



Mission Statement

Our mission is to be the best,
as determined by our customers

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

V = Value Q = Quality S = Service
C = Cost T = Time P = Perceived

TO OUR VALUED CUSTOMERS,

As a technology leader, ABB is at the core of accelerating the energy transition. Customers in every industry have to run their businesses at high performance, and running consistently without interruptions is mission critical. But to 'run' your businesses is no longer enough – you need to improve productivity, efficiency and sustainability at the same time in order to achieve increasingly high targets. You need to be leaner and cleaner to outperform. ABB is engineered to Outrun.

Electric motors consume more than 45 percent of the world's electricity, so the technological advancement and adoption of high-efficiency motors are key factors in achieving significant energy efficiency improvements in industry and infrastructure. We listen to our customers, and building on more than 130 years of experience, we develop products that enable you to increase energy efficiency, improve safety and reliability and maintain precise control of your processes and applications. We are proud to provide motor solutions that contribute to the ongoing energy transition and help you to reduce your emissions and environmental impact.

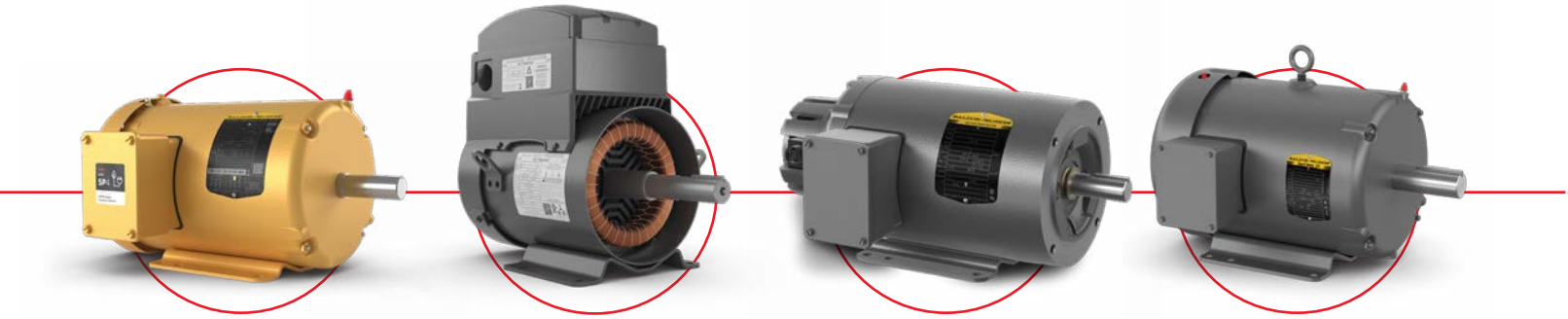
As the market leader in energy efficient motors, we understand that we must also lead by example in our own operations. Our actions are reinforced by our culture of integrity and transparency, extending across our entire value chain. We have set highly ambitious targets and will maximize the use of our own products, solutions and expertise to achieve them.

We will continue to explore and push the limits of technology, searching for innovations that will take our solutions to the next level. We will continue to listen to our customers; your feedback, trust and loyalty are essential to our mission to be the best marketers, designers and manufacturers of industrial electric motors. And we will continue to act in a manner consistent with our stated values; reinforcing our commitment to helping you achieve your operational and environmental goals as a trusted partner, now and in the future.



Jesse Henson
President, NEMA Motors Division, ABB

WHAT'S NEW



NEW SP4 Super Premium efficient motors

NEW IMD (Integrated Motor Drive)

V*S Master RS series

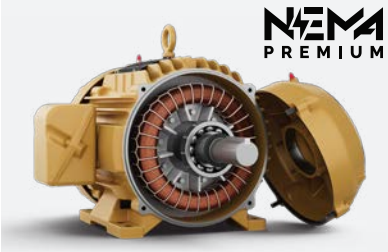
Global NEMA (GNEM) framed motors in General Purpose and HVAC

Motor technology for higher system efficiency

Across-the-line | **Variable speed**

Super-E®

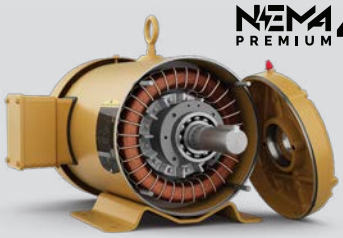
NEMA Premium



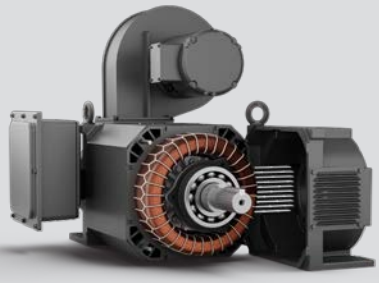
Standard induction motor

SP4™

NEMA Premium 4 (IE4)



Induction motor (SP4 has 20% lower losses), Inverter Duty



Spcialty motor technology with more active material

For more information visit baldor.abb.com

SP5+

NEMA Premium 5



Advanced motor technology + VFD. Requires VFD to achieve ultra premium efficience



Integrated motor and drive technology

ABB Baldor-Reliance® 3-phase motors are ID (Inverter Duty)

More than 300 million electric motors are in use around the world, and there is an industry mega trend of users adopting variable speed drives to reduce their energy consumption by up to 40% versus using mechanical methods to control flow such as valves and dampers. By adding a drive, customers experience better performance, longer equipment life and lower operating cost. Trust ABB Baldor-Reliance® ID motors for your inverter duty applications.

Have you ID'd your application?

Variable torque

Application needs: Need lower torque at lower speeds.
Benefit: Reduced energy consumption and operating costs.
Used for: Fans, pumps, compressors

Constant torque

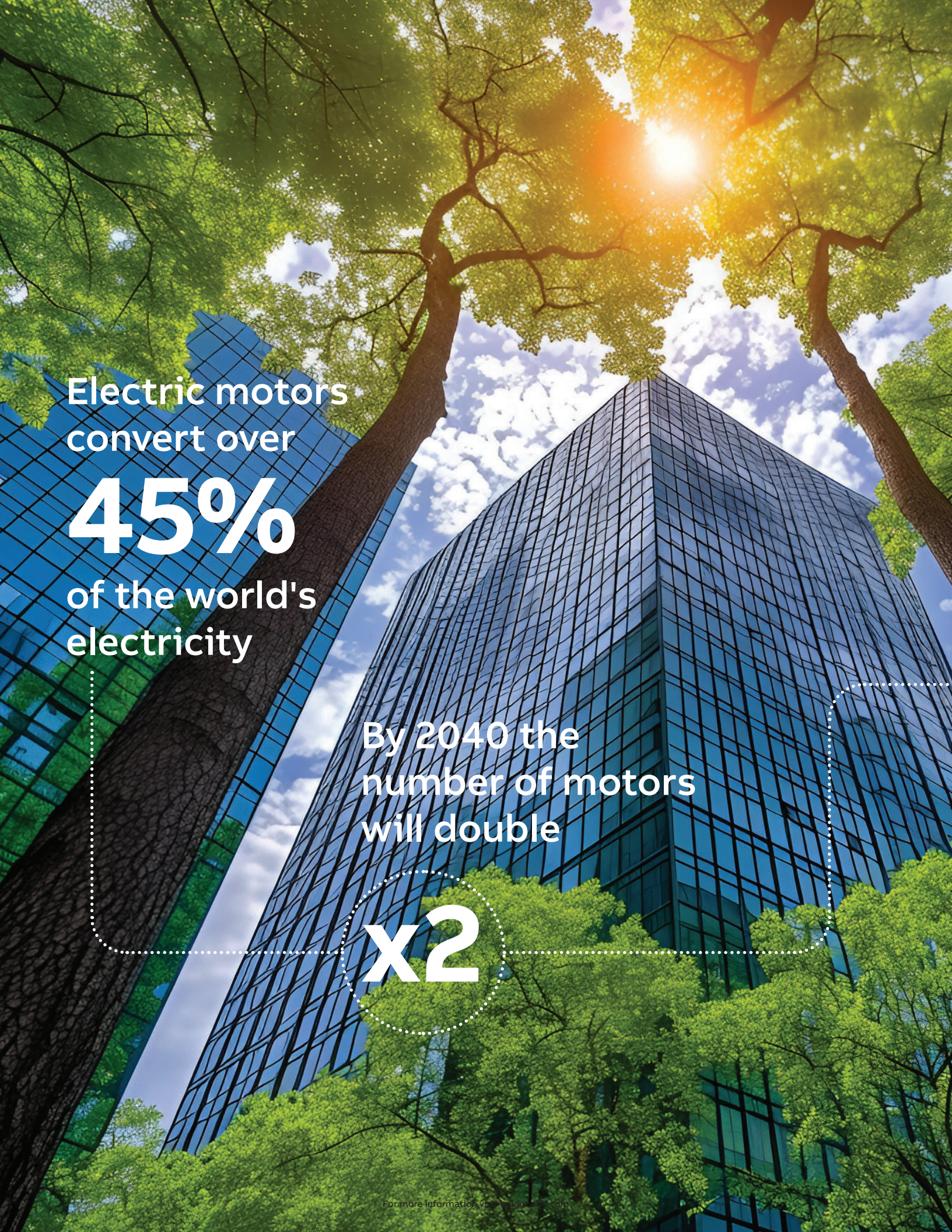
Application needs: Require same amount of torque regardless of speed. Power varies in direct proportion to speed.
Benefit: Allows for soft-starting that is safe and extends equipment life.
Used for: Conveyors, extruding, mixing/ agitating

Constant power

Application needs: Power required is the same regardless of torque or speed for process control.
Benefit: Improved process control and quality end-product.
Used for: Winding, grinding, machine tools



For more information visit baldor.abb.com


Electric motors convert over
45%
of the world's electricity
By 2040 the number of motors will double
x2



What does "Sustainability" mean for motors?

Longer lasting

Design for performance
Understanding the customer's applications and ensuring a longer-lasting motor is used is a more sustainable solution

Eco-friendly

Design with circularity in mind
The material we use from steel to copper and aluminum are recycled. Our manufacturing plants are working towards ABB's decarbonization goals.(1)

Energy efficient

Design for energy management
Upgrading from an DOL to variable speed operation can save 20-60% in energy costs alone. In addition, upgrading from an NEMA Premium to an NEMA Super Premium can improve energy use by up to 20%.

—
Energy Savings Calculator
Smart Savings, Simple Calculations

nema-energysave.us.abb.com

(1) ABB Sustainability goals
https://global.abb/group/en/sustainability/preserving-resources

REVOLUTIONIZING THE MOTOR INDUSTRY – AGAIN.

Driving the effort towards a more sustainable tomorrow



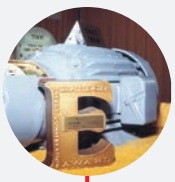
1976

Federally recognized for our progress in energy efficiency



1983

The Super-E premium efficient motor was introduced



1984

Baldor receives the Federal Energy Administration Merit Award for the new line of Super-E motors

1997

Epact Energy Policy

- General Purpose
- 1 - 200 Hp at MG 1
- Table 12-11 Energy Efficient



2011

Introduced EnergyGuide labels for industrial motors

2010

Energy Independence & Security Act (EISA)

- General Purpose
- 1 - 200 Hp EPact motors (Table 12-12 Premium Efficient)
- Other 1 - 200 Hp motors (Table 12-11 Energy Efficient)
- 201 - 500 Hp motors (Table 12-11 Energy Efficient)

2005

EPact Energy Policy: Effective Executive Order

Raised purchases for government to Table 12-12 Premium Efficient (by executive order from President of the United States)

2015
Small Motors Rule

- Covers ¼-3 Hp
- 2, 4, 6 pole
- Open drip proof (General Purpose only)
- 42, 48 , 56 frame
- Both single and three phase
- DOE specified a lower limit on average full-load efficiency (Not NEMA nominal)

2016
Integral HP (IHP) Final Rule

- Replaces Energy Independence & Security Act of 2007
- Almost all motors covered at Premium Efficiency levels NEMA MG 1, Table 12-12 or Part 20, Table B (IE3)
- Simplified enforcement and compliance
- Improved definitions and testing guidelines



2020
ABB Baldor-Reliance® EC Titanium is introduced as the world's first ferrite assisted synchronous reluctance industrial motor.

2027
Medium Electric Motors (MEMs) Final Rule

1-750 Hp, 3-phase, at the following levels:

- Less than 100 Hp (Remain at NEMA Premium/IE3 levels)
- 100 - 250 Hp (Increase to NEMA Premium 4/IE4 levels)
- Over 250 and up to 750 Hp (Remain at NEMA Premium/IE3 levels for open and enclosed motors.)
- Air-Over (AO) Induction motors included

2029
EXPANDED SCOPE ELECTRIC MOTORS (SNEM NOW ESEMS)

- 0.25 to 3 Hp open/enclosed, 42, 48, and 56 frame
- Includes new single-phase motor types and air over motors



2024
ABB Introduces ABB Baldor-Reliance® SP4™ NEMA Super Premium motors

In a world of industries powered by electric motors, ABB Baldor-Reliance® SP4™ motors emerges as a game changer. ABB has taken the best AC induction motor design and made it better by reducing motor losses by an average of 20% while preserving the ease of integration with existing systems. This innovation is not just a testament to efficiency; it embodies a commitment to progress, enabling industries to flourish, reducing costs, and advancing towards a sustainable future. ABB Baldor-Reliance SP4 motors are more than just a breakthrough, it's an invitation to be part of a vision where motors do more than power machinery; they propel us toward a more efficient and promising tomorrow.

ABB BALDOR-RELIANCE® MOTORS

Buy American Act compliant

When you choose a ABB Baldor-Reliance® motor, you get a motor backed by more than 100 years of efficiency and performance. Our motors are designed and built in Arkansas, Georgia, Mississippi and Oklahoma, and our employees are committed to quality so that we can provide a reliable motor every time.

Every day, thousands of customers make the choice to trust ABB and ABB Baldor-Reliance motors. Your success is our success, and we will work with you every step of the way to deliver the right motor that exceeds your expectations

Over 90% of ABB Baldor-Reliance motors meet the Buy American Act.
Find out more here.



For more information visit baldor.abb.com

BRINGING OUR PRODUCTS CLOSE TO OUR CUSTOMERS



ABB NEMA Division headquarters in Fort Smith, AR

ABB's district offices across the region are here to offer you personalized support from our friendly motor experts. We provide tailored solutions, technical help, and quick access to inventory, all while staying attuned to your local needs. This way, we ensure smooth communication and a great experience, boosting your satisfaction and appreciation of ABB.

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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 US Department of Energy (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. Frames with the “L” prefix have standard NEMA base and BA dimensions. Also applies to TC versions of these frame sizes.

DC 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 8 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.

Catalog notes

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)

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.abb.com

IP protection – Baldor-Reliance® enclosures [1]

Open motor enclosures

- IP22 or IP23
  - Open drip proof AC or DC motors

Totally enclosed motor enclosures*

- IP44
  - LV General purpose AC or DC motors **
- IP54
  - SP4 General Purpose Enclosed motors
  - LV Severe Duty motors
  - Explosion Proof motors
- IP55
  - SP4 Severe Duty
  - Severe Duty AC motors (ECP)
  - Crusher, Quarry & Dirty Duty Plus motors
  - White Washdown & Paint-Free motors
- IP56
  - LV motors meeting IEEE 841
  - Dirty Duty Plus motors
  - Feather Picker motors
  - Stainless steel motors (non-encapsulated)
- IP69 for water
  - Food Safe stainless steel encapsulated motors

Summary of IP protection numbers

First #		Second #	
Protection against solid objects			**Protection against liquids**
IP	Tests	0	No protection
0	No protection	1	Protection against vertical drops of water. (E.G. condensation.)
1	Protection against solid objects up to 50 mm. (E.G. accidental touch by hands.)	2	Protection against falling water up to 15 degrees from the vertical.
2	Protection against solid objects up to 12 mm. (E.G. fingers)	3	Protection against falling water up to 60 degrees from the vertical.
3	Protection against solid objects over 2.5 mm. (E.G. tools, wires)	4	Protection against splashing water from all directions, limited ingress.
4	Protection against solid objects over 1 mm. (E.G. tools, wires, and small wires)	5	Protection against low pressure jets of water from all directions, limited ingress.
5	Protection against dust - limited ingress (no harmful deposits)	6	Protection against strong jets of water. (E.G. use on ship decks, limited ingress.)
6	Totally protected against all dust.	7	Protection against immersion.
		8	Protection against submersion.
		9	Protection against high pressure, high temperature spray of water from all directions

Approvals UL and CSA

Approvals for AC motors, Explosion Proof, and DC motors

Notes:

Motor designs built at Athens and Gainesville plants.

Motor designs built at Athens, Gainesville, Westville, Fort Smith, Ozark, and Columbus plants.

Motor designs built at 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.

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
		182T - 286T frames – Shaker Duty motors
	UL Listed Explosion Proof DC motors	1811AT - 259AT frames
		327AT - 3610A frames
		408AT - 409AT frames
E481231	UL Listed Fire Pump motors	140 - 440 frames, up to 400 Hp
E27506	UL Recognition for Thermally Protected motors	42 - 250 frames - Subfractional thru 20 Hp motors
E37609	Special Explosion Proof conduit boxes	–
E46145	UL Recognition for DC frames	42 - 184 frames – Subfractional motors and gearmotors
	UL Recognition for NEMA frames	42 - 449 frames
E54825	UL Recognition for AC frames	180 - 5800 frames
		L180 - DL2814 frames
	UL Recognition for DC frames	48 - 4013AT frames
E6881	UL Listed Explosion Proof DC motors	56 frame
E6951	UL Listed Explosion Proof AC/DC motors	48 - 449 frames – Subfractional thru 300 Hp motors
EEV79350	CSAc-us EEV Certification (Energy Efficiency Verification)	1 - 500 Hp motors
EEV78389		
LR19467	CSA Certified Explosion Proof (Division 1)	140TY - 440TY frames
		180 - 449T frames
	CSA c-us Certified Explosion Protected (Division 2)	180 - 449T frames
LR22553	CSA Certification for Explosion Proof motors	48 - 215 frames
	CSA c-us Certified Explosion Protected (Division 2)	56 - 364T frames
LR2262	CSA Certification for DC frames	42 - 184 frames
	CSA Certification for NEMA frames	42 - 449 frames
LR40567	CSA c-us Certification for AC frames	L180 - DL2814 frames – 32-1000 Hp
	CSA c-us Certification for DC frames	48 - 4013AT frames – 5-500 Hp
	CSA c-us Certification for MG sets	7MG - 80MG frames – 15-150 Hp
	CSA c-us Certification for NEMA frames	140TY - 360TY frames – Submersible motors
LR46877	CSA c-us Certified Explosion Proof (Division 1)	L180 - L440 frames – TEPV Type X Purge motors
	CSA c-us Certified Explosion Protected (Division 2)	L180 - DL2814 frames
LR48703	CSA Certification for Explosion Proof motors	–
LR52580	CSA Certification for Explosion Proof motors	447T - 10840 frames up to 7200 volts
	CSA Certification for AC frames	C4412 - B1610 frames – 100-3000 Hp
LR53258	CSA c-us Certification for DC frames	447T - 9600 frames up to 7200 volts
LR60344	CSA c-us Certified Explosion Protected (Division 2)	447T - 10840 frames up to 14000 volts
LR63415	CSA Certification for Explosion Proof motors	–
LR6451	CSA c-us Certification for AC frames	5800 - 10840 frames – 1000-10000 Hp
LR6771	CSA Certified AC Division 1	–
EEV78389	CSA EEV Certification (Energy Efficiency Verification)	1 - 500 Hp
LR7861	CSA c-us Certification for NEMA frames	180 - 449 frames – 600 Hp max.
LR40567	CSA c-us Certification for NEMA frames	180 - 449 frames – 600 Hp max.

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. Our Baldor-Reliance motor 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
Commission Regulation (EU) 2021/341 of February 23, 2021 amending Regulations (EU) 2019/424, (EU) 2019/1781, (EU) 2019/2019, (EU) 2019/2020, (EU) 2019/2021, (EU) 2019/2022, (EU) 2019/2023 and (EU) 2019/2024 with more demanding requirements in regards to ecodesign for electric motors and variable speed drives.

As of July 1, 2023, motors from 75 kW to 200 kW (100 Hp - 250 Hp) 2, 4, 6 & 8 pole sold in the European Community will require to meet IE4 efficiencies. Motors from 0.75 kW up to 75 kw (1 Hp - 75 Hp) will require to meet IE3 efficiencies as a minimum and motors with 0.12 kW up to 0.75 kW will need to meet IE2 efficiencies. Additionally the motors need to have a CE mark. There is no formal registration process for motors old for use in the EU.

Motors within the scope of the regulation that are to be used on adjustable speed drives now require IE3 efficiencies.

Hazardous location motors (except Ex eb increased safety), brake motors, TEAO and 8 pole motors are no longer exempt from the EU regulations. These motors now require IE3 efficiencies.

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.

1. **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.

2. 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.

3. 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

UL and CSA explosion-proof classifications

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.

4. 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.

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
180° C	T3A	–
165° C	T3B	–
160° C	T3C	–
135° C	T4	T4
120° C	T4A	–
100° C	T5	T5
85° C	T6	T6

5. 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.

6. All Baldor-Reliance explosion-proof motors are supplied with Explosion-Proof UL and CSA approved conduit boxes as standard.

7. 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.

8. Baldor-Reliance Division 1 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.

Motor prefix	
AEM	Automotive Motor, three phase
AFL	Aeration Fan Motor, single phase
AFM	Aeration Fan Motor, three phase
ANFL	Auger Fan Motor, single phase
AOM	Air Over Motor, three phase
B	Brake motor
BN	Brake motor, TENV enclosure
C	NEMA C-Face with base
CBXM	General Purpose explosion proof, Brake, three phase, C-Face foot mounted
CBXMN	General Purpose explosion proof, Brake, three phase, C-Face foot mounted, TENV
CCPX	Severe Duty explosion proof, three phase, C-Face foot mounted
CD	Wound field DC motor NEMA C-Face with base
CDM	Dirty Duty - three phase, C-Face
CDMG	Lifting magnet generator, C-Face
CDP	PM SCR drive motor
CDPSWD	Paint free washdown PM SCR drive motor C-Face with base
CDPT	PM SCR drive motor with integral tachometer
CDPWD	Washdown PM SCR drive motor NEMA C-Face with base
CDPX	Explosion proof PM SCR drive motor C-Face with base
CDRX	Drill Rig Duty explosion proof, three phase, C-face foot mounted
CDRXL	Drill Rig Duty explosion proof, single phase, C-face foot mounted
CDX	Explosion proof wound Field DC motor, NEMA C-Face
CEL	Super-E® premium efficient motor, single phase, C-Face
CEM	Super-E premium efficient motor, three phase, C-Face
CF	Condenser fan motor
CHC	Direct drive fan motor, permanent split capacitor
CHL	Direct drive fan motor, single phase
CHM	Direct drive fan motor, three phase
CJWDM	Washdown jet pump, three phase, foot mounted
CP	Severe duty motor
CPX	Severe Duty explosion proof, three phase
CR	Crusher duty motor
CTM	Cooling tower motor, three phase
CXL	General Purpose explosion proof, single phase, C-Face foot mounted
CXM	General Purpose explosion proof, three phase, C-Face foot mounted
D	Wound field DC motor
DDC	Direct drive, indoor blower motor, permanent split capacitor
DEL	Dairy/vacuum pump motor, single phase
DM	Dirty Duty - three phase
DRX	Drill Rig Duty explosion proof, three phase
E	Super-E premium efficient motor
ECP	Super-E Severe duty motor
ECP6	IEEE 661 motor
ECP8	IEEE 841 motor
ENCP	Super-E severe duty motor, TENV
ENCP8	IEEE 841 motor, TENV
F	TEFC motor (when special)
FDL	Farm duty motor, single phase
FDEM	Farm duty motor, three phase, premium efficient, standard NEMA frame
FLT	Filter kit
FM	F-2 mounted motor
FP	Fire pump motor
FSWDM	All stainless steel food safe washdown motor, three phase

Motor prefix	
FSWDL	All stainless steel food safe washdown motor, single phase
FVB	Blower kit
FWDM	Washdown duty motor, TEFC, three phase
GD	Grain dryer centrifugal fan motor
GSL	Grain stirring motor, single phase
HFM	HVAC duty, F-2 mounted connection box, three phase
HIC	Incubator/hatchery vent fan motor, permanent split capacitor
HM	HVAC duty motor, three phase
HPM	Hydraulic pump motor, three phase
IDBRPM	RPMAC Inverter Duty motor – laminated frame, TEBC
IDCSWDM	Inverter Duty motor, paint free washdown, C-Face with base
IDDRPM	RPMAC Inverter Duty motor – laminated frame, DPG-FV
IDFRPM	RPMAC Inverter Duty motor – laminated frame, TEFC
IDM	Inverter Duty motor, TEBC
IDNM	Inverter Duty motor, TENV
IDNRPM	RPMAC Inverter Duty motor – laminated frame, TENV
IDVSM	VS Master Inverter Duty motor
IDVSNM	VS Master Inverter Duty motor, TENV
IDVSWDM	Inverter Duty motor, paint free washown, C- Face less base
IDWNM	Washdown Inverter Duty motor, TENV
IM	Irrigation drive motor
IR	Instant reversing single phase farm motor
J	56J stainless steel threaded shaft with drip cover/jet pump
JM	JM pump shaft and face
JMXM	General purpose explosion proof, three phase, close coupled Pump
JP	JP pump shaft & face with base/close-coupled pump
JPDRX	Drill Rig Duty explosion proof, three phase, Close Coupled pump
JPM	JP pump shaft and face with base, three phase/close-coupled pump
JS	Square flange pump mount motors with threaded shaft
JXL	General purpose explosion proof, single phase, jet pump
JXM	General purpose explosion proof, three phase, jet pump
K	Model 34 diameter motor with 56 C-Face, less base
L	Single phase motor
M	Three phase motor
MM	Metric dimension motor with base
MP	Metering pump motor, three phase
MVM	Metric dimension motor, flange mount less base, three phase
N	Totally enclosed non-ventilated motor
PCL	Pressure washer motor, C-Face with base, single phase
PFTG	Tachometer generator foot mount
PL	Pressure washer motor, single phase
PSC	Permanent split capacitor motor
PTG	Tachometer generator
R	Repulsion-start induction-run motor
RBM	High cycle brake motor, three phase
RHM	Definite purpose HVAC motors, three phase
RL	Resilient base motor (cradle mount), single phase
RM	Resilient base motor (cradle mount), three phase
SP4	NEMA Super Premium motors
SSEWDM	All stainless encapsulated Super-E washdown motor, three phase
SSWDM	All stainless washdown, three phase
SWDM	Paint free washdown duty motor, three phase
UCC	Universal crop dryer motor, permanent split capacitor, open air over
UCCE	Universal crop dryer motor, permanent split capacitor, TEAO
UCL	Grain dryer/vane axial fan, single phase, open air over

Abbreviations

Motor prefix	
UCLE	Grain dryer/vane axial fan, single phase, TEAO
UCM	Grain dryer/vane axial fan, three phase, open air over
UCME	Grain dryer/vane axial fan, three phase, TEAO
UH	Unit handling motor
UHM	Unit handling motor, three phase
V	NEMA C-Face less base
V2L	Two compartment jet pump motor C-Face less base, single phase
VDRX	Drill Rig Duty explosion proof, three phase, C-face footless
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
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
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
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

Motor suffix	
/35	Full 140 frame band diameter
/36	Full 180 frame band diameter
-2	120/240V field

Motor suffix continued	
-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
-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	Shaft ground ring 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

Super Premium SP4™



Super Premium SP4™

ABB's Baldor-Reliance® SP4™ NEMA Premium 4 efficient motors lead in energy savings, running cooler, longer and quieter. Versatile for DOL or inverter duty, they comply with upcoming NEMA regulations. With a 48-month warranty, they offer reliable, cost-effective performance and compliance.



Super Premium SP4 General purpose, open drip proof



Super Premium SP4 General purpose, totally enclosed



Super Premium SP4 Severe duty



Super Premium SP4 HVAC, open drip proof, with internal shaft grounding ring



Super Premium SP4 HVAC, totally enclosed, with internal shaft grounding ring



Super Premium SP4, Close-Coupled pump, open drip proof



Super Premium SP4, Close-Coupled pump, totally enclosed



Super Premium SP4 Severe duty, Close-coupled pump

Super Premium SP4 General purpose, open drip proof

1/4 thru 20 Hp

NEMA PREMIUM 4

IP22

Features

- Suitable for inverter use per NEMA MG1 Part 31.4.4.2
- Designed for longevity with a 4 year warranty on NEMA Premium 4 efficient SP4 motors
- Cooler operation for longer lifespan
- 100% copper windings on all ratings

Applications

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

Super Premium SP4 General purpose, three phase, open drip proof, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/4	1800	48	SPM30003	766	GO4	9.62	24	74.0	230/460	0.4	38
	1200	48	SPM30004	846	GO4	9.75	27	74.0	230/460	0.7	38
		56H	SPM31101	846	GO4	11.75	27	74.0	230/460	0.7	38
1/3	3600	48	SPM30006	804	GO4	9.62	24	74.0	230/460	0.4	38
	1800	48	SPM30007	809	GO4	9.75	24	77.0	230/460	0.5	38
		56H	SPM31104	809	GO4	11.75	24	77.0	230/460	0.5	38
	1200	48	SPM30008	886	GO4	9.75	27	75.5	230/460	0.7	38
		56H	SPM31105	886	GO4	11.75	27	75.5	230/460	0.7	38
1/2	3600	48	SPM30009	865	GO4	9.62	27	77.0	230/460	0.8	38
		56H	SPM31107	865	GO4	11.75	27	77.0	230/460	0.8	38
	1800	48	SPM30010	891	GO4	9.62	27	81.5	230/460	0.8	38
		56H	SPM31108	891	GO4	11.75	27	81.5	230/460	0.8	38
	1200	48	SPM30011	974	GO4	9.75	40	78.5	230/460	1.0	38
		56H	SPM31109	974	GO4	11.75	40	78.5	230/460	1.0	38
3/4	3600	48	SPM30012	861	GO4	9.75	30	80.0	230/460	1.0	38
		56H	SPM31111	861	GO4	11.75	30	80.0	230/460	1.0	38
	1800	56H	SPM31112	982	GO4	11.75	40	84.0	230/460	1.0	30
	1200	56H	SPM31153	1,199	GO4	11.75	41	82.5	230/460	1.4	30
		143T	SPM3153T	1,051	GO4	12.13	41	82.5	230/460	1.4	30
1	3600	56H	SPM31115	882	GO4	11.75	35	82.5	230/460	1.3	30
	1800	56H	SPM31116	1,033	GO4	11.75	37	85.5	230/460	1.6	30
		143T	SPM3116T	1,132	GO4	11.12	37	85.5	230/460	1.6	30
	1200	56H	SPM31156	1,510	GO4	11.75	47	84.0	230/460	1.7	30
		145T	SPM3156T	1,304	GO4	13.00	47	84.0	230/460	1.7	30
1-1/2	3600	56H	SPM31120	912	GO4	11.75	38	85.5	230/460	2.1	30
		143T	SPM3120T	1,098	GO4	11.12	38	85.5	230/460	2.1	30

Red catalog number indicates NEW product

Super Premium SP4 General purpose, three phase, open drip proof, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1-1/2	1800	56H	SPM31154	1,132	GO4	11.75	45	87.5	230/460	2.3	30
		145T	SPM3154T	1,184	GO4	12.13	45	87.5	230/460	2.3	30
	1200	182T	SPM31159	1,454	GO4	16.49	90	88.5	230/460	2.5	30
		182T	SPM3207T	1,527	GO4	17.99	90	88.5	230/460	2.5	30
2	3600	56H	SPM31155	1,026	GO4	11.75	43	86.5	230/460	2.5	30
		143T	SPM3155T	1,288	GO4	11.62	43	86.5	230/460	2.5	30
	1800	56H	SPM31157	1,188	GO4	11.75	56	88.5	230/460	2.7	30
		145T	SPM3157T	1,268	GO4	14.38	56	88.5	230/460	2.7	30
	1200	184T	SPM3215T	1,561	GO4	18.43	101	89.5	230/460	3.3	30
3	3600	56H	SPM31158	1,151	GO4	11.75	64	88.5	230/460	3.5	30
		145T	SPM3158T	1,304	GO4	14.38	64	88.5	230/460	3.5	30
	1800	182T	SPM3211T	1,367	GO4	17.99	92	91.0	230/460	4.0	30
	1200	213T	SPM3305T	1,987	GO4	17.45	127	90.2	230/460	4.5	30
5	3600	182T	SPM3212T	1,424	GO4	16.49	81	91.0	230/460	5.6	30
	1800	184T	SPM3218T	1,498	GO4	18.43	101	91.0	230/460	6.6	30
	1200	215T	SPM3309T	2,604	GO4	17.45	141	90.2	230/460	7.3	30
7-1/2	3600	184T	SPM3219T	2,259	GO4	17.99	96	90.2	230/460	8.4	30
	1800	213T	SPM3311T	2,200	GO4	18.20	158	92.4	230/460	10.0	30
	1200	254T	SPM2506T	3,121	GO4	23.19	248	91.7	230/460	11.0	30
10	3600	213T	SPM3312T	2,584	GO4	17.45	130	91.7	230/460	11.5	30
	1800	215T	SPM3313T	2,663	GO4	18.20	158	92.4	230/460	12.1	30
	1200	254T	SPM2511T	4,061	GO4	24.21	288	92.4	230/460	14.5	30
15	3600	215T	SPM3314T	3,670	GO4	18.95	187	92.4	230/460	17.0	30
	1800	254T	SPM2513T	3,771	GO4	23.20	290	93.6	230/460	18.3	30
20	3600	254T	SPM2514T	4,310	GO4	21.69	242	92.4	230/460	23.0	30
	1800	256T	SPM2515T	4,660	GO4	25.21	436	94.1	230/460	24.0	30

Red catalog number indicates **NEW** product

Super Premium SP4 General purpose, three phase, open drip proof, C-face foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/3	1800	56HC	CSPM31104	856	GO4	11.75	24	77.0	230/460	0.5	38
1/2	3600	56HC	CSPM31107	911	GO4	11.75	27	77.0	230/460	0.8	38
	1800	56HC	CSPM31108	939	GO4	11.75	27	81.5	230/460	0.75	38
3/4	1800	56HC	CSPM31112	1,028	GO4	11.75	40	84.0	230/460	1.0	30
1	3600	56C	CSPM31115	1,091	GO4	11.07	35	82.5	230/460	1.3	30
	1800	143TC	CSPM3116T	1,327	GO4	11.62	37	85.5	230/460	1.6	30
	1200	145TC	CSPM3156T	1,368	GO4	13.00	47	84.0	230/460	1.7	30
1-1/2	3600	143TC	CSPM3120T	1,161	GO4	11.62	38	85.5	230/460	2.1	30
	1800	145TC	CSPM3154T	1,384	GO4	12.13	45	87.5	230/460	2.3	30
	1200	182TC	CSPM3207T	1,646	GO4	16.50	90	88.5	230/460	2.5	30
2	3600	56C	CSPM31155	1,238	GO4	11.07	43	86.5	230/460	2.5	30
	1800	145TC	CSPM3157T	1,478	GO4	14.38	56	88.5	230/460	2.7	30
	1200	184TC	CSPM3215T	1,680	GO4	16.93	101	89.5	230/460	3.3	30
3	3600	145TC	CSPM3158T	1,368	GO4	14.38	64	88.5	230/460	3.5	30
	1800	182TC	CSPM3211T	1,644	GO4	16.50	92	91.0	230/460	4.0	30
	1200	213TC	CSPM3305T	2,254	GO4	18.19	127	90.2	230/460	4.5	30
5	3600	182TC	CSPM3212T	1,544	GO4	14.99	81	91.0	230/460	5.6	30
	1800	184TC	CSPM3218T	1,790	GO4	16.93	101	91.0	230/460	6.6	30
	1200	215TC	CSPM3309T	2,871	GO4	18.19	141	90.2	230/460	7.3	30
7-1/2	3600	184TC	CSPM3219T	2,379	GO4	16.50	96	90.2	230/460	8.4	30
	1800	213TC	CSPM3311T	2,723	GO4	18.94	158	92.4	230/460	10.0	30
	1200	254TC	CSPM2506T	3,657	GO4	23.19	248	91.7	230/460	11.0	30
10	3600	213TC	CSPM3312T	2,851	GO4	18.19	130	91.7	230/460	11.5	30
	1800	215TC	CSPM3313T	3,240	GO4	18.94	158	92.4	230/460	12.1	30
	1200	256TC	CSPM2511T	4,597	GO4	24.21	288	92.4	230/460	14.5	30
15	3600	215TC	CSPM3314T	3,937	GO4	19.69	187	92.4	230/460	17.0	30
	1800	254TC	CSPM2513T	4,306	GO4	24.21	290	93.6	230/460	18.3	30
20	3600	254TC	CSPM2514T	4,846	GO4	21.69	242	92.4	230/460	23.0	30
	1800	256TC	CSPM2515T	5,197	GO4	25.21	436	94.1	230/460	24.0	30

Red catalog number indicates **NEW** product

Super Premium SP4 General purpose, three phase, open drip proof, C-face footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/3	1800	56C	VSPM31104	856	GO4	10.26	24	77.0	230/460	0.5	38
1/2	3600	56C	VSPM31107	911	GO4	10.26	27	77.0	230/460	0.8	38
	1800	56C	VSPM31108	939	GO4	10.26	27	81.5	230/460	0.8	38
	1200	56C	VSPM31109	1,020	GO4	10.26	40	78.5	230/460	1.0	38
3/4	3600	56C	VSPM31111	908	GO4	10.26	30	80.0	230/460	1.0	38
	1800	56C	VSPM31112	1,028	GO4	10.26	40	84.0	230/460	1.0	30
	1200	56C	VSPM31153	1,245	GO4	11.07	41	82.5	230/460	1.4	30
		143TC	VSPM3153T	1,085	GO4	12.13	41	82.5	230/460	1.4	30
1	3600	56C	VSPM31115	1,091	GO4	11.07	35	82.5	230/460	1.3	30
	1800	56C	VSPM31116	1,080	GO4	11.07	37	85.5	230/460	1.6	30
		143TC	VSPM3116T	1,327	GO4	11.13	37	85.5	230/460	1.6	30
	1200	145TC	VSPM3156T	1,368	GO4	13.00	47	84.0	230/460	1.7	30
1-1/2	3600	56C	VSPM31120	958	GO4	11.07	38	85.5	230/460	2.1	30
		143TC	VSPM3120T	1,161	GO4	11.13	38	85.5	230/460	2.1	30
	1800	56C	VSPM31154	1,179	GO4	11.07	45	87.5	230/460	2.3	30
		145TC	VSPM3154T	1,384	GO4	12.13	45	87.5	230/460	2.3	30
2	3600	56C	VSPM31155	1,238	GO4	11.07	43	86.5	230/460	2.5	30
		143TC	VSPM3155T	1,351	GO4	11.62	43	86.5	230/460	2.5	30
	1800	145TC	VSPM3157T	1,478	GO4	14.38	56	88.5	230/460	2.7	30
	1200	184TC	VSPM3215T	1,680	GO4	16.93	101	89.5	230/460	3.3	30
3	3600	145TC	VSPM3158T	1,368	GO4	14.38	64	88.5	230/460	3.5	30
	1800	182TC	VSPM3211T	1,644	GO4	16.50	92	91.0	230/460	4.0	30
	1200	213TC	VSPM3305T	2,254	GO4	18.19	127	90.2	230/460	4.5	30
5	3600	182TC	VSPM3212T	1,544	GO4	14.99	81	91.0	230/460	5.6	30
	1800	184TC	VSPM3218T	1,790	GO4	16.93	101	91.0	230/460	6.6	30
	1200	215TC	VSPM3309T	2,871	GO4	18.19	141	90.2	230/460	7.3	30
7-1/2	3600	184TC	VSPM3219T	2,379	GO4	16.50	96	90.2	230/460	8.4	30
	1800	213TC	VSPM3311T	2,723	GO4	18.94	158	92.4	230/460	10.0	30
10	3600	213TC	VSPM3312T	2,851	GO4	18.19	130	91.7	230/460	11.5	30
	1800	215TC	VSPM3313T	3,240	GO4	18.94	158	92.4	230/460	12.1	30
15	3600	215TC	VSPM3314T	3,937	GO4	19.69	187	92.4	230/460	17.0	30
	1800	254TC	VSPM2513T	4,306	GO4	23.20	290	93.6	230/460	18.3	30
20	3600	254TC	VSPM2514T	4,846	GO4	21.60	242	92.4	230/460	23.0	30
	1800	256TC	VSPM2515T	5,197	GO4	25.21	423	94.1	230/460	24.0	30

Red catalog number indicates **NEW** product

Super Premium SP4 General purpose, totally enclosed

1/4 thru 25 Hp

NEMA PREMIUM 4

IP54

Features

- Suitable for inverter use per NEMA MG1 Part 31.4.4.2
- Designed for longevity with a 4 year warranty on NEMA Premium 4 efficient SP4 motors
- 100% copper windings on all ratings

Applications

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

Super Premium SP4 General purpose, three phase, totally enclosed, foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/4	1800	48	TEFC	SPM3454	558	GE4	10.72	24	74.0	230/460	0.4	38
		48	TENV	SPNM3454	585	GE4	9.63	24	74.0	230/460	0.4	38
	1200	48	TEFC	SPM3455	877	GE4	10.72	27	74.0	230/460	0.7	38
		48	TENV	SPNM3455	807	GE4	10.25	27	74.0	230/460	0.7	38
		56H	TEFC	SPM3531	868	GE4	12.84	27	74.0	230/460	0.7	38
1/3	3600	48	TENV	SPNM3457	566	GE4	9.63	24	74.0	230/460	0.5	38
	1800	48	TEFC	SPM3458	680	GE4	10.72	24	77.0	230/460	0.5	38
		56H	TEFC	SPM3534	610	GE4	12.84	24	77.0	230/460	0.5	38
		56H	TENV	SPNM3534	655	GE4	11.76	24	77.0	230/460	0.5	38
	1200	56H	TEFC	SPM3535	976	GE4	12.84	27	75.5	230/460	0.7	38
1/2	3600	48	TEFC	SPM3460	657	GE4	10.72	27	77.0	230/460	0.8	38
		56H	TEFC	SPM3537	657	GE4	12.84	27	77.0	230/460	0.8	38
	1800	48	TEFC	SPM3461	796	GE4	10.72	27	81.5	230/460	0.8	38
		56H	TEFC	SPM3538	1,051	GE4	12.84	27	81.5	230/460	0.8	38
		56H	TENV	SPNM3538	759	GE4	11.76	27	81.5	230/460	0.8	38
	1200	56H	TEFC	SPM3539	1,051	GE4	12.84	40	78.5	230/460	1.0	38
		56H	TENV	SPNM3539	1,155	GE4	11.76	40	78.5	230/460	1.0	38
3/4	3600	48	TEFC	SPM3463	723	GE4	10.72	30	80.0	230/460	1.0	38
		56H	TEFC	SPM3541	723	GE4	12.84	30	80.0	230/460	1.0	38
	1800	48	TEFC	SPM3464	861	GE4	10.72	40	84.0	230/460	1.0	38
		56H	TEFC	SPM3542	746	GE4	12.84	40	84.0	230/460	1.0	38
		56H	TENV	SPNM3542	816	GE4	11.76	40	84.0	230/460	1.0	
	1200	56H	TEFC	SPM3543	1,073	GE4	12.91	41	82.5	230/460	1.4	30
		143T	TEFC	SPM3543T	1,073	GE4	13.29	41	82.5	230/460	1.4	30
1	3600	56H	TEFC	SPM3545	1,151	GE4	12.91	35	82.5	230/460	1.3	30
	1800	56H	TEFC	SPM3546	1,176	GE4	12.91	37	85.5	230/460	1.6	30

Red catalog number indicates **NEW** product

Super Premium SP4 General purpose, three phase, totally enclosed, foot mounted

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1	1800	56H	TENV	SPNM3546	1,324	GE4	11.74	37	85.5	230/460	1.7	30
		143T	TEFC	SPM3546T	1,176	GE4	12.29	37	85.5	230/460	1.6	30
		143T	TENV	SPNM3546T	1,324	GE4	12.12	37	85.5	230/460	1.7	30
	1200	56H	TEFC	SPM3556	1,518	GE4	12.91	47	84.0	230/460	1.7	30
		145T	TEFC	SPM3556T	1,518	GE4	14.19	47	84.0	230/460	1.7	30
1-1/2	3600	56H	TEFC	SPM3550	1,302	GE4	12.91	38	85.5	230/460	2.1	30
		143T	TEFC	SPM3550T	1,302	GE4	12.29	38	85.5	230/460	2.1	30
	1800	56H	TEFC	SPM3554	1,306	GE4	12.91	45	87.5	230/460	2.3	30
		145T	TEFC	SPM3554T	1,306	GE4	13.29	45	87.5	230/460	2.3	30
		145T	TENV	SPNM3554T	1,471	GE4	13.00	48	87.5	230/460	2.3	30
	1200	182T	TEFC	SPM3607T	1,775	GE4	18.04	90	88.5	230/460	2.5	30
2	3600	56H	TEFC	SPM3555	1,426	GE4	12.91	50	86.5	230/460	2.4	30
		145T	TEFC	SPM3555T	1,426	GE4	14.19	50	86.5	230/460	2.4	30
	1800	145T	TEFC	SPM3558T	1,382	GE4	15.56	62	88.5	230/460	2.8	30
	1200	184T	TEFC	SPM3614T	1,861	GE4	18.48	101	89.5	230/460	3.3	30
3	3600	182T	TEFC	SPM3610T	1,582	GE4	16.55	81	88.5	230/460	3.4	30
	1800	182T	TEFC	SPM3611T	1,418	GE4	18.04	93	91.0	230/460	4.2	30
	1200	213T	TEFC	SPM3704T	2,420	GE4	19.02	127	90.2	230/460	4.5	30
5	3600	184T	TEFC	SPM3613T	1,754	GE4	18.04	94	89.5	230/460	5.5	30
	1800	184T	TEFC	SPM3615T	1,464	GE4	18.48	101	91.0	230/460	6.6	30
	1200	215T	TEFC	SPM3708T	2,735	GE4	20.52	149	90.2	230/460	7.4	30
7-1/2	3600	213T	TEFC	SPM3709T	2,629	GE4	17.89	121	90.2	230/460	9.0	30
	1800	213T	TEFC	SPM3710T	2,112	GE4	20.52	165	92.4	230/460	9.9	30
10	3600	215T	TEFC	SPM3711T	2,665	GE4	20.52	187	91.7	230/460	10.3	30
	1800	215T	TEFC	SPM3714T	2,384	GE4	20.52	187	92.4	230/460	13.0	30
15	3600	215T	TEFC	SPM3713T	3,760	GE4	20.52	187	92.4	230/460	17.0	30
	1800	254T	TEFC	SPM3910T	4,150	GE4	24.56	290	93.6	230/460	18.3	30
20	3600	256T	TEFC	SPM3915T	5,005	GE4	23.57	256	92.4	230/460	24.0	30
20	1800	256T	TEFC	SPM3914T	4,950	GE4	27.57	436	94.1	230/460	24.0	30

Red catalog number indicates **NEW** product

Super Premium SP4 General purpose, three phase, totally enclosed, C-face foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/3	1800	56HC	TEFC	CSPM3534	671	GE4	12.84	24	77.0	230/460	0.5	38
1/2	3600	56HC	TEFC	CSPM3537	699	GE4	12.84	27	77.0	230/460	0.8	38
	1800	56HC	TEFC	CSPM3538	1,095	GE4	12.84	27	81.5	230/460	0.8	38
		56HC	TENV	CSPNM3538	946	GE4	11.75	27	81.5	230/460	0.8	38
	1200	56HC	TEFC	CSPM3539	1,095	GE4	12.84	40	78.5	230/460	1.0	38
		56HC	TENV	CSPNM3539	1,172	GE4	11.75	40	78.5	230/460	1.0	38
3/4	3600	56HC	TEFC	CSPM3541	765	GE4	12.84	30	80.0	230/460	1.0	38
	1800	56HC	TEFC	CSPM3542	788	GE4	12.84	40	84.0	230/460	1.0	38
		56HC	TENV	CSPNM3542	859	GE4	11.75	40	84.0	230/460	1.0	38
	1200	56HC	TEFC	CSPM3543	1,117	GE4	13.22	41	82.5	230/460	1.4	30
1	3600	56C	TEFC	CSPM3545	1,197	GE4	12.91	35	82.5	230/460	1.3	30
	1800	56HC	TEFC	CSPM3546	1,358	GE4	13.22	37	85.5	230/460	1.6	30
		56HC	TENV	CSPNM3546	1,370	GE4	11.91	37	85.5	230/460	1.7	30
		143TC	TEFC	CSPM3546T	1,232	GE4	12.29	37	85.5	230/460	1.6	30
	1200	56HC	TEFC	CSPM3556	1,564	GE4	13.22	47	84.0	230/460	1.7	30
		145TC	TEFC	CSPM3556T	1,581	GE4	14.19	47	84.0	230/460	1.7	30
1-1/2	3600	56HC	TEFC	CSPM3550	1,350	GE4	13.22	38	85.5	230/460	2.1	30
		143TC	TEFC	CSPM3550T	1,366	GE4	13.29	38	85.5	230/460	2.1	30
	1800	145TC	TEFC	CSPM3554T	1,363	GE4	13.29	45	87.5	230/460	2.3	30
	1200	182TC	TEFC	CSPM3607T	1,894	GE4	18.04	90	88.5	230/460	2.5	30
2	3600	56HC	TEFC	CSPM3555	1,473	GE4	13.22	50	86.5	230/460	2.4	30
		145TC	TEFC	CSPM3555T	1,490	GE4	14.19	50	86.5	230/460	2.4	30
	1800	145TC	TEFC	CSPM3558T	1,438	GE4	14.16	62	88.5	230/460	2.8	30
	1200	184TC	TEFC	CSPM3614T	1,980	GE4	18.48	101	89.5	230/460	3.3	30
3	3600	182TC	TEFC	CSPM3610T	1,702	GE4	16.55	81	88.5	230/460	3.4	30
	1800	182TC	TEFC	CSPM3611T	1,523	GE4	18.04	93	91.0	230/460	4.2	30
	1200	213TC	TEFC	CSPM3704T	2,650	GE4	19.75	127	90.2	230/460	4.5	30
5	3600	184TC	TEFC	CSPM3613T	1,874	GE4	18.04	94	89.5	230/460	5.5	30
	1800	184TC	TEFC	CSPM3615T	1,570	GE4	18.48	101	91.0	230/460	6.6	30
	1200	215TC	TEFC	CSPM3708T	2,964	GE4	21.25	149	90.2	230/460	7.4	30
7-1/2	3600	213TC	TEFC	CSPM3709T	2,858	GE4	18.63	121	90.2	230/460	9.0	30
	1800	213TC	TEFC	CSPM3710T	2,316	GE4	21.25	165	92.4	230/460	9.9	30
10	3600	215TC	TEFC	CSPM3711T	2,894	GE4	21.25	187	91.7	230/460	10.3	30
	1800	215TC	TEFC	CSPM3714T	2,588	GE4	21.25	187	92.4	230/460	13.0	30
15	3600	215TC	TEFC	CSPM3713T	3,990	GE4	21.25	187	92.4	230/460	17.0	30

Red catalog number indicates **NEW** product

Super Premium SP4 General purpose, three phase, totally enclosed, C-face footless



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/4	1200	56C	TEFC	VSPM3531	900	GE4	11.34	27	74.0	230/460	0.7	38
1/3	1800	56C	TEFC	VSPM3534	671	GE4	11.34	24	77.0	230/460	0.5	38
	1200	56C	TEFC	VSPM3535	1,011	GE4	11.34	27	75.5	230/460	0.7	38
1/2	3600	56C	TEFC	VSPM3537	699	GE4	11.34	27	77.0	230/460	0.8	38
	1800	56C	TEFC	VSPM3538	1,095	GE4	11.34	27	81.5	230/460	0.8	38
		56C	TENV	VSPNM3538	946	GE4	10.88	27	81.5	230/460	0.8	38
	1200	56C	TEFC	VSPM3539	1,095	GE4	11.34	40	78.5	230/460	1.0	38
3/4	3600	56C	TEFC	VSPM3541	765	GE4	11.34	30	80.0	230/460	1.0	38
	1800	56C	TEFC	VSPM3542	788	GE4	11.34	40	84.0	230/460	1.0	38
		56C	TENV	VSPNM3542	859	GE4	10.88	40	84.0	230/460	1.0	38
	1200	56C	TEFC	VSPM3543	1,117	GE4	13.23	41	82.5	230/460	1.4	30
		143TC	TEFC	VSPM3543T	1,110	GE4	13.29	41	82.5	230/460	1.4	30
1	3600	56C	TEFC	VSPM3545	1,197	GE4	13.23	35	82.5	230/460	1.3	30
	1800	56C	TEFC	VSPM3546	1,358	GE4	13.23	37	85.5	230/460	1.6	30
		56C	TENV	VSPNM3546	1,370	GE4	11.91	37	85.5	230/460	1.7	30
		143TC	TEFC	VSPM3546T	1,232	GE4	12.29	37	85.5	230/460	1.6	30
		143TC	TENV	VSPNM3546T	1,370	GE4	12.12	37	85.5	230/460	1.7	30
	1200	56C	TEFC	VSPM3556	1,564	GE4	13.23	47	84.0	230/460	1.7	30
		145TC	TEFC	VSPM3556T	1,581	GE4	14.19	47	84.0	230/460	1.7	30
1-1/2	3600	56C	TEFC	VSPM3550	1,350	GE4	13.23	38	85.5	230/460	2.1	30
		143TC	TEFC	VSPM3550T	1,366	GE4	12.29	38	85.5	230/460	2.1	30
	1800	56C	TEFC	VSPM3554	1,505	GE4	13.23	45	87.5	230/460	2.3	30
		145TC	TEFC	VSPM3554T	1,363	GE4	13.29	45	87.5	230/460	2.3	30
2	3600	56C	TEFC	VSPM3555	1,473	GE4	13.23	50	86.5	230/460	2.4	30
		145TC	TEFC	VSPM3555T	1,490	GE4	14.19	50	86.5	230/460	2.4	30
	1800	145TC	TEFC	VSPM3558T	1,438	GE4	15.56	62	88.5	230/460	2.8	30
	1200	184TC	TEFC	VSPM3614T	1,980	GE4	18.48	101	89.5	230/460	3.3	30
3	3600	182TC	TEFC	VSPM3610T	1,702	GE4	16.55	81	88.5	230/460	3.4	30
	1800	182TC	TEFC	VSPM3611T	1,523	GE4	18.04	93	91.0	230/460	4.2	30
	1200	213TC	TEFC	VSPM3704T	2,650	GE4	19.75	127	90.2	230/460	4.5	30
5	3600	184TC	TEFC	VSPM3613T	1,874	GE4	18.04	94	89.5	230/460	5.5	30
	1800	184TC	TEFC	VSPM3615T	1,570	GE4	18.48	101	91.0	230/460	6.6	30
	1200	215TC	TEFC	VSPM3708T	2,964	GE4	21.25	149	90.2	230/460	7.4	30
7-1/2	3600	213TC	TEFC	VSPM3709T	2,858	GE4	18.63	121	90.2	230/460	9.0	30
	1800	213TC	TEFC	VSPM3710T	2,316	GE4	21.25	165	92.4	230/460	9.9	30
10	3600	215TC	TEFC	VSPM3711T	2,894	GE4	21.25	187	91.7	230/460	10.3	30
	1800	213TC	TEFC	VSPM3714T	2,588	GE4	21.25	187	92.4	230/460	13.0	30
15	3600	215TC	TEFC	VSPM3713T	3,990	GE4	21.25	187	92.4	230/460	17.0	30

Red catalog number indicates **NEW** product

Super Premium SP4 Severe duty

25 thru 300 Hp

NEMA PREMIUM 4

IP55

Features

- Robust cast iron TEFC construction
- Regreasable bearings all frames
- Designed for longevity with a 4 year warranty on NEMA Premium 4 efficient SP4 motors
- 304 stainless steel nameplates
- Cooler operation for longer lifespan
- NEMA Design B torques at Design A inrush
- Class I, Division 2 Groups A, B, C & D
- Class II, Division 2 Groups F & G

Applications

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

Super Premium SP4 Severe duty, three phase, foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
25	3600	284TS	TEFC	SPM4107TS	7,017	SD4	26.75	396	93.0	230/460	28.0	
	1800	284T	TEFC	SPM4103T	6,600	SD4	28.00	490	94.5	230/460	29.0	
	1200	324T	TEFC	SPM4111T	10,355	SD4	30.71	680	94.1	230/460	31.0	
30	3600	286TS	TEFC	SPM4108TS	8,554	SD4	26.63	445	93.0	230/460	33.0	
	1800	286T	TEFC	SPM4104T	7,836	SD4	28.00	465	94.5	230/460	35.0	
	1200	326T	TEFC	SPM4117T	13,348	SD4	30.71	675	94.1	230/460	39.0	
40	3600	324TS	TEFC	SPM4109TS	11,751	SD4	29.13	451	93.6	230/460	45.0	
	1800	324T	TEFC	SPM4110T	10,253	SD4	30.71	720	95.0	230/460	48.0	
50	3600	326TS	TEFC	SPM4114TS	12,315	SD4	29.21	587	94.1	230/460	56.0	
	1800	326T	TEFC	SPM4115T	12,034	SD4	30.71	720	95.4	230/460	60.0	
		326TS	TEFC	SPM4115TS	12,034	SD4	29.21	720	95.4	230/460	60.0	
60	3600	364TS	TEFC	SPM4310TS	17,372	SD4	31.35	999	94.5	230/460	65.4	
	1800	364T	TEFC	SPM4314T	17,179	SD4	33.48	965	95.4	230/460	70.0	
		364TS	TEFC	SPM4314TS	17,179	SD4	31.35	965	95.4	230/460	70.0	
75	3600	365TS	TEFC	SPM4313TS	19,900	SD4	31.35	1005	95.0	230/460	80.7	
	1800	365T	TEFC	SPM4316T	19,766	SD4	33.48	890	95.8	230/460	90.0	
		365TS	TEFC	SPM4316TS	19,766	SD4	31.35	958	95.8	230/460	88.0	
460 volt												
40	1200	364T	TEFC	SPM4308T-4	16,314	SD4	33.48	918	95.0	460	45.0	
50	1200	365T	TEFC	SPM4312T-4	19,317	SD4	33.48	928	95.0	460	55.1	
60	1200	404T	TEFC	SPM4403T-4	24,206	SD4	38.19	1281	95.4	460	72.7	
75	1200	405T	TEFC	SPM4404T-4	29,458	SD4	38.19	1298	95.4	460	90.2	

Cast iron frame

Red catalog number indicates **NEW** product

Super Premium SP4 Severe duty, three phase, foot mounted

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt												
100	3600	405TS	TEFC	SPM4402TS-4	25,111	SD4	35.19	1342	95.0	460	114.0	
	1800	405T	TEFC	SPM4400T-4	24,738	SD4	38.19	1287	96.2	460	115.0	
		405TS	TEFC	SPM4400TS-4	24,738	SD4	35.19	1304	96.2	460	115.0	
	1200	447T	TEFC	SPM4409T-4	32,401	SD4	48.46	1625	95.8	460	125.0	
125	3600	444TS	TEFC	SPM4412TS-4	29,507	SD4	41.08	2017	95.4	460	137.0	
	1800	444T	TEFC	SPM4410T-4	29,246	SD4	44.96	1842	96.2	460	142.0	
		444T	TEFC	SPM4410TR-4	31,349	SD4	44.97	1950	96.2	460	142.0	
		444TS	TEFC	SPM4410TS-4	29,246	SD4	41.08	1950	96.2	460	142.0	
	1200	L449T	TEFC	SPM4411T-4	36,604	SD4	60.35	3407	95.8	460	150.0	
150	3600	447TS	TEFC	SPM4413TS-4	34,593	SD4	44.58	2330	95.4	460	163.0	
	1800	447T	TEFC	SPM4406T-4	34,060	SD4	48.46	2184	96.2	460	170.0	
		447T	TEFC	SPM4406TR-4	36,365	SD4	44.97	2184	96.2	460	170.0	
		447TS	TEFC	SPM4406TS-4	34,060	SD4	44.58	2184	96.2	460	170.0	
	1200	L449T	TEFC	SPM44156T-4	41,270	SD4	60.35	3225	96.2	460	175.0	
200	3600	447TS	TEFC	SPM4416TS-4	40,961	SD4	49.72	2595	95.8	460	213.0	
	1800	447T	TEFC	SPM4407T-4	41,215	SD4	53.47	2987	96.5	460	224.0	
		447T	TEFC	SPM4407TR-4	43,316	SD4	53.47	3145	96.5	460	224.0	
		449TS	TEFC	SPM4407TS-4	41,215	SD4	49.72	3245	96.5	460	224.0	
	1200	L449T	TEFC	SPM44206T-4	52,301	SD4	60.35	3683	96.2	460	229.0	
250	3600	449TS	TEFC	SPM44252TS-4	62,638	SD4	49.72	2855	96.2	460	264.0	
	1800	L449T	TEFC	SPM4408T-4	52,301	SD4	60.35	3389	96.5	460	280.0	
		L449T	TEFC	SPM4408TR-4	54,402	SD4	60.34	3389	96.5	460	280.0	
		L449TS	TEFC	SPM4408TS-4	54,402	SD4	56.71	3389	96.5	460	280.0	
	1200	L449T	TEFC	SPM44256T-4	75,415	SD4	60.34	3683	96.2	460	293.0	
300	3600	L449TS	TEFC	SPM44302TS-4	96,585	SD4	56.71	3345	96.2	460	315.0	
	1800	L449T	TEFC	SPM44304T-4	76,054	SD4	60.35	3598	96.8	460	342.0	
		L449TS	TEFC	SPM44304TS-4	76,054	SD4	56.71	3598	96.8	460	342.0	

Cast iron frame

Red catalog number indicates **NEW** product

Super Premium SP4 Severe duty, three phase, C-face foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
25	3600	284TSC	TEFC	CSPM4107TS	8,341	SD4	26.75	396	93.0	230/460	28.0	
	1800	284TC	TEFC	CSPM4103T	8,025	SD4	28.00	490	94.5	230/460	29.0	
	1200	324TC	TEFC	CSPM4111T	11,781	SD4	30.71	680	94.1	230/460	31.0	
30	3600	284TSC	TEFC	CSPM4108TS	9,879	SD4	26.63	445	93.0	230/460	33.0	
	1800	286TC	TEFC	CSPM4104T	9,262	SD4	28.00	490	94.5	230/460	35.0	
	1200	326TC	TEFC	CSPM4117T	14,774	SD4	30.71	675	94.1	230/460	39.0	
40	3600	324TSC	TEFC	CSPM4109TS	13,279	SD4	29.13	451	93.6	230/460	45.0	
	1800	324TC	TEFC	CSPM4110T	11,823	SD4	30.71	720	95.0	230/460	46.0	
50	3600	326TSC	TEFC	CSPM4114TS	13,842	SD4	29.21	587	94.1	230/460	56.0	
	1800	326TC	TEFC	CSPM4115T	13,605	SD4	30.71	720	95.4	230/460	60.0	
60	3600	364TSC	TEFC	CSPM4310TS	19,036	SD4	31.36	999	94.5	230/460	65.4	
	1800	364TC	TEFC	CSPM4314T	18,843	SD4	33.48	965	95.4	230/460	70.0	
75	3600	365TSC	TEFC	CSPM4313TS	21,563	SD4	31.36	1005	95.0	230/460	80.7	
	1800	365TC	TEFC	CSPM4316T	21,429	SD4	33.48	958	95.8	230/460	90.0	
460 volt												
100	3600	405TSC	TEFC	CSPM4402TS-4	27,191	SD4	35.20	1272	95.0	460	114.0	
	1800	405TC	TEFC	CSPM4400T-4	27,289	SD4	38.19	1296	96.2	460	115.0	
125	1800	444TC	TEFC	CSPM4410T-4	32,778	SD4	44.96	1950	96.2	460	142.0	
150	1800	447TC	TEFC	CSPM4406T-4	37,794	SD4	48.46	2184	96.2	460	173.0	
200	1800	449TC	TEFC	CSPM4407T-4	45,464	SD4	53.22	2545	96.5	460	227.0	

Cast iron frame

Red catalog number indicates **NEW** product

Super Premium SP4 HVAC, open drip proof, with internal shaft grounding ring

1 thru 20 Hp

SHAFT GROUNDING RING INSTALLED

IP22

NEMA PREMIUM 4

Features

- Suitable for inverter use per NEMA MG1 Part 31.4.4.2
- Designed for longevity with a 4 year warranty on NEMA Premium 4 efficient SP4 motors
- Internal grounding ring for bearing current mitigation
- Cooler operation for longer lifespan
- Class H insulation for increased protection on inverter use
- Suitable for 208 volt
- 100% copper windings on all ratings

Applications

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

Super Premium SP4 HVAC, three phase, open drip proof, foot mounted, with internal shaft grounding ring



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1	3600	56H	SPM31115-G	1,262	HV4	11.75	35	82.5	230/460	1.3	
	1800	143T	SPM3116T-G	1,573	HV4	11.12	37	85.5	230/460	1.6	
	1200	145T	SPM3156T-G	1,602	HV4	13.00	47	84.0	230/460	1.7	
1-1/2	3600	143T	SPM3120T-G	1,396	HV4	11.12	38	85.5	230/460	2.1	
	1800	145T	SPM3154T-G	1,631	HV4	12.13	45	87.5	230/460	2.3	
2	3600	143T	SPM3155T-G	1,587	HV4	11.62	43	86.5	230/460	2.5	
	1800	145T	SPM3157T-G	1,726	HV4	14.38	56	88.5	230/460	2.7	
	1200	184T	SPM3215T-G	1,915	HV4	18.43	101	89.5	230/460	3.3	
3	3600	145T	SPM3158T-G	1,602	HV4	14.38	64	88.5	230/460	3.5	
	1800	182T	SPM3211T-G	1,893	HV4	17.99	92	91.0	230/460	4.0	
	1200	213T	SPM3305T-G	2,383	HV4	17.45	127	90.2	230/460	4.5	
5	3600	182T	SPM3212T-G	1,778	HV4	16.49	81	91.0	230/460	5.6	
	1800	184T	SPM3218T-G	2,040	HV4	18.43	101	91.0	230/460	6.6	
	1200	215T	SPM3309T-G	3,000	HV4	17.45	141	90.2	230/460	7.3	
7-1/2	3600	184T	SPM3219T-G	2,613	HV4	17.99	96	90.2	230/460	8.4	
	1800	213T	SPM3311T-G	2,875	HV4	18.20	158	92.4	230/460	10.0	
	1200	254T	SPM2506T-G	3,647	HV4	23.19	248	91.7	230/460	11.0	
10	3600	213T	SPM3312T-G	2,981	HV4	17.45	130	91.7	230/460	11.5	
	1800	215T	SPM3313T-G	3,397	HV4	18.20	158	92.4	230/460	12.1	
	1200	256T	SPM2511T-G	4,587	HV4	24.21	288	92.4	230/460	14.5	

Red catalog number indicates **NEW** product

Super Premium SP4 HVAC, three phase, open drip proof, foot mounted, with internal shaft grounding ring

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
15	3600	215T	SPM3314T-G	4,066	HV4	18.95	187	92.4	230/460	17.0	
	1800	254T	SPM2513T-G	4,774	HV4	23.20	289	93.6	230/460	18.3	
20	3600	254T	SPM2514T-G	4,837	HV4	21.69	242	92.4	230/460	23.0	
	1800	256T	SPM2515T-G	5,187	HV4	25.21	404	94.1	230/460	24.0	

Red catalog number indicates **NEW** product

Super Premium SP4 HVAC, three phase, open drip proof, C-face foot mounted, with internal shaft grounding ring



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1	3600	56C	CSPM31115-G	1,421	HV4	11.07	35	82.5	230/460	1.3	
	1800	143TC	CSPM3116T-G	1,726	HV4	11.62	37	85.5	230/460	1.6	
	1200	145TC	CSPM3156T-G	1,759	HV4	13.00	47	84.0	230/460	1.7	
1-1/2	3600	143TC	CSPM3120T-G	1,525	HV4	11.62	38	85.5	230/460	2.1	
	1800	145TC	CSPM3154T-G	1,791	HV4	12.13	45	87.5	230/460	2.3	
	1200	182TC	CSPM3207T-G	2,037	HV4	16.50	90	88.5	230/460	2.5	
2	3600	56C	CSPM31155-G	1,662	HV4	11.07	43	86.5	230/460	2.5	
	1800	145TC	CSPM3157T-G	1,901	HV4	14.38	56	88.5	230/460	2.7	
	1200	184TC	CSPM3215T-G	2,076	HV4	16.93	101	89.5	230/460	3.3	
3	3600	145TC	CSPM3158T-G	1,759	HV4	14.38	64	88.5	230/460	3.5	
	1800	182TC	CSPM3211T-G	2,051	HV4	16.50	92	91.0	230/460	4.0	
	1200	213TC	CSPM3305T-G	2,580	HV4	18.19	127	90.2	230/460	4.5	
5	3600	182TC	CSPM3212T-G	1,919	HV4	14.99	81	91.0	230/460	5.6	
	1800	184TC	CSPM3218T-G	2,218	HV4	16.93	101	91.0	230/460	6.6	
	1200	215TC	CSPM3309T-G	3,283	HV4	18.19	141	90.2	230/460	7.3	
7-1/2	3600	184TC	CSPM3219T-G	2,869	HV4	16.50	96	90.2	230/460	8.4	
	1800	213TC	CSPM3311T-G	3,142	HV4	18.94	158	92.4	230/460	10.0	
	1200	254TC	CSPM2506T-G	3,948	HV4	23.19	248	91.7	230/460	11.0	
10	3600	213TC	CSPM3312T-G	3,261	HV4	18.19	130	91.7	230/460	11.5	
	1800	215TC	CSPM3313T-G	3,735	HV4	18.94	158	92.4	230/460	12.1	
	1200	256TC	CSPM2511T-G	5,018	HV4	24.21	288	92.4	230/460	14.5	
15	3600	215TC	CSPM3314T-G	4,496	HV4	19.69	187	92.4	230/460	17.0	
	1800	254TC	CSPM2513T-G	5,230	HV4	24.21	289	93.6	230/460	18.3	
20	3600	254TC	CSPM2514T-G	5,303	HV4	21.69	242	92.4	230/460	23.0	
	1800	256TC	CSPM2515T-G	5,701	HV4	25.21	404	94.1	230/460	24.0	

Red catalog number indicates **NEW** product

Super Premium SP4 HVAC, totally enclosed, with internal shaft grounding ring

1/4 thru 20 Hp

SHAFT GROUNDING RING INSTALLED

IP54

NEMA PREMIUM 4

Features

- Suitable for inverter use per NEMA MG1 Part 31.4.4.2
- Designed for longevity with a 4 year warranty on NEMA Premium 4 efficient SP4 motors
- Internal grounding ring for bearing current mitigation
- Class H insulation for increased protection on inverter use
- Suitable for 208 volt
- 100% copper windings on all ratings

Applications

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

Super Premium SP4 HVAC, three phase, totally enclosed, foot mounted, with internal shaft grounding ring



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1	3600	56H	TEFC	SPM3545-G	1,428	HV4	12.91	35	82.5	230/460	1.3	
	1800	143T	TEFC	SPM3546T-G	1,565	HV4	12.29	37	85.5	230/460	1.6	
	1200	145T	TEFC	SPM3556T-G	1,815	HV4	14.19	47	84.0	230/460	1.7	
1-1/2	3600	143T	TEFC	SPM3550T-G	1,601	HV4	12.29	38	85.5	230/460	2.1	
	1800	145T	TEFC	SPM3554T-G	1,615	HV4	13.29	45	87.5	230/460	2.3	
	1200	182T	TEFC	SPM3607T-G	2,128	HV4	18.04	90	88.5	230/460	2.5	
2	3600	143T	TEFC	SPM3555T-G	1,724	HV4	14.19	50	86.5	230/460	2.4	
	1800	145T	TEFC	SPM3558T-G	1,663	HV4	15.56	62	88.5	230/460	2.8	
	1200	184T	TEFC	SPM3614T-G	2,214	HV4	18.48	101	89.5	230/460	3.3	
3	3600	182T	TEFC	SPM3610T-G	1,936	HV4	16.55	81	88.5	230/460	3.4	
	1800	182T	TEFC	SPM3611T-G	1,861	HV4	18.04	93	91.0	230/460	4.2	
	1200	213T	TEFC	SPM3704T-G	2,817	HV4	19.02	127	90.2	230/460	4.5	
5	3600	184T	TEFC	SPM3613T-G	2,109	HV4	18.04	94	89.5	230/460	5.5	
	1800	184T	TEFC	SPM3615T-G	2,003	HV4	18.48	101	91.0	230/460	6.6	
	1200	215T	TEFC	SPM3708T-G	3,131	HV4	20.52	149	90.2	230/460	7.4	
7-1/2	3600	213T	TEFC	SPM3709T-G	3,025	HV4	17.89	121	90.2	230/460	9.0	
	1800	213T	TEFC	SPM3710T-G	2,776	HV4	20.52	165	92.4	230/460	9.9	
10	3600	215T	TEFC	SPM3711T-G	3,061	HV4	20.52	187	91.7	230/460	10.3	
	1800	215T	TEFC	SPM3714T-G	3,083	HV4	20.52	187	92.4	230/460	13.0	

Red catalog number indicates **NEW** product

Super Premium SP4 HVAC, three phase, totally enclosed, C-face foot mounted, with internal shaft grounding ring



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1	3600	56HC	TEFC	CSPM3545-G	1,611	HV4	12.91	35	82.5	230/460	1.3	
	1800	143TC	TEFC	CSPM3546T-G	1,840	HV4	12.29	37	85.5	230/460	1.6	
	1200	145TC	TEFC	CSPM3556T-G	2,064	HV4	14.19	47	84.0	230/460	1.7	
1-1/2	3600	143TC	TEFC	CSPM3550T-G	1,820	HV4	13.29	38	85.5	230/460	2.1	
	1800	145TC	TEFC	CSPM3554T-G	1,999	HV4	13.29	45	87.5	230/460	2.3	
	1200	182TC	TEFC	CSPM3607T-G	2,438	HV4	18.04	90	88.5	230/460	2.5	
2	3600	145TC	TEFC	CSPM3555T-G	1,962	HV4	14.19	50	86.5	230/460	2.4	
	1800	145TC	TEFC	CSPM3558T-G	2,093	HV4	14.16	62	88.5	230/460	2.8	
	1200	184TC	TEFC	CSPM3614T-G	2,535	HV4	18.48	101	89.5	230/460	3.3	
3	3600	182TC	TEFC	CSPM3610T-G	2,579	HV4	16.55	81	88.5	230/460	3.4	
	1800	182TC	TEFC	CSPM3611T-G	2,228	HV4	18.04	93	91.0	230/460	4.2	
	1200	213TC	TEFC	CSPM3704T-G	3,305	HV4	19.75	127	90.2	230/460	4.5	
5	3600	184TC	TEFC	CSPM3613T-G	2,415	HV4	18.04	94	89.5	230/460	5.5	
	1800	184TC	TEFC	CSPM3615T-G	2,294	HV4	18.48	101	91.0	230/460	6.6	
	1200	215TC	TEFC	CSPM3708T-G	3,662	HV4	21.25	149	90.2	230/460	7.4	
7-1/2	3600	213TC	TEFC	CSPM3709T-G	3,541	HV4	18.63	121	90.2	230/460	9.0	
	1800	213TC	TEFC	CSPM3710T-G	3,257	HV4	21.25	165	92.4	230/460	9.9	
10	3600	215TC	TEFC	CSPM3711T-G	3,582	HV4	21.25	187	91.7	230/460	10.3	
	1800	215TC	TEFC	CSPM3714T-G	3,607	HV4	21.25	187	92.4	230/460	13.0	

Red catalog number indicates **NEW** product

Super Premium SP4, Close-Coupled pump, open drip proof

1 thru 20 Hp

NEMA PREMIUM 4

IP23

Features

- Suitable for inverter use per NEMA MG1 Part 31.4.4.2
- Designed for longevity with a 4 year warranty on NEMA Premium 4 efficient SP4 motors
- JM and JP pump shaft for direct drive performance
- 100% copper windings on all ratings

Applications

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

NEMA Super Premium SP4 Close-coupled pump, three phase, open drip proof, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	SPJMM3116T	1,304	PC4	13.75	37	85.5	230/460	1.6	
1-1/2	3600	143JM	SPJMM3120T	1,369	PC4	13.75	38	85.5	230/460	2.1	
	1800	145JM	SPJMM3154T	1,411	PC4	14.25	45	87.5	230/460	2.3	
2	3600	143JM	SPJMM3155T	1,560	PC4	13.75	43	86.5	230/460	2.5	
	1800	145JM	SPJMM3157T	1,502	PC4	16.50	56	88.5	230/460	2.7	
3	3600	145JM	SPJMM3158T	1,705	PC4	16.50	64	88.5	230/460	3.5	
	1800	182JM	SPJMM3211T	1,708	PC4	18.00	92	91.0	230/460	4.0	
5	3600	182JM	SPJMM3212T	1,885	PC4	16.50	81	91.0	230/460	5.6	
	1800	184JM	SPJMM3218T	1,879	PC4	18.44	101	91.0	230/460	6.6	
	1200	215JM	SPJMM3309T	3,204	PC4	19.32	141	90.2	230/460	7.3	
7-1/2	3600	184JM	SPJMM3219T	2,720	PC4	18.00	96	90.2	230/460	8.4	
	1800	213JM	SPJMM3311T	2,789	PC4	20.07	158	92.4	230/460	10.0	
	1200	254JM	SPJMM2506T	4,403	PC4	24.69	248	91.7	230/460	11.0	
10	3600	213JM	SPJMM3312T	3,184	PC4	19.32	130	91.7	230/460	11.5	
	1800	215JM	SPJMM3313T	3,132	PC4	20.07	158	92.4	230/460	12.1	
	1200	254JM	SPJMM2511T	5,343	PC4	25.69	288	92.4	230/460	14.5	
15	3600	215JM	SPJMM3314T	4,270	PC4	20.82	187	92.4	230/460	17.0	
	1800	254JM	SPJMM2513T	4,631	PC4	24.69	289	93.6	230/460	18.3	
20	3600	254JM	SPJMM2514T	5,013	PC4	23.19	242	92.4	230/460	23.0	
	1800	256JM	SPJMM2515T	5,399	PC4	26.69	404	94.1	230/460	24.0	
Packed pump, Type JP											
230/460 volt											
1	1800	143JP	SPJPM3116T	1,547	PC4	16.81	37	85.5	230/460	1.6	
1.5	1800	145JP	SPJPM3154T	1,604	PC4	17.32	45	87.5	230/460	2.3	

Red catalog number indicates **NEW** product

NEMA Super Premium SP4 Close-coupled pump, three phase, open drip proof, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
2	1800	145JP	**SPJPM3157T**	1,699	PC4	19.57	56	88.5	230/460	2.7	
3	3600	145JP	**SPJPM3158T**	1,705	PC4	19.57	64	88.5	230/460	3.5	
	1800	182JP	**SPJPM3211T**	1,999	PC4	21.06	92	91.0	230/460	4.0	
5	3600	182JP	**SPJPM3212T**	1,885	PC4	19.56	81	91.0	230/460	5.6	
	1800	184JP	**SPJPM3218T**	2,146	PC4	21.50	101	91.0	230/460	6.6	
7.5	3600	184JP	**SPJPM3219T**	2,720	PC4	21.06	96	90.2	230/460	8.4	
	1800	213JP	**SPJPM3311T**	3,078	PC4	23.94	158	92.4	230/460	10.0	
10	3600	213JP	**SPJPM3312T**	3,184	PC4	23.19	130	91.7	230/460	11.5	
	1800	215JP	**SPJPM3313T**	3,132	PC4	23.94	158	92.4	230/460	12.1	
15	3600	215JP	**SPJPM3314T**	4,270	PC4	24.69	187	92.4	230/460	17.0	
	1800	254JP	**SPJPM2513T**	4,631	PC4	27.56	289	93.6	230/460	18.3	
20	3600	254JP	**SPJPM2514T**	5,013	PC4	26.06	242	92.4	230/460	23.0	
	1800	256JP	**SPJPM2515T**	5,399	PC4	29.56	404	94.1	230/460	24.0	

Red catalog number indicates **NEW** product

NEMA Super Premium SP4 Close-coupled pump, three phase, open drip proof, footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	**VSPJMM3116T**	1,304	PC4	14.51	37	85.5	230/460	1.6	
1-1/2	1800	145JM	**VSPJMM3154T**	1,373	PC4	15.51	45	87.5	230/460	2.3	
2	1800	145JM	**VSPJMM3157T**	1,502	PC4	17.66	56	88.5	230/460	2.7	
3	3600	145JM	**VSPJMM3158T**	1,705	PC4	17.66	64	88.5	230/460	3.5	
	1800	182JM	**VSPJMM3211T**	1,662	PC4	19.55	92	91.0	230/460	4.0	
5	3600	182JM	**VSPJMM3212T**	1,885	PC4	18.05	81	91.0	230/460	5.6	
	1800	184JM	**VSPJMM3218T**	1,879	PC4	19.98	101	91.0	230/460	6.6	
7-1/2	3600	184JM	**VSPJMM3219T**	2,720	PC4	19.55	96	90.2	230/460	8.4	
	1800	213JM	**VSPJMM3311T**	2,789	PC4	21.59	158	92.4	230/460	10.0	
10	3600	213JM	**VSPJMM3312T**	3,184	PC4	20.84	130	91.7	230/460	11.5	
	1800	215JM	**VSPJMM3313T**	3,048	PC4	21.59	158	92.4	230/460	12.1	
15	3600	215JM	**VSPJMM3314T**	4,270	PC4	22.34	187	92.4	230/460	17.0	

Red catalog number indicates **NEW** product

NEMA Super Premium SP4 Close-coupled pump, three phase, open drip proof, foot mounted, shaft grounding ring

Internal grounding ring for bearing current mitigation



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	**SPJMM3116T-G**	1,611	PC4	13.75	37	85.5	230/460	1.6	
1-1/2	1800	145JM	**SPJMM3154T-G**	1,717	PC4	14.25	45	87.5	230/460	2.3	
2	1800	145JM	**SPJMM3157T-G**	1,850	PC4	16.50	56	88.5	230/460	2.7	
3	3600	145JM	**SPJMM3158T-G**	2,003	PC4	16.50	64	88.5	230/460	3.5	
	1800	182JM	**SPJMM3211T-G**	2,091	PC4	18.00	92	91.0	230/460	4.0	
5	3600	182JM	**SPJMM3212T-G**	2,406	PC4	16.50	81	91.0	230/460	5.6	
	1800	184JM	**SPJMM3218T-G**	2,253	PC4	18.44	101	91.0	230/460	6.6	
7-1/2	3600	184JM	**SPJMM3219T-G**	2,852	PC4	18.00	96	90.2	230/460	8.4	
	1800	213JM	**SPJMM3311T-G**	3,286	PC4	20.07	158	92.4	230/460	10.0	
10	3600	213JM	**SPJMM3312T-G**	3,561	PC4	19.32	130	91.7	230/460	11.5	
	1800	215JM	**SPJMM3313T-G**	3,613	PC4	20.07	158	92.4	230/460	12.1	
15	3600	215JM	**SPJMM3314T-G**	4,572	PC4	20.82	187	92.4	230/460	17.0	
	1800	254JM	**SPJMM2513T-G**	5,171	PC4	24.69	289	93.6	230/460	18.3	
20	3600	254JM	**SPJMM2514T-G**	5,465	PC4	23.19	242	92.4	230/460	23.0	
	1800	256JM	**SPJMM2515T-G**	5,851	PC4	26.69	404	94.1	230/460	24.0	

Red catalog number indicates **NEW** product

Super Premium SP4, Close-Coupled pump, totally enclosed

1 thru 20 Hp

NEMA PREMIUM 4

Features

- Suitable for inverter use per NEMA MG1 Part 31.4.4.2
- Designed for longevity with a 4 year warranty on NEMA Premium 4 efficient SP4 motors
- JM and JP pump shaft for direct drive performance
- 100% copper windings on all ratings

Applications

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

TEFC IP54

NEMA Super Premium SP4 Close-coupled pump, three phase, totally enclosed, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	SPJMM3546T	1,485	PC4	15.41	37	85.5	230/460	1.6	
1-1/2	3600	143JM	SPJMM3550T	1,476	PC4	15.41	38	85.5	230/460	2.1	
	1800	145JM	SPJMM3554T	1,582	PC4	15.41	45	87.5	230/460	2.3	
2	3600	145JM	SPJMM3555T	1,698	PC4	16.28	50	86.5	230/460	2.4	
	1800	145JM	SPJMM3558T	1,913	PC4	17.66	62	88.5	230/460	2.8	
3	3600	182JM	SPJMM3610T	2,171	PC4	18.06	81	88.5	230/460	3.4	
	1800	182JM	SPJMM3611T	2,057	PC4	19.55	93	91.0	230/460	4.2	
5	3600	184JM	SPJMM3613T	2,215	PC4	19.55	94	89.5	230/460	5.5	
	1800	184JM	SPJMM3615T	2,109	PC4	19.99	101	91.0	230/460	6.6	
7-1/2	3600	213JM	SPJMM3709T	3,229	PC4	19.76	121	90.2	230/460	9.0	
	1800	213JM	SPJMM3710T	3,019	PC4	22.38	165	92.4	230/460	9.9	
10	3600	215JM	SPJMM3711T	3,265	PC4	22.38	187	91.7	230/460	10.3	
	1800	215JM	SPJMM3714T	3,360	PC4	22.38	187	92.4	230/460	13.0	
15	3600	215JM	SPJMM3713T	4,575	PC4	22.38	187	92.4	230/460	17.0	
Packed pump, Type JP											
230/460 volt											
1.5	1800	145JP	SPJPM3554T	1,743	PC4	18.47	45	87.5	230/460	2.3	
2	3600	145JP	SPJPM3555T	1,698	PC4	19.35	50	86.5	230/460	2.4	
	1800	145JP	SPJPM3558T	1,913	PC4	20.72	62	88.5	230/460	2.8	
3	3600	182JP	SPJPM3610T	2,171	PC4	21.11	81	88.5	230/460	3.4	
	1800	182JP	SPJPM3611T	2,057	PC4	22.61	93	91.0	230/460	4.2	
5	3600	184JP	SPJPM3613T	2,215	PC4	22.61	94	89.5	230/460	5.5	
	1800	184JP	SPJPM3615T	2,109	PC4	23.05	101	91.0	230/460	6.6	
7.5	3600	213JP	SPJPM3709T	3,229	PC4	23.64	121	90.2	230/460	9.0	

Red catalog number indicates NEW product

NEMA Super Premium SP4 Close-coupled pump, three phase, totally enclosed, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
7.5	1800	213JP	SPJPM3710T	3,019	PC4	26.26	165	92.4	230/460	9.9	
10	3600	215JP	SPJPM3711T	3,265	PC4	26.26	187	91.7	230/460	10.3	
	1800	215JP	SPJPM3714T	3,360	PC4	26.26	187	92.4	230/460	13.0	
15	3600	215JP	SPJPM3713T	4,575	PC4	26.26	187	92.4	230/460	17.0	

Red catalog number indicates **NEW** product

NEMA Super Premium SP4 Close-coupled pump, three phase, totally enclosed, footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	VSPJMM3546T	1,485	PC4	14.41	37	85.5	230/460	1.6	
1-1/2	1800	145JM	VSPJMM3554T	1,582	PC4	15.41	45	87.5	230/460	2.3	
2	1800	145JM	VSPJMM3558T	1,913	PC4	17.66	45	88.5	230/460	2.8	
3	1800	182JM	VSPJMM3611T	2,057	PC4	19.55	93	91.0	230/460	4.2	
5	1800	184JM	VSPJMM3615T	2,109	PC4	19.99	101	91.0	230/460	6.6	
7-1/2	3600	213JM	VSPJMM3709T	3,229	PC4	19.76	121	90.2	230/460	9.0	
	1800	213JM	VSPJMM3710T	3,019	PC4	22.38	165	92.4	230/460	9.9	
10	1800	215JM	VSPJMM3714T	3,360	PC4	22.38	187	92.4	230/460	13.0	

Red catalog number indicates **NEW** product

NEMA Super Premium SP4 Close-Coupled Pump, three phase, totally enclosed, foot mounted, shaft grounding ring

Internal grounding ring for bearing current mitigation



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	**SPJMM3546T-G**	1,700	PC4	15.41	37	85.5	230/460	1.7	
1-1/2	3600	143JM	**SPJMM3550T-G**	1,691	PC4	15.41	38	85.5	230/460	2.1	
	1800	145JM	**SPJMM3554T-G**	1,966	PC4	15.41	45	87.5	230/460	2.3	
2	3600	145JM	**SPJMM3555T-G**	1,920	PC4	16.28	50	86.5	230/460	2.4	
	1800	145JM	**SPJMM3558T-G**	2,053	PC4	17.66	62	88.5	230/460	2.8	
3	3600	182JM	**SPJMM3610T-G**	2,260	PC4	18.06	81	88.5	230/460	3.4	
	1800	182JM	**SPJMM3611T-G**	2,309	PC4	19.55	93	91.0	230/460	4.2	
5	3600	184JM	**SPJMM3613T-G**	2,488	PC4	19.55	94	89.5	230/460	5.5	
	1800	184JM	**SPJMM3615T-G**	2,332	PC4	19.99	101	91.0	230/460	6.6	
7-1/2	3600	213JM	**SPJMM3709T-G**	3,800	PC4	19.76	121	90.2	230/460	9.0	
	1800	213JM	**SPJMM3710T-G**	3,328	PC4	22.38	165	92.4	230/460	9.9	
10	3600	215JM	**SPJMM3711T-G**	3,847	PC4	22.38	187	91.7	230/460	10.3	
	1800	215JM	**SPJMM3714T-G**	3,828	PC4	22.38	187	92.4	230/460	13.0	

Red catalog number indicates **NEW** product

Super Premium SP4 Severe duty, Close-coupled pump

25 thru 50 Hp

NEMA PREMIUM 4

IP55

Features

- Suitable for inverter use per NEMA MG1 Part 31.4.4.2
- Designed for longevity with a 4 year warranty on NEMA Premium 4 efficient SP4 motors
- Robust cast iron TEFC construction
- Oversize ball bearings for the pump industry
- 304 stainless steel nameplates
- Cooler operation for longer lifespan
- Locked DE bearing to allow mounting in any configuration
- Class I, Division 2 Groups A, B, C & D
- Class II, Division 2 Groups F & G
- JM and JP pump shaft for direct drive performance

Applications

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

Super Premium SP4 Severe duty, Close-coupled pump, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
25	3600	284JM	SPJMM4107T	8,141	PD4	28.88	396	93.0	230/460	28.0	
	1800	284JM	SPJMM4103T	8,433	PD4	28.88	490	94.5	230/460	29.0	
30	3600	286JM	SPJMM4108T	10,299	PD4	28.88	445	93.0	230/460	33.0	
	1800	286JM	SPJMM4104T	10,972	PD4	28.88	490	94.5	230/460	35.0	
40	3600	324JM	SPJMM4109T	12,170	PD4	30.88	451	93.6	230/460	45.0	
	1800	324JM	SPJMM4110T	12,735	PD4	30.96	720	95.0	230/460	48.0	
50	3600	326JM	SPJMM4114T	14,167	PD4	30.96	587	94.1	230/460	56.0	
	1800	326JM	SPJMM4115T	14,364	PD4	30.96	720	95.4	230/460	58.0	
Packed pump, Type JP											
230/460 volt											
25	3600	284JP	SPJPM4107T	8,141	PD4	31.75	396	93.0	230/460	28.0	
	1800	284JP	SPJPM4103T	8,433	PD4	31.75	490	94.5	230/460	29.0	
30	3600	286JP	SPJPM4108T	10,299	PD4	31.75	445	93.0	230/460	33.0	
	1800	286JP	SPJPM4104T	10,972	PD4	31.75	490	94.5	230/460	35.0	
40	3600	324JP	SPJPM4109T	12,170	PD4	33.75	451	93.6	230/460	45.0	
	1800	324JP	SPJPM4110T	12,735	PD4	33.83	720	95.0	230/460	48.0	

Cast iron frame

Red catalog number indicates **NEW** product

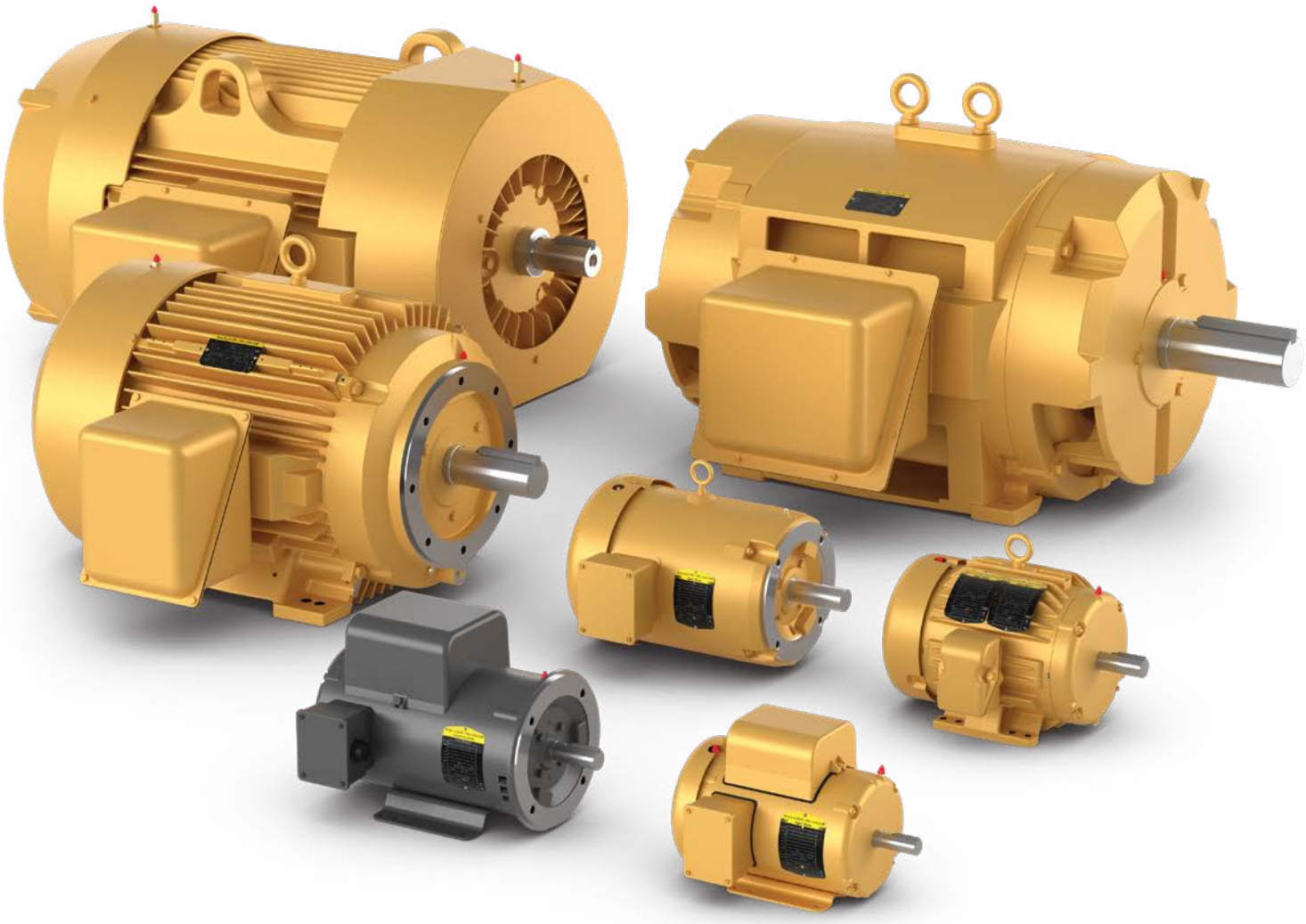
Super Premium SP4 Severe duty, Close-coupled pump, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
50	3600	326JP	**SPJPM4114T**	14,167	PD4	33.83	587	94.1	230/460	56.0	
	1800	326JP	**SPJPM4115T**	14,364	PD4	33.83	720	95.4	230/460	58.0	

Cast iron frame

Red catalog number indicates **NEW** product

General Purpose Single and Three phase motors



General Purpose Single and Three phase motors

ABB's Baldor-Reliance general purpose motors are reliable and energy-efficient, meeting NEMA standards to cut costs and support sustainability. Durable and versatile, they perform well in various industrial applications, from clean to moderate environments, demonstrating high-quality engineering and long-lasting performance.



General Purpose, single phase, enclosed



General Purpose, single phase, open



General Purpose, enclosed



General Purpose, open



GNEM, General Purpose, Open



GNEM, General Purpose, enclosed

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	42-449T	48-449T
Hp	Horsepower NEMA	1/6 - 10	1/8 - 400	1/8 - 400	1/4- 450
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
	2300/4000 volts	–	–	S	A
Speed	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
	TEFC premium efficient 56-320 frame	–	–	10:1 CT / 20:1 VT	–
	TEFC premium efficient 360-400 frame	–	–	4:1 CT / 20:1 VT	–
	TEFC premium efficient 444-449 frame	–	–	2:1 CT / 20:1 VT	–
	ODP premium efficient 56-210 frame	–	–	–	10:1 CT / 20:1 VT
	ODP premium efficient 250-320 frame	–	–	–	5:1 CT / 20:1 VT
	ODP premium efficient 360-449 frame	–	–	–	2:1 CT / 20:1 VT
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	S	S	S	S
	(motors over 70 Lbs)				
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
Conduit box	Cast aluminum	S	S	S	S
	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, enclosed

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
- 100% copper windings on all ratings

Applications

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

General Purpose, single phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/12	1800	42	**L3351**	525	GE1	9.56	15	44.0	115/230	1.0	3, 30
1/8	3600	42	**L3352**	537	GE1	9.56	15	45.0	115/230	1.3	3, 30
	1800	42	**L3353**	547	GE1	9.56	16	47.0	115/230	1.6	3, 30
1/6	3600	42	**L3354**	563	GE1	9.56	16	52.0	115/230	1.6	3, 30
	1800	42	**L3355**	596	GE1	9.56	18	51.0	115/230	1.8	3, 30
		48	**L3400**	594	GE1	10.72	18	49.0	115/230	1.9	3, 30
	1200	48	**L3401**	837	GE1	10.72	23	47.0	115/230	2.3	3, 30
1/4	3600	42	**L3356**	603	GE1	9.56	18	57.0	115/230	2.0	3, 30
	1800	48	**EL3403**	744	GE1	11.35	24	74.0	115/230	1.3	1, 13, 65
		48	**L3403**	609	GE1	10.72	20	55.0	115/230	2.5	3, 30
		48	**L3403M**	698	GE1	10.72	11	55.0	115/230	2.5	3, 30
	1200	48	**L3404**	891	GE1	11.34	25	48.0	115/230	3.2	3, 30
		56	**L3500**	935	GE1	12.23	30	52.5	115/230	2.6	3, 30
1/3	3600	48	**L3405**	555	GE1	10.72	21	55.0	115/208-230	3.0	3
	1800	48	**L3406**	647	GE1	10.72	22	60.0	115/230	3.0	3, 30
		48	**L3406M**	734	GE1	10.72	22	60.0	115/230	3.0	3, 30
		56	**EL3501**	822	GE1	11.97	27	77.0	115/230	1.6	1, 13, 65
		56	**L3501**	626	GE1	11.34	22	60.0	115/230	3.0	3, 30
		56	**L3501M**	734	GE1	11.34	22	60.0	115/230	3.0	3, 30
	1200	48	**L3407**	980	GE1	11.34	27	54.0	115/230	3.7	3, 30
		56	**L3502**	980	GE1	11.97	28	54.0	115/230	3.7	3, 30
1/2	3600	48	**L3408**	627	GE1	10.73	22	66.0	115/230	3.5	3, 30
		56	**EL3503**	807	GE1	11.97	23	68.0	115/230	2.5	12, 65
		56	**L3503**	627	GE1	11.35	23	66.0	115/230	3.5	3, 30
	1800	48	**L3409**	718	GE1	11.34	26	68.0	115/230	3.7	3, 30
		48	**L3409M**	863	GE1	11.34	26	68.0	115/230	3.7	3, 30

Cast iron frame

General Purpose, single phase, TEFC, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/2	1800	56	**EL3504**	970	GE1	11.97	30	78.5	115/230	2.3	1, 12, 65
		56	**L3504**	734	GE1	11.97	27	68.0	115/230	3.7	3, 30
		56	**L3504A**	878	GE1	11.97	27	68.0	115/230	3.7	3, 30
		56	**L3504M**	863	GE1	11.97	27	68.0	115/230	3.7	3, 30
	1200	56H	**L3505**	1,388	GE1	12.91	43	62.0	115/230	4.0	3, 30, 36
3/4	3600	56	**EL3506**	907	GE1	11.97	29	72.0	115/230	3.9	12, 65
		56	**L3506**	706	GE1	11.97	28	66.0	115/230	4.8	3, 30
	1800	56	**EL3507**	1,179	GE1	13.25	44	82.5	115/208-230	3.1	1, 12, 65
		56	**L3507**	845	GE1	12.47	33	72.0	115/230	4.2	30, 65
		56	**L3507A**	1,059	GE1	12.47	35	74.0	115/230	4.1	30, 65
		56	**L3507M**	1,013	GE1	12.47	33	74.0	115/230	4.1	30, 65
	1200	56H	**L3508**	1,607	GE1	12.93	44	74.0	115/230	4.2	2, 30, 36, 65
		143T	**L3508T**	1,581	GE1	13.29	46	74.0	115/230	4.2	2, 30, 65
1	3600	56/56H	**L3509**	818	GE1	12.93	37	68.0	115/230	5.9	3, 30, 36
		56/56H	**L3509M**	925	GE1	12.91	40	66.0	115/230	6.0	3, 36
		56H	**EL3509**	1,047	GE1	12.91	38	74.0	115/208-230	4.7	12, 65
	1800	56/56H	**L3510M**	1,149	GE1	12.91	38	67.0	115/230	6.5	3, 30, 36
		56H	**EL3510**	1,355	GE1	12.91	45	78.0	115/230	4.8	1, 36, 65
		56H	**L3510**	958	GE1	12.91	41	74.0	115/230	6.3	3, 30, 36
		56H	**L3510A**	1,191	GE1	12.91	40	67.0	115/230	6.5	3, 30, 36
		143T	**L3510T**	978	GE1	13.29	39	74.0	115/230	6.3	3, 30
		143T	**L3510TM**	1,149	DPS	13.29	40	67.0	115/230	6.5	3, 30
1 1/2	3600	56/56H	**L3513**	1,097	GE1	12.91	41	70.0	115/230	8.0	3, 30, 36
		56/56H	**L3513M**	1,255	GE1	12.91	46	70.0	115/230	7.5	2, 3, 36
		143T	**L3513T**	1,075	GE1	13.29	43	70.0	115/230	8.0	3, 30
	1800	56/56H	**L3514A**	1,411	GE1	13.79	48	75.5	115/230	8.0	2, 36, 65
		56H	**EL3514**	1,543	GE1	13.79	58	80.0	115/230	6.1	1, 36, 65
		56H	**L3514**	1,107	GE1	13.81	49	80.0	115/230	6.1	30, 36, 65
		56H	**L3514M**	1,298	GE1	13.81	51	80.0	115/208-230	5.5	2, 36, 65
		145T	**EL3514T**	1,543	GE1	14.16	58	80.0	115/230	6.1	1, 65
		145T	**L3514T**	1,123	GE1	14.16	44	80.0	115/208-230	6.1	65
		145T	**L3514TM**	1,298	DPS	14.16	49	80.0	115/208-230	5.5	2, 65
	1200	184T	**L3613T**	2,934	GE1	16.56	77	73.0	115/230	8.2	1, 30, 65
2	3600	56/56H	**L3515**	1,400	GE1	13.79	52	74.0	115/230	11.5	1, 3, 30, 36
		56/56H	**L3515M**	1,466	GE1	13.79	52	74.0	115/230	11.5	2, 3, 36
		143T	**EL3515T**	1,810	GE1	14.16	65	77.0	115/208-230	8.3	1, 65
		145T	**L3515T**	1,411	GE1	14.16	52	74.0	115/230	11.5	1, 3, 30
	1800	145T	**L3516T**	1,793	GE1	15.53	51	80.0	115/230	7.9	1, 65
		182T	**EL3605T**	2,109	GE1	16.56	66	82.5	115/230	8.8	1, 65
		182T	**L3605T**	1,602	GE1	16.56	67	75.5	115/230	11.5	3, 30
		182T	**L3605TM**	1,955	GO1	16.56	73	75.0	115/230	11.0	2, 3
3	3600	182T	**EL3606T**	1,969	GE1	16.56	79	82.0	115/230	12.4	2, 65
		182T	**L3606T**	1,655	GE1	16.56	74	76.0	115/230	14.5	1, 3, 30
	1800	184T	**L3609T**	1,885	GE1	16.56	80	78.0	115/230	14.0	2, 20, 30, 65
230 volt											
3	1800	184T	**EL3609T**	2,462	GE1	18.06	89	85.5	230	11.8	1, 65
5	3600	184T	**EL3608T**	2,714	GE1	18.06	91	85.0	230	19.4	2, 20, 65

Cast iron frame

General Purpose, single phase, TEFC, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230 volt											
5	3600	184T	**L3608T**	2,276	GE1	18.06	88	83.0	230	19.5	2, 20, 65
	1800	184T	**EL3612T**	2,936	GE1	18.06	97	86.5	230	19.1	2, 20, 65
		213T	**L3708T**	2,251	GE1	19.02	116	84.0	230	20.5	1, 30, 65
		213T	**L3708TM**	2,643	GO1	19.02	135	82.0	230	21.5	2, 65
7 1/2	3600	213T	**L3709T**	2,931	GE1	17.89	123	83.0	230	33.0	2, 30, 65
	1800	215T	**L3710T**	2,972	GE1	19.02	134	86.5	230	29.0	2, 20, 30, 65
10	3600	215T	**L3711T**	3,593	GE1	19.02	148	82.0	230	40.0	2, 20, 65
	1800	215T	**L3712T**	3,647	GE1	20.52	158	86.5	230	38.0	2, 20, 65
15	1800	254T	**L1177T**	10,387	GE1	23.36	307	86.5	230	60.0	2, 20, 65
		256T	**L3912T**	9,328	GE1	24.56	300	86.5	208-230	58.0	

Cast iron frame

General Purpose, single phase, TEFC, C-face foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/4	1800	56C	**CL3403**	644	GE1	11.35	20	55.0	115/208-230	2.5	3
1/3	3600	56C	**CL3405**	642	GE1	11.35	21	55.0	115/208-230	3.0	3
	1800	56C	**CL3501**	672	GE1	11.35	23	60.0	115/208-230	3.0	3, 30
1/2	3600	56C	**CL3503**	673	GE1	11.35	23	66.0	115/208-230	3.2	3, 30
	1800	56C	**CL3504**	785	GE1	11.35	28	68.0	115/208-230	3.7	3, 30
3/4	3600	56C	**CL3506**	749	GE1	11.97	29	66.0	115/208-230	4.8	3, 30
	1800	56C	**CL3507**	937	GE1	12.47	34	72.0	115/208-230	4.2	30, 65
1	3600	56C	**CL3509**	866	GE1	12.23	36	68.0	115/208-230	5.9	3, 30
	1800	56C	**CL3510**	1,057	GE1	13.23	40	74.0	115/230	6.3	3, 30
1 1/2	3600	56C	**CL3513**	1,121	GE1	13.23	46	70.0	115/208-230	7.5	3, 30
	1800	56C	**CL3514**	1,255	GE1	14.10	51	80.0	115/230	6.1	30, 65
2	3600	56C	**CL3515**	1,446	GE1	14.10	50	74.0	115/208-230	11.5	1, 3, 30
		145TC	**CL3515T**	1,457	GE1	14.16	53	74.0	115/208-230	11.5	1, 3, 30
230 volt											
7 1/2	3600	213TC	**CL3709T**	3,343	GE1	18.63	126	83.0	208-230	33.0	2, 20, 65
	1800	215TC	**CL3710T**	3,384	GE1	19.75	127	86.5	208-230	29.0	2, 20, 30, 65
10	3600	215TC	**CL3711T**	4,265	GE1	19.75	167	82.0	208-230	40.0	2, 20
	1800	215TC	**CL3712T**	4,316	GE1	21.25	171	86.5	208-230	38.0	2, 20

General Purpose, single phase, TEFC, C-face footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/6	1800	56C	**KL3400**	626	GE1	11.97	19	49.0	115/230	1.9	3, 30
	1200	56C	**KL3401**	876	GE1	11.97	24	47.0	115/230	2.3	3, 30
1/4	1800	56C	**KL3403**	644	GE1	11.97	20	55.0	115/230	2.5	3, 30
1/3	3600	56C	**KL3405**	594	GE1	11.97	24	55.0	115/208-230	3.0	3
	1800	56C	**VL3501**	659	GE1	11.97	22	60.0	115/230	3.0	3, 30
1/2	3600	56C	**VL3503**	667	GE1	11.35	23	66.0	115/230	3.5	3, 30
	1800	56C	**VL3504**	771	GE1	11.97	27	68.0	115/230	3.7	3, 30
	1200	56C	**VL3505**	1,426	GE1	13.25	43	62.0	115/230	4.0	3, 30
3/4	3600	56C	**VL3506**	741	GE1	11.97	29	66.0	115/230	4.8	3, 30
		56C	**VL3506A**	818	GE1	11.97	28	66.0	115/230	4.8	3
	1800	56C	**VL3507**	883	GE1	12.47	33	72.0	115/230	4.2	1, 30, 65
	1200	56C	**VL3508**	1,640	GE1	13.23	44	74.0	115/230	4.2	2, 30, 65
1	3600	56C	**VL3509**	853	GE1	12.25	36	68.0	115/230	5.9	3, 30
		56C	**VL3509A**	932	GE1	13.25	41	66.0	115/230	6.0	3
	1800	56C	**VL3510**	1,011	GE1	13.25	40	74.0	115/230	6.3	3, 30
		143TC	**VL3510T**	1,011	GE1	13.29	44	74.0	115/230	6.3	3, 30
1 1/2	3600	56C	**VL3513**	1,108	GE1	13.25	40	70.0	115/230	8.0	3, 30
		143TC	**VL3513T**	1,177	GE1	13.29	41	70.0	115/230	8.0	3, 30
	1800	56C	**VL3514**	1,146	GE1	14.12	48	80.0	115/230	6.1	30, 65
		145TC	**VL3514T**	1,159	GE1	14.17	50	80.0	115/230	6.1	30, 65
2	3600	56C	**VL3515**	1,419	GE1	14.12	50	74.0	115/208-230	11.5	1, 3
		145TC	**VL3515T**	1,446	GE1	14.16	51	74.0	115/230	11.5	1, 3, 30
	1800	182TC	**VL3605T**	2,048	GE1	16.55	66	75.5	115/230	11.5	3, 30
3	3600	182TC	**VL3606T**	2,286	GE1	16.55	73	76.0	115/230	14.5	1, 3, 30
	1800	184TC	**VL3609T**	2,419	GE1	16.55	79	78.0	115/230	14.0	2, 20, 30, 65

General Purpose, single phase, 50Hz, TEFC, foot mounted

All motors listed are specifically designed for operation with 50Hz power
CE Certified and Compliant to EU efficiency regulations



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
110/220 volt, 50HZ											
1/3	1500	56	**L3501-50**	741	5E1	11.97	25	68.5	110/220	2.0	1
1/2	3000	56	**L3503-50**	725	5E1	11.97	27	69.5	110/220	2.5	
	1500	48	**L3409-50**	843	5E1	11.35	31	72.7	110/220	2.5	
		56	**L3504-50**	843	5E1	11.97	32	72.7	110/220	2.5	
3/4	3000	56	**L3506-50**	809	5E1	13.23	35	74.1	110/220	3.6	
	1500	56	**L3507-50**	1,001	5E1	13.23	38	77.1	110/220	3.5	
1	3000	56	**L3509-50**	940	5E1	13.23	40	77.4	110/220	4.7	
	1500	56	**L3510-50**	1,151	5E1	14.10	47	79.6	110/220	4.6	
1 1/2	3000	56	**L3513-50**	1,238	5E1	14.10	48	79.6	110/220	6.2	1
	1500	56	**L3514-50**	1,301	5E1	15.48	46	81.4	110/220	6.2	
		145T	**L3514T-50**	1,301	5E1	15.53	51	81.4	110/220	6.2	
2	3000	56	**L3515-50**	1,610	5E1	15.48	53	81.3	110/220	8.3	1
	1500	182T	**L3605T-50**	1,839	5E1	18.06	76	82.8	110/220	9.2	
3	1500	184T	**L3609T-50**	2,165	5E1	18.06	95	84.3	110/220	12.0	2
5	1500	213T	**L3708T-50**	2,589	5E1	19.02	119	86.3	110/220	20.4	2

General Purpose, single phase, 50Hz, TEFC, C-face footless

All motors listed are specifically designed for operation with 50Hz power
CE Certified and Compliant to EU efficiency regulations



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
110/220 volt, 50HZ											
1/3	1500	56C	**VL3501-50**	813	5E1	11.97	17	68.5	110/220	2.0	1
1/2	3000	56C	**VL3503-50**	738	5E1	13.35	25	69.5	110/220	2.5	
	1500	56C	**VL3504-50**	942	5E1	11.97	31	72.7	110/220	2.5	
3/4	3000	56C	**VL3506-50**	850	5E1	13.23	35	74.1	110/220	3.6	
	1500	56C	**VL3507-50**	1,116	5E1	13.23	39	77.1	110/220	3.5	
1	3000	56C	**VL3509-50**	1,000	5E1	13.23	40	77.4	110/220	4.7	
	1500	56C	**VL3510-50**	1,278	5E1	14.10	47	79.6	110/220	4.6	
1 1/2	3000	56C	**VL3513-50**	1,286	5E1	14.10	48	79.6	110/220	6.5	1
1 1/2	1500	56C	**VL3514-50**	1,444	5E1	15.48	51	81.4	110/220	6.2	
2	3000	56C	**VL3515-50**	1,632	5E1	15.48	52	81.3	110/220	8.3	1

General Purpose, single phase, open
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
- 100% copper windings on all ratings

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

General Purpose, single phase, ODP, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/6	1800	48	**L1200**	494	GO1	9.13	18	49.0	115/230	1.9	30
	1200	48	**L1201**	757	GO1	9.38	23	47.0	115/230	2.3	30
1/4	1800	48	**EL11203**	678	GO1	9.76	19	68.5	115/230	1.3	15
		48	**EL11203M**	723	GO1	9.76	19	68.5	115/230	1.3	15
	1200	48	**EL11204**	809	GO1	9.76	25	64.0	115/230	1.5	15
		56	**EL11300**	841	GO1	10.13	25	64.0	115/230	1.5	15
1/3	3600	48	**EL11205**	716	GO1	9.76	24	70.5	115/230	1.5	15
	1800	48	**EL11206**	729	GO1	9.76	27	72.4	115/230	1.7	15
		48	**EL11206M**	774	GO1	9.76	27	72.4	115/230	1.7	15
		56	**EL11301**	729	GO1	10.13	27	72.4	115/230	1.7	15
		56	**EL11301M**	774	GO1	10.13	27	72.4	115/230	1.7	15
	1200	48	**EL11207**	863	GO1	9.76	27	68.0	115/230	1.9	15
		56	**EL11302**	863	GO1	10.13	30	68.0	115/230	1.9	15
1/2	3600	48	**EL11208**	762	GO1	9.76	24	72.4	115/230	2.5	15
		56	**EL11303**	762	GO1	10.13	24	72.4	115/230	2.5	15
	1800	48	**EL11209**	818	GO1	10.63	32	76.2	115/230	2.4	15
		48	**EL11209M**	863	GO1	10.63	32	76.2	115/230	2.2	15
		56	**EL11304**	818	GO1	11.00	32	76.2	115/230	2.4	15
		56	**EL11304A**	863	GO1	11.00	32	76.2	115/230	2.3	15
	1200	56H	**EL11305**	1,296	GO1	11.75	46	75.3	115/230	2.8	15
3/4	3600	56	**EL11306**	797	GO1	11.00	39	76.2	115/230	3.3	15
		56	**EL11306A**	841	GO1	11.00	39	76.2	115/230	3.3	15
	1800	56	**EL11307**	975	GO1	12.07	39	82.5	115/230	3.1	15
		56	**EL11307A**	1,019	GO1	12.07	39	81.8	115/230	3.4	15
		56	**EL11307M**	1,019	GO1	12.07	39	81.8	115/230	3.4	15

General Purpose, single phase, ODP, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
3/4	1200	56H	**EL11308**	1,459	GO1	12.62	47	81.5	115/208-230	3.2	15
1	3600	56	**EL11309**	935	GO1	12.07	43	82.0	115/230	3.9	15
		56	**EL11309A**	978	GO1	12.07	43	82.0	115/230	3.9	15
	1800	56H	**EL11318**	1,123	GO1	11.75	44	82.6	115/230	4.4	15
		56H	**EL11318M**	1,166	GO1	11.75	44	82.6	115/230	4.5	15
		143T	**L1318T**	995	GO1	12.13	43	74.0	115/230	6.3	30
		143T	**L1318TM**	1,037	DPS	12.13	42	68.0	115/230	6.4	2
1 1/2	3600	56H	**EL11313**	1,062	GO1	12.62	52	82.0	115/230	5.9	15
		56H	**EL11313A**	1,107	GO1	12.63	52	82.0	115/230	5.9	15
		143T	**L1313T**	942	GO1	11.13	36	70.0	115/230	8.9	30
	1800	56H	**EL11319**	1,337	GO1	14.00	59	83.8	115/230	5.8	15
		56H	**EL11319M**	1,446	GO1	14.00	59	83.8	115/230	6.2	15
		145T	**EL1319T**	1,485	GO1	13.00	50	83.8	115/208-230	5.8	1, 65
		145T	**L1319T**	1,060	GO1	12.13	42	66.0	115/230	9.3	30
		145T	**L1321T**	1,273	GO1	14.38	49	75.5	115/230	7.8	30
		145T	**L1321TM**	1,382	DPS	13.00	48	70.0	115/208-230	9.6	
2	3600	56H	**EL11317**	1,174	GO1	14.00	66	82.9	115/230	7.8	15
		56H	**EL11317A**	1,219	GO1	14.00	66	82.9	115/230	7.8	15
		143T	**L1320T**	1,342	GO1	12.13	46	71.0	115/230	11.5	30, 65
	1800	145T	**L1322T**	1,298	GO1	14.38	49	78.5	115/208-230	8.2	65
		145T	**L1322TM**	1,413	GO1	13.00	45	78.5	115/230	9.2	65
		182T	**EL1405T**	1,797	GO1	15.87	65	82.5	115/230	8.8	1, 65
		182T	**L1405T**	1,332	GO1	15.00	66	71.0	115/230	12.0	30
3	3600	182T	**EL1406T**	1,892	GO1	15.00	70	81.0	115/230	12.3	65
		182T	**L1406T**	1,526	GO1	15.00	65	78.0	115/230	14.0	30
	1800	184T	**L1408T**	1,442	GO1	15.00	76	78.0	115/230	16.0	30, 65
230 volt											
3	1800	184T	**EL1408T**	1,880	GO1	16.50	81	85.5	208-230	11.2	1, 65
5	3600	184T	**EL1409T**	2,246	GO1	15.00	79	81.5	230	20.0	65
		184T	**L1409T**	1,816	GO1	15.00	78	75.0	230	23.0	30
	1800	184T	**EL1410T**	2,147	GO1	18.00	97	86.5	230	19.1	1, 65
		184T	**L1410T**	1,517	GO1	16.49	81	82.5	230	21.0	1, 30, 65
		184T	**L1430T**	1,564	GO1	16.53	78	84.0	230	20.6	1, 30, 65
		184T	**L1430TM**	2,063	GO1	16.55	82	80.0	230	24.0	1, 30, 65
		213T	**L1508T**	2,251	GO1	16.32	108	77.0	230	27.0	
7 1/2	3600	213T	**L1509T**	2,806	GO1	18.36	94	82.5	230	30.0	1, 30, 65
	1800	215T	**L1510T**	2,442	GO1	17.45	134	85.5	230	31.0	30, 65
10	3600	215T	**L1511T**	3,539	GO1	17.45	131	83.0	230	46.0	1, 30
	1800	215T	**L1512T**	3,563	GO1	17.45	132	85.5	230	39.0	65

General Purpose, single phase, ODP, C-face foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/3	1800	56C	**CEL11301**	779	GO1	10.74	27	72.4	115/230	1.7	15
1/2	3600	56C	**CEL11303**	812	GO1	10.74	24	72.4	115/230	2.5	15
	1800	56C	**CEL11304**	868	GO1	11.62	32	76.2	115/230	2.4	15
3/4	1800	56C	**CEL11307**	1,024	GO1	12.06	39	82.5	115/230	3.1	15
1	1800	56C	**CEL11310**	1,172	GO1	12.06	44	82.6	115/230	4.4	15

General Purpose, single phase, ODP, C-face footless

- ODP motors retain IP rating when mounted in horizontal position only.



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/6	1800	56C	**KL1200**	530	GO1	11.22	19	49.0	115/230	1.9	30
1/4	1800	56C	**KEL11203**	728	GO1	11.85	22	68.5	115/230	1.3	15
1/3	3600	56C	**KEL11205**	766	GO1	11.85	24	70.5	115/208-230	1.5	15
		56C	**KEL11205A**	810	GO1	12.66	24	70.5	115/230	1.5	15
	1800	56C	**VEL11301**	779	GO1	11.85	27	72.4	115/230	1.7	15
		56C	**VEL11301A**	823	GO1	11.00	27	72.4	115/230	1.7	15
1/2	3600	56C	**VEL11303**	812	GO1	11.85	24	72.4	115/230	2.5	15
		56C	**VEL11303A**	823	GO1	11.85	24	72.4	115/230	2.4	15
	1800	56C	**VEL11304**	868	GO1	12.73	32	76.2	115/230	2.4	15
		56C	**VEL11304A**	912	GO1	12.51	32	76.2	115/230	2.3	15
	1200	56C	**VEL11305**	1,345	GO1	13.23	42	75.3	115/230	2.8	15
3/4	3600	56C	**VEL11306**	846	GO1	14.04	39	76.2	115/230	3.3	15
		56C	**VEL11306A**	891	GO1	14.04	39	76.2	115/230	3.3	15
	1800	56C	**VEL11307**	1,024	GO1	13.22	44	82.5	115/230	3.1	15
		56C	**VEL11307A**	1,069	GO1	12.74	39	81.8	115/230	3.4	15
	1200	56C	**VEL11308**	1,508	GO1	14.12	47	81.5	115/230	3.2	15
1	3600	56C	**VEL11309**	985	GO1	13.22	43	82.0	115/230	3.9	15
		56C	**VEL11309A**	1,029	GO1	13.22	43	82.0	115/230	3.9	15
	1800	56C	**VEL11318**	1,172	GO1	13.23	44	82.6	115/230	4.4	15
		56C	**VEL11318A**	1,217	GO1	12.74	44	82.6	115/230	4.2	15
1 1/2	3600	56C	**VEL11313**	1,113	GO1	14.10	52	82.0	115/230	5.9	15, 30
		56C	**VEL11313A**	1,158	GO1	14.10	52	82.0	115/230	5.9	15
	1800	56C	**VEL11319**	1,386	GO1	15.48	59	83.8	115/230	5.8	15
		145TC	**VL1321T**	1,311	GO1	15.54	48	75.5	115/230	7.8	30
2	3600	56C	**VEL11317**	1,223	GO1	15.47	66	82.9	115/230	7.8	15
		56C	**VEL11317A**	1,268	GO1	15.47	66	82.9	115/230	7.8	15
	1800	145TC	**VL1322T**	1,335	GO1	15.54	49	78.5	115/208-230	8.2	65
3	3600	182TC	**VL1406T**	1,622	GO1	15.18	61	75.5	115/230	13.6	30, 65
	1800	184TC	**VL1408T**	1,642	GO1	16.55	78	78.0	115/230	16.0	30, 65

General Purpose, single phase, 50Hz, ODP, foot mounted

- All motors listed are specifically designed for operation with 50Hz power
- CE Certified and Compliant to EU efficiency regulations



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
110/220 volt, 50HZ											
1/3	3000	48	**L1205-50**	548	5O1	9.76	22	71.0	110/220	1.7	
	1500	48	**L1206-50**	667	5O1	9.76	24	68.5	110/220	2.0	
1/2	3000	48	**L1208-50**	603	5O1	9.76	25	74.0	110/220	2.4	
	1500	48	**L1209-50**	837	5O1	10.63	28	72.7	110/220	2.6	
		56	**L1304-50**	759	5O1	11.00	29	72.7	110/220	2.6	
3/4	3000	56	**L1306-50**	734	5O1	11.00	28	75.5	110/220	3.4	
	1500	56	**L1307-50**	937	5O1	12.07	38	77.1	110/220	3.5	
1	3000	56	**L1309-50**	772	5O1	11.50	34	77.4	110/220	4.5	
	1500	56	**L1318-50**	1,143	5O1	12.94	42	79.6	110/220	4.6	2
1 1/2	3000	56	**L1313-50**	1,084	5O1	12.94	43	82.5	110/220	6.1	
	1500	56	**L1319-50**	1,317	5O1	14.32	41	81.4	110/220	6.2	2
2	3000	56	**L1317-50**	1,444	5O1	14.32	47	84.0	110/220	8.1	2
	1500	182T	**L1405T-50**	1,531	5O1	16.50	66	82.8	110/220	9.2	2
220 volt, 50HZ											
3	1500	184T	**L1408T-50**	1,655	5O1	16.50	91	84.3	220	12.0	
5	1500	213T	**L1508T-50**	2,589	5O1	18.20	112	86.3	220	20.4	2

General Purpose, enclosed
1/8 thru 400 Hp

IP44*

Features
- 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 NEMA Premium® efficient motors
- 100% copper windings on all ratings

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

General Purpose, three phase, totally enclosed, foot mounted

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



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
200 volt												
1	1800	143T	TEFC	**EM3546T-8**	1,215	GE3	12.31	35	85.5	200	3.6	1, 68
1 1/2	1800	145T	TEFC	**EM3554T-8**	1,350	GE3	13.31	43	86.5	200	4.9	1, 68
2	1800	145T	TEFC	**EM3558T-8**	1,428	GE3	13.31	46	86.5	200	6.7	1, 68
3	3600	182T	TEFC	**EM3660T-8**	1,805	GE3	15.24	82	86.5	200	8.8	1, 68
	1800	182T	TEFC	**EM3611T-8**	1,466	GE3	16.55	72	89.5	200	9.7	1, 68
		182T	TEFC	**EM3661T-8**	1,856	GE3	15.24	96	89.5	200	9.5	1, 68
5	3600	184T	TEFC	**EM3663T-8**	2,221	GE3	15.24	88	88.5	200	13.3	1, 68
	1800	184T	TEFC	**EM3615T-8**	1,513	GE3	18.04	93	89.5	200	15.2	1, 68
		184T	TEFC	**EM3665T-8**	1,899	GE3	15.24	108	89.5	200	15.1	1, 68
7 1/2	3600	213T	TEFC	**EM3769T-8**	2,570	GE3	18.45	155	89.5	200	21.0	1, 68
	1800	213T	TEFC	**EM3710T-8**	2,183	GE3	19.01	133	91.7	200	21.4	1, 68
		213T	TEFC	**EM3770T-8**	2,477	GE3	18.45	170	91.7	200	21.4	1, 68
10	3600	215T	TEFC	**EM3771T-8**	3,013	GE3	18.45	182	90.2	200	26.8	1, 68
	1800	215T	TEFC	**EM3714T-8**	2,465	GE3	20.51	165	91.7	200	28.6	1, 68
		215T	TEFC	**EM3774T-8**	2,778	GE3	18.45	189	91.7	200	28.0	1, 68
15	3600	254T	TEFC	**EM2394T-8**	4,150	GE3	23.36	240	91.0	200	40.0	1, 68
	1800	254T	TEFC	**EM2333T-8**	3,797	GE3	23.36	255	92.4	200	42.0	1, 30, 68
20	3600	256T	TEFC	**EM4106T-8**	4,555	GE3	23.36	242	91.0	200	52.0	1, 24, 69
	1800	256T	TEFC	**EM2334T-8**	4,604	GE3	23.36	292	93.0	200	55.0	1, 24, 30, 69
25	3600	284TS	TEFC	**EM4107T-8**	5,943	GE3	24.77	281	91.7	200	66.0	1, 24, 69
	1800	284T	TEFC	**EM4103T-8**	6,022	GE3	27.76	382	93.6	200	71.0	1, 24, 69
30	3600	286TS	TEFC	**EM4108T-8**	7,061	GE3	24.77	375	91.7	200	76.0	1, 24, 69
	1800	286T	TEFC	**EM4104T-8**	7,143	GE3	27.76	413	93.6	200	84.0	1, 24, 69

Cast iron frame

General Purpose, three phase, totally enclosed, foot mounted

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

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
200 volt												
40	1800	326T	TEFC	**EM4110T-8**	9,342	GE3	30.28	574	94.1	200	111.0	1, 24, 69
50	1800	326T	TEFC	**EM4115T-8**	10,208	GE3	30.28	621	94.5	200	131.0	1, 24, 69
230/460 volt												
1/8	1800	42	TEFC	**M3353**	619	GE3	9.56	16	44.0	230/460	0.5	30, 38
1/6	1800	42	TEFC	**M3355**	701	GE3	9.56	17	62.0	230/460	0.6	13, 30, 38
	1200	48	TEFC	**M3452**	723	GE3	10.73	17	57.5	230/460	0.6	13, 30, 38
1/4	1800	48	TEFC	**M3454**	512	GE3	10.73	19	62.0	230/460	0.6	13, 30, 38
		48	TENV	**NM3454**	537	GE3	9.62	20	68.0	230/460	0.5	1, 13, 30, 38
		56	TENV	**NM3454/35**	863	GE3	11.06	28	70.0	230/460	0.8	1, 30, 48
	1200	48	TEFC	**M3455**	805	GE3	10.73	18	68.0	230/460	0.7	13, 30, 38
		48	TENV	**NM3455**	741	GE3	9.62	19	68.0	230/460	0.7	30, 38
		56	TEFC	**M3531**	797	GE3	11.35	23	68.0	230/460	0.7	13, 30, 38
	900	56	TEFC	**M3532**	1,161	GE3	12.23	28	55.0	208-230/460	1.1	13
1/3	3600	48	TENV	**M3457**	520	GE3	9.62	20	72.0	230/460	0.7	13, 30, 38
	1800	48	TEFC	**M3458**	624	GE3	10.72	21	68.0	230/460	0.7	13, 30, 38
		56	TEFC	**M3534**	560	GE3	11.35	21	68.0	230/460	0.7	13, 30, 38
		56	TENV	**NM3534**	601	GE3	10.25	23	70.0	230/460	0.7	1, 13, 30, 38
	1200	56	TEFC	**M3535**	896	GE3	11.35	22	70.0	230/460	0.9	13, 30, 38
	900	56	TEFC	**M3536**	1,265	GE3	12.23	29	59.5	208-230/460	1.1	13
1/2	3600	48	TEFC	**M3460**	603	GE3	10.73	19	72.0	230/460	0.8	12, 30, 38
		56	TEFC	**M3537**	603	GE3	11.35	19	72.0	230/460	0.8	12, 30, 38
	1800	48	TEFC	**M3461**	731	GE3	10.73	22	75.5	230/460	0.8	12, 30, 38
		56	TEFC	**EM3538**	965	GE3	12.22	29	81.5	230/460	1.0	1, 30
		56	TEFC	**M3538**	570	GE3	11.35	23	75.5	230/460	0.8	12, 30, 38
		56	TEFC	**M3538/35**	825	GE3	12.22	25	81.5	208-230/460	1.0	1, 48
		56	TENV	**NM3538**	697	GE3	10.88	25	75.5	230/460	0.9	1, 12, 30, 38
		56	TENV	**NM3538/35**	841	GE3	11.06	27	81.5	230/460	1.0	1, 30, 48
	1200	56	TEFC	**M3539**	965	GE3	11.35	24	72.0	230/460	1.2	30, 38
		56	TENV	**NM3539**	1,060	GE3	12.06	40	78.5	230/460	1.0	30
	900	56H	TEFC	**M3560**	1,419	GE3	12.91	38	70.0	208-230/460	1.2	36
3/4	3600	48	TEFC	**M3463**	664	GE3	10.73	21	74.0	230/460	1.3	12, 30, 38
		56	TEFC	**M3541**	664	GE3	11.35	21	74.0	230/460	1.3	12, 30, 38
	1800	48	TEFC	**M3464**	790	GE3	10.73	25	75.5	208-230/460	1.5	12, 38
		56	TEFC	**M3542**	685	GE3	11.35	25	75.5	208-230/460	1.5	12, 38
		56	TENV	**NM3542**	741	GE3	11.06	29	82.5	230/460	1.2	1, 12, 30
	1200	56	TEFC	**M3543**	985	GE3	12.84	32	77.0	208-230/460	1.5	38
		143T	TEFC	**M3543T**	985	GE3	13.41	33	77.0	208-230/460	1.5	38
	900	145T	TEFC	**M3562T**	1,805	GE3	14.17	51	72.0	208-230/460	1.6	1, 30
1	3600	56	TEFC	**EM3545**	1,056	GE3	12.23	37	77.0	230/460	1.4	1, 12, 30
	1800	56	TEFC	**EM3546**	1,079	GE3	12.23	35	85.5	230/460	1.6	1, 30
		56	TENV	**ENM3546**	1,215	GE3	12.06	39	85.5	230/460	1.7	1, 30
		143T	TEFC	**EM3546T**	1,079	GE3	12.31	35	85.5	230/460	1.6	1, 30
		143T	TEFC	**EM3581T**	1,503	GE3	12.54	51	85.5	230/460	1.6	1, 30
		143T	TENV	**ENM3546T**	1,215	GE3	12.12	39	85.5	230/460	1.7	1, 30
	1200	56	TEFC	**EM3556**	1,393	GE3	13.23	42	82.5	230/460	1.5	1, 30

Cast iron frame

General Purpose, three phase, totally enclosed, foot mounted

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

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1	1200	145T	TEFC	**EM3556T**	1,393	GE3	13.31	42	82.5	230/460	1.5	1, 30
		145T	TEFC	**EM3582T**	1,685	GE3	12.53	56	82.5	230/460	1.5	1, 30
	900	182T	TEFC	**EM3617T**	2,294	GE3	16.54	65	75.5	230/460	2.3	1, 30
1 1/2	3600	56	TEFC	**EM3550**	1,195	GE3	12.23	35	84.0	230/460	1.9	1, 30
		143T	TEFC	**EM3550T**	1,195	GE3	12.29	36	84.0	230/460	1.9	1, 30
		143T	TEFC	**EM3583T**	1,591	GE3	12.54	52	84.0	230/460	1.9	1, 30
	1800	56	TEFC	**EM3554**	1,199	GE3	13.23	40	86.5	230/460	2.3	1, 30
		145T	TEFC	**EM3554T**	1,199	GE3	13.28	41	86.5	230/460	2.3	1, 30
		145T	TEFC	**EM3584T**	1,559	GE3	12.54	57	86.5	230/460	2.3	1, 30
		145T	TENV	**ENM3554T**	1,350	GE3	13.00	50	86.5	230/460	2.3	1, 30
	1200	182T	TEFC	**EM3607T**	1,629	GE3	16.55	73	87.5	230/460	2.4	1, 30
		182T	TEFC	**EM3667T**	2,004	GE3	15.24	93	87.5	230/460	2.5	1, 30
	900	184T	TEFC	**EM3618T**	2,717	GE3	18.04	82	78.5	230/460	3.0	1, 30
2	3600	56	TEFC	**EM3555**	1,309	GE3	13.23	42	85.5	230/460	2.5	1, 30
		143T	TEFC	**EM3555T**	1,309	GE3	13.29	43	85.5	230/460	2.5	1, 30
		145T	TEFC	**EM3586T**	1,670	GE3	12.54	59	85.5	230/460	2.5	1, 30
	1800	56	TEFC	**EM3558**	1,268	GE3	13.23	46	86.5	230/460	2.8	1, 30
		145T	TEFC	**EM3558T**	1,268	GE3	13.28	45	86.5	230/460	2.8	1, 30
		145T	TEFC	**EM3587T**	1,635	GE3	12.54	58	86.5	230/460	2.8	1, 30
	1200	184T	TEFC	**EM3614T**	1,708	GE3	18.05	93	88.5	230/460	3.5	1, 30
		184T	TEFC	**EM3664T**	2,037	GE3	15.24	108	88.5	230/460	3.2	1, 30
	900	213T	TEFC	**EM3702T**	3,440	GE3	17.89	110	84.0	230/460	3.5	1, 30
3	3600	56H	TEFC	**EM3559**	1,434	GE3	13.78	50	86.5	230/460	3.6	1, 30
		145T	TEFC	**EM3559T**	1,434	GE3	14.17	49	86.5	230/460	3.6	1, 30
		182T	TEFC	**EM3610T**	1,452	GE3	15.16	50	86.5	230/460	3.6	1, 30
		182T	TEFC	**EM3660T**	1,805	GE3	15.24	84	86.5	230/460	3.7	1, 30
	1800	182	TEFC	**EM3611**	2,001	DPL	15.67	70	89.5	230/460	4.2	1, 30
		182T	TEFC	**EM3611T**	1,301	GE3	16.55	73	89.5	230/460	4.2	1, 30
		182T	TEFC	**EM3661T**	1,856	GE3	15.24	97	89.5	230/460	4.1	1, 30
	1200	213T	TEFC	**EM3704T**	2,221	GE3	19.02	134	89.5	230/460	4.6	1, 30
		213T	TEFC	**EM3764T**	2,538	GE3	18.45	173	89.5	230/460	4.5	1, 30
	900	215T	TEFC	**EM3705T**	3,759	GE3	19.01	111	86.5	230/460	5.2	1, 30
5	3600	184T	TEFC	**EM3613T**	1,610	GE3	16.55	75	88.5	230/460	5.8	1, 30
		184T	TEFC	**EM3663T**	2,221	GE3	15.23	99	88.5	230/460	5.8	1, 30
	1800	184T	TEFC	**EM3615T**	1,344	GE3	18.05	92	89.5	230/460	6.7	1, 30
		184T	TEFC	**EM3665T**	1,899	GE3	15.24	107	89.5	230/460	6.6	1, 30
	1200	215T	TEFC	**EM3708T**	2,510	GE3	20.52	154	89.5	230/460	7.2	1, 30
		215T	TEFC	**EM3768T**	2,944	GE3	18.45	195	89.5	230/460	7.4	1, 30
	900	254T	TEFC	**EM2280T**	5,982	GE3	23.36	256	86.5	230/460	8.6	1, 30
7 1/2	3600	184T	TEFC	**EM3616T**	2,124	GE3	18.05	98	89.5	230/460	8.4	1, 30
		213T	TEFC	**EM3709T**	2,412	GE3	17.89	116	89.5	230/460	9.0	1, 30
		213T	TEFC	**EM3769T**	2,570	GE3	18.45	165	89.5	230/460	9.2	1, 30
	1800	213T	TEFC	**EM3710T**	1,938	GE3	19.02	133	91.7	230/460	9.5	1, 30
		213T	TEFC	**EM3770T**	2,477	GE3	18.45	170	91.7	230/460	9.5	1, 30
	1200	254T	TEFC	**EM2276T**	4,197	GE3	23.36	289	91.0	230/460	11.0	1, 30

Cast iron frame

General Purpose, three phase, totally enclosed, foot mounted

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

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
7 1/2	900	256T	TEFC	**EM2401T**	6,597	GE3	23.36	294	86.5	230/460	12.1	1, 30
10	3600	215T	TEFC	**EM3711T**	2,445	GE3	17.89	120	90.2	230/460	11.6	1, 30
		215T	TEFC	**EM3771T**	3,013	GE3	18.45	182	90.2	230/460	11.7	1, 30
	1800	215T	TEFC	**EM3714T**	2,188	GE3	20.52	162	91.7	230/460	12.5	1, 30
		215T	TEFC	**EM3774T**	2,778	GE3	18.45	191	91.7	230/460	12.3	1, 30
	1200	256T	TEFC	**EM2332T**	4,790	GE3	23.36	290	91.0	230/460	14.1	1, 30
	900	284T	TEFC	**EM2402T**	7,659	GE3	27.76	400	89.5	230/460	14.6	1, 30
15	3600	215T	TEFC	**EM3713T**	3,450	GE3	20.52	172	91.0	230/460	17.0	1, 30
		254T	TEFC	**EM2394T**	4,150	GE3	23.36	241	91.0	230/460	17.5	1, 30
	1800	254T	TEFC	**EM2333T**	3,371	GE3	23.36	267	92.4	230/460	18.1	1, 30
	1200	284T	TEFC	**EM4100T**	6,389	GE3	27.76	342	91.7	230/460	21.0	1, 30
	900	286T	TEFC	**EM2395T**	10,651	GE3	27.76	455	89.5	230/460	23.0	1, 30
20	3600	256T	TEFC	**EM4106T**	4,555	GE3	23.36	255	91.0	230/460	23.0	1, 30
	1800	256T	TEFC	**EM2334T**	4,087	GE3	23.36	309	93.0	230/460	24.0	1, 30
		256T	TEFC	**EM2334T-12**	5,174	GE3	23.36	291	93.0	230/460	24.0	1, 30
	1200	286T	TEFC	**EM4102T**	8,507	GE3	27.76	420	91.7	230/460	27.0	1, 30
	900	324T	TEFC	**EM4112T**	12,111	GE3	30.28	534	90.2	230/460	30.0	1, 30
25	3600	256T	TEFC	**EM4118T**	5,312	GE3	23.36	305	91.7	230/460	29.0	1, 30
		284TS	TEFC	**EM4107T**	5,943	GE3	24.77	283	91.7	230/460	29.0	1, 30
	1800	284T	TEFC	**EM4103T**	5,345	GE3	27.76	425	93.6	230/460	31.0	1, 30
		284T	TEFC	**EM4103T-12**	6,926	GE3	27.63	400	93.6	230/460	31.0	1, 25, 30
	1200	324T	TEFC	**EM4111T**	9,625	GE3	30.44	493	93.0	230/460	32.0	1, 30
	900	326T	TEFC	**EM4116T**	14,958	GE3	30.28	578	90.2	230/460	38.0	1, 30
30	3600	286TS	TEFC	**EM4108T**	7,061	GE3	24.77	347	91.7	230/460	34.0	1, 30
	1800	286T	TEFC	**EM4104T**	6,340	GE3	27.76	437	93.6	230/460	38.0	1, 30
		286T	TEFC	**EM4104T-12**	8,047	GE3	27.76	425	93.6	230/460	36.0	1, 25
	1200	326T	TEFC	**EM4117T**	11,120	GE3	30.28	655	93.0	230/460	39.0	1, 30
	900	364T	TEFC	**EM4338T**	16,635	GE3	33.44	813	92.4	230/460	39.3	1, 30
40	3600	324TS	TEFC	**EM4109T**	9,677	GE3	28.94	551	92.4	230/460	45.0	1, 30
	1800	324T	TEFC	**EM4110T**	8,291	GE3	30.28	570	94.1	230/460	48.0	1, 30
		324T	TEFC	**EM4110T-12**	10,743	GE3	30.28	601	94.1	230/460	48.0	1, 25, 30
	1200	364T	TEFC	**EM4308T**	13,855	GE3	33.48	899	94.1	230/460	49.8	1, 30
	900	365T	TEFC	**EM4348T**	20,633	GE3	33.47	875	93.0	230/460	52.0	1, 30
50	3600	326TS	TEFC	**EM4114T**	10,586	GE3	28.84	586	93.0	230/460	56.0	1, 30
	1800	326T	TEFC	**EM4115T**	9,058	GE3	30.28	640	94.5	230/460	58.0	1, 30
		326T	TEFC	**EM4115T-12**	11,609	GE3	30.28	652	94.5	230/460	58.0	1, 25
		326TS	TEFC	**EM4115TS**	10,208	GE3	28.84	639	94.5	230/460	58.0	1, 30
	1200	365T	TEFC	**EM4312T**	16,742	GE3	33.48	840	94.1	230/460	62.0	1, 30
	900	404T	TEFC	**EM4458T**	25,336	GE3	38.20	1216	93.0	230/460	63.0	1, 30
60	3600	364TS	TEFC	**EM4310T**	14,873	GE3	31.36	810	94.5	230/460	65.4	1
	1800	364T	TEFC	**EM4314T**	13,071	GE3	33.48	912	95.0	230/460	70.0	1, 30
		364T	TEFC	**EM4314T-12**	16,890	GE3	33.48	850	95.0	230/460	70.0	1, 25
		364TS	TEFC	**EM4314TS**	14,687	GE3	31.36	907	95.0	230/460	70.0	1, 30
	1200	404T	TEFC	**EM4403T**	20,322	GE3	38.04	1204	95.0	230/460	69.0	1
	900	405T	TEFC	**EM4468T**	29,260	GE3	38.20	1186	93.0	230/460	76.0	1

Cast iron frame

General Purpose, three phase, totally enclosed, foot mounted

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

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
75	3600	365TS	TEFC	**EM4313T**	17,302	GE3	31.36	1203	93.6	230/460	80.7	1
	1800	365T	TEFC	**EM4316T**	15,284	GE3	33.48	901	95.4	230/460	86.0	1, 30
		365T	TEFC	**EM4316T-12**	19,750	GE3	33.48	955	95.4	230/460	86.0	1, 25
		365TS	TEFC	**EM4316TS**	17,173	GE3	31.36	946	95.4	230/460	86.0	1
	1200	405T	TEFC	**EM4404T**	23,664	GE3	38.04	1229	95.0	230/460	86.9	1
100	1800	405T	TEFC	**EM4400T**	18,927	GE3	38.04	1203	95.4	230/460	112.0	1
		405T	TEFC	**EM4400T-12**	24,527	GE3	38.04	1211	95.4	230/460	112.0	1, 25
		405TS	TEFC	**EM4400TS**	21,328	GE3	35.04	1218	95.4	230/460	112.0	1
460 volt												
100	3600	405TS	TEFC	**EM4402T-4**	22,121	GE3	35.04	1209	95.0	460	110.0	1, 25
	1200	444T	TEFC	**EM4409T-4**	28,561	GE3	44.75	1828	95.0	460	119.0	1
125	3600	444TS	TEFC	**EM4412T-4**	27,343	GE3	40.83	1901	95.0	460	137.0	1
	1800	444T	TEFC	**EM4410T-4**	23,541	GE3	44.75	1882	95.4	460	144.0	1, 25
		444T	TEFC	**EM4410TR-4**	28,423	GE3	44.75	1988	95.4	460	144.0	1, 5
		444TS	TEFC	**EM4410TS-4**	26,401	GE3	41.21	2001	95.4	460	144.0	1
	1200	445T	TEFC	**EM4411T-4**	33,600	GE3	44.75	2073	95.0	460	146.0	1, 25
150	3600	445TS	TEFC	**EM4413T-4**	32,173	GE3	41.08	1995	95.0	460	164.0	1
	1800	445T	TEFC	**EM4406T-4**	26,951	GE3	44.75	1998	95.8	460	169.0	1, 25
		445T	TEFC	**EM4406TR-4**	32,392	GE3	44.75	1826	95.8	460	169.0	1, 5, 25
		445TS	TEFC	**EM4406TS-4**	30,369	GE3	41.08	2071	95.8	460	169.0	1
	1200	447T	TEFC	**EM44156T-4**	38,486	GE3	48.24	2571	95.8	460	170.0	1, 25
200	3600	447TS	TEFC	**EM4416T-4**	38,558	GE3	44.48	2234	95.4	460	216.0	1
	1800	447T	TEFC	**EM4407T-4**	38,069	GE3	48.24	2497	96.2	460	222.0	1, 25
		447T	TEFC	**EM4407TR-4**	40,091	GE3	48.24	2531	96.2	460	222.0	1, 5
		447TS	TEFC	**EM4407TS-4**	38,069	GE3	44.48	2376	96.2	460	222.0	1
	1200	449T	TEFC	**EM44206T-4**	47,483	GE3	53.24	3017	95.8	460	225.0	1
250	3600	449TS	TEFC	**EM44252T-4**	60,041	GE3	49.71	2595	95.8	460	268.0	1
	1800	449T	TEFC	**EM4408T-4**	49,922	GE3	53.21	2888	96.2	460	276.0	1, 25
		449T	TEFC	**EM4408TR-4**	51,944	GE3	53.21	2888	96.2	460	276.0	1, 5
		449TS	TEFC	**EM4408TS-4**	49,922	GE3	49.46	2888	96.2	460	276.0	1, 25
	1200	449T	TEFC	**EM44256T-4**	69,422	GE3	53.21	3125	95.8	460	285.0	1, 25
300	3600	449TS	TEFC	**EM44302T-4**	87,107	GE3	49.47	2593	95.8	460	324.0	1
	1800	449T	TEFC	**EM44304T-4**	68,590	GE3	53.24	2888	96.2	460	327.0	1
		449TS	TEFC	**EM44304TS-4**	68,590	GE3	49.47	2763	96.2	460	327.0	1
	1200	L449T	TEFC	**EM44306T-4**	82,360	GE3	60.21	3626	95.8	460	340.0	1
350	3600	449TS	TEFC	**EM44352T-4**	104,553	GE3	49.47	2767	95.8	460	377.0	1
	1800	449T	TEFC	**EM44354T-4**	82,564	GE3	53.24	3027	96.2	460	389.0	1
		449TS	TEFC	**EM44354TS-4**	82,564	GE3	49.47	3027	96.2	460	389.0	1
400	3600	L449TS	TEFC	**EM44402T-4**	122,319	GE3	56.72	3649	96.2	460	420.0	
	1800	L449T	TEFC	**EM44404T-4**	102,800	GE3	60.21	3701	96.2	460	436.0	
575 volt												
1/3	1800	56	TEFC	**M3534-5**	560	GE3	11.35	20	68.0	575	0.6	1, 13, 38
1/2	3600	56	TEFC	**M3537-5**	603	GE3	11.35	19	68.0	575	0.8	1, 12, 38
	1800	56	TEFC	**M3538-5**	641	GE3	11.35	22	74.0	575	0.8	1, 12, 38
	1200	56	TEFC	**M3539-5**	965	GE3	11.35	23	72.0	575	1.0	1, 12, 38

Cast iron frame

General Purpose, three phase, totally enclosed, foot mounted

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

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
575 volt												
3/4	3600	56	TEFC	**M3541-5**	664	GE3	11.35	21	74.0	575	1.0	1, 12, 38
	1800	56	TEFC	**M3542-5**	685	GE3	11.35	26	75.5	575	1.2	1, 12, 38
	1200	56H	TEFC	**M3543-5**	985	GE3	12.84	33	77.0	575	1.2	38
		143T	TEFC	**M3543T-5**	985	GE3	13.41	34	77.0	575	1.2	1, 38
1	3600	56	TEFC	**EM3545-5**	1,056	GE3	12.23	27	77.0	575	1.1	12
	1800	56	TEFC	**EM3546-5**	1,079	GE3	13.22	38	85.5	575	1.3	1
		143T	TEFC	**EM3546T-5**	1,079	GE3	13.28	34	85.5	575	1.3	1
	1200	56H	TEFC	**EM3556-5**	1,393	GE3	12.91	41	82.5	575	1.4	
		145T	TEFC	**EM3556T-5**	1,393	GE3	13.31	40	82.5	575	1.4	1
1 1/2	3600	143T	TEFC	**EM3550T-5**	1,195	GE3	12.29	36	84.0	575	1.5	1
	1800	56	TEFC	**EM3554-5**	1,199	GE3	13.23	41	86.5	575	1.7	1
		143T	TEFC	**EM3554T-5**	1,199	GE3	13.28	42	86.5	575	1.7	1
	1200	182T	TEFC	**EM3607T-5**	1,629	GE3	16.55	73	87.5	575	1.9	1
2	3600	56H	TEFC	**EM3555-5**	1,309	GE3	12.91	41	85.5	575	2.0	
		143T	TEFC	**EM3555T-5**	1,309	GE3	13.29	43	85.5	575	2.0	1
	1800	56H	TEFC	**EM3558-5**	1,268	GE3	12.91	45	86.5	575	2.2	1
		145T	TEFC	**EM3558T-5**	1,268	GE3	13.31	46	86.5	575	2.2	1
	1200	184T	TEFC	**EM3614T-5**	1,708	GE3	18.05	90	88.5	575	2.8	
3	3600	56H	TEFC	**EM3559-5**	1,434	GE3	13.78	50	86.5	575	2.9	1
		143T	TEFC	**EM3559T-5**	1,434	GE3	14.17	60	86.5	575	2.9	1
		182T	TEFC	**EM3610T-5**	1,452	GE3	15.16	56	86.5	575	2.9	1
	1800	182T	TEFC	**EM3611T-5**	1,301	GE3	16.55	73	89.5	575	3.3	1
		182T	TEFC	**EM3661T-5**	1,856	GE3	15.24	97	89.5	575	3.3	1
	1200	213T	TEFC	**EM3704T-5**	2,221	GE3	19.01	129	89.5	575	3.7	1
5	3600	184T	TEFC	**EM3613T-5**	1,610	GE3	16.54	75	88.5	575	4.7	1
	1800	184T	TEFC	**EM3615T-5**	1,344	GE3	18.05	89	89.5	575	5.3	1
		184T	TEFC	**EM3665T-5**	1,899	GE3	15.24	108	89.5	575	5.3	1
	1200	215T	TEFC	**EM3708T-5**	2,510	GE3	20.51	154	89.5	575	5.8	1
7 1/2	3600	184T	TEFC	**EM3616T-5**	2,124	GE3	18.05	98	89.5	575	6.8	1
		213T	TEFC	**EM3709T-5**	2,412	GE3	17.89	115	89.5	575	7.0	1
	1800	213T	TEFC	**EM3710T-5**	1,938	GE3	19.02	123	91.7	575	7.6	1
		213T	TEFC	**EM3770T-5**	2,477	GE3	18.45	170	91.7	575	7.5	1
10	3600	215T	TEFC	**EM3711T-5**	2,445	GE3	17.89	119	90.2	575	9.5	1
	1800	215T	TEFC	**EM3714T-5**	2,188	GE3	20.52	165	91.7	575	9.8	1
		215T	TEFC	**EM3774T-5**	2,778	GE3	18.45	185	91.7	575	9.8	1
15	3600	215T	TEFC	**EM3713T-5**	3,450	GE3	20.52	169	91.0	575	13.6	1
		254T	TEFC	**EM2394T-5**	4,150	GE3	23.36	245	91.0	575	14.1	1
	1800	254T	TEFC	**EM2333T-5**	3,371	GE3	23.36	258	92.4	575	14.6	1
20	3600	256T	TEFC	**EM4106T-5**	4,555	GE3	23.36	252	91.0	575	18.0	1
	1800	256T	TEFC	**EM2334T-5**	4,087	GE3	23.36	290	93.0	575	19.2	1
25	3600	284TS	TEFC	**EM4107T-5**	5,943	GE3	24.77	335	91.7	575	23.0	1
	1800	284T	TEFC	**EM4103T-5**	5,345	GE3	27.76	380	93.6	575	24.0	1
30	3600	286TS	TEFC	**EM4108T-5**	7,061	GE3	24.77	331	91.7	575	28.0	1
	1800	286T	TEFC	**EM4104T-5**	6,340	GE3	27.76	408	93.6	575	29.0	1
40	3600	324TS	TEFC	**EM4109T-5**	9,677	GE3	28.84	522	92.4	575	37.0	1

Cast iron frame

General Purpose, three phase, totally enclosed, foot mounted

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

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
575 volt												
40	1800	324T	TEFC	**EM4110T-5**	8,291	GE3	30.28	566	94.1	575	39.0	1
50	3600	326TS	TEFC	**EM4114T-5**	10,586	GE3	28.84	574	93.0	575	45.0	1
	1800	326T	TEFC	**EM4115T-5**	9,058	GE3	30.28	623	94.5	575	46.0	1
60	1800	364T	TEFC	**EM4314T-5**	13,071	GE3	33.48	919	95.0	575	55.0	1
75	1800	365T	TEFC	**EM4316T-5**	15,284	GE3	33.48	907	95.4	575	69.0	1
100	1800	405T	TEFC	**EM4400T-5**	18,927	GE3	38.04	1208	95.4	575	89.6	1
125	1800	444T	TEFC	**EM4410T-5**	23,429	GE3	44.75	1669	95.4	575	115.0	1
150	1800	445T	TEFC	**EM4406T-5**	26,951	GE3	44.75	2151	95.8	575	135.0	1

Cast iron frame

General Purpose, three phase, totally enclosed, C-face foot mounted

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



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
200 volt												
1/2	1800	56C	TEFC	**CM3538-8**	779	GE3	11.35	23	74.0	200	2.2	12, 38
1	1800	56C	TEFC	**CEM3546-8**	1,261	GE3	12.23	38	85.5	200	3.6	1
230/460 volt												
1/4	1800	56C	TENV	**CNM3454/35**	863	GE3	11.06	31	70.0	230/460	0.8	1, 30, 48
	1200	56C	TENV	**CNM3531**	1,097	GE3	11.06	31	72.0	208-230/460	0.8	13
1/3	3600	56C	TENV	**CNM3457**	634	GE3	10.25	21	72.0	208-230/460	0.7	30, 38
	1800	56C	TEFC	**CM3534**	620	GE3	11.35	21	68.0	230/460	0.7	13, 30, 38
1/2	3600	56C	TEFC	**CM3537**	645	GE3	11.35	20	72.0	230/460	0.8	12, 30, 38
	1800	56C	TEFC	**CM3538**	611	GE3	11.35	23	75.5	230/460	0.8	12, 30, 38
		56C	TENV	**CNM3538/35**	883	GE3	11.06	28	81.5	230/460	1.0	1, 30, 48
	1200	56C	TEFC	**CM3539**	1,008	GE3	11.35	23	72.0	230/460	1.2	12, 30, 38
		56C	TENV	**CNM3539**	1,077	GE3	12.06	40	78.5	230/460	1.0	30
3/4	3600	56C	TEFC	**CM3541**	705	GE3	11.35	22	74.0	230/460	1.3	12, 30, 38
	1800	56C	TEFC	**CM3542**	726	GE3	11.35	26	75.5	208-230/460	1.5	12, 38
		56C	TENV	**CNM3542**	792	GE3	11.06	31	82.5	230/460	1.2	30
	1200	56C	TEFC	**CM3543**	1,028	GE3	12.85	23	77.0	208-230/460	1.5	30, 38
1	3600	56C	TEFC	**CEM3545**	1,102	GE3	12.22	33	77.0	230/460	1.4	1, 12, 30
	1800	56C	TEFC	**CEM3546**	1,261	GE3	12.23	36	85.5	230/460	1.6	1, 30
		56C	TENV	**CENM3546**	1,261	GE3	12.06	38	85.5	230/460	1.7	30
		143TC	TEFC	**CEM3546T**	1,135	GE3	13.29	36	85.5	230/460	1.6	1, 30
		143TC	TEFC	**CEM3581T**	1,610	GE3	13.04	54	85.5	230/460	1.6	1, 30
	1200	56C	TEFC	**CEM3556**	1,439	GE3	13.23	41	82.5	230/460	1.5	30
		143TC	TEFC	**CEM3556T**	1,456	GE3	13.29	43	82.5	230/460	1.5	1, 30
1 1/2	3600	56C	TEFC	**CEM3550**	1,242	GE3	12.22	37	84.0	230/460	1.9	1, 30
		143TC	TEFC	**CEM3550T**	1,258	GE3	13.29	40	84.0	230/460	1.9	1, 30
		143TC	TEFC	**CEM3583T**	1,698	GE3	13.04	55	84.0	230/460	1.9	1, 30
	1800	56C	TEFC	**CEM3554**	1,397	GE3	13.23	45	86.5	230/460	2.3	
		145TC	TEFC	**CEM3554T**	1,255	GE3	13.29	42	86.5	230/460	2.3	1, 30
		145TC	TEFC	**CEM3584T**	1,666	GE3	13.03	60	86.5	230/460	2.3	1, 30
	1200	182TC	TEFC	**CEM3607T**	1,747	GE3	16.55	77	87.5	230/460	2.4	1, 30
2	3600	56C	TEFC	**CEM3555**	1,355	GE3	13.23	46	85.5	230/460	2.5	1, 30
		143TC	TEFC	**CEM3555T**	1,372	GE3	13.29	44	85.5	230/460	2.5	1, 30
		143TC	TEFC	**CEM3586T**	1,777	GE3	13.04	60	85.5	208-230/460	2.5	1, 30
	1800	56C	TEFC	**CEM3558**	1,474	GE3	13.23	46	86.5	230/460	2.8	1, 30
		145TC	TEFC	**CEM3558T**	1,324	GE3	13.29	46	86.5	230/460	2.8	1, 30
		145TC	TEFC	**CEM3587T**	1,742	GE3	13.04	62	86.5	230/460	2.8	1, 30
	1200	184TC	TEFC	**CEM3614T**	1,826	GE3	18.05	97	88.5	230/460	3.5	1, 30
		184TC	TEFC	**CEM3664T**	2,200	GE3	15.98	115	88.5	230/460	3.2	1, 30
3	3600	56C	TEFC	**CEM3559**	1,480	GE3	14.10	50	86.5	230/460	3.6	1, 30
		143TC	TEFC	**CEM3559T**	1,497	GE3	14.17	52	86.5	230/460	3.6	1, 30
		182TC	TEFC	**CEM3610T**	1,571	GE3	15.18	50	86.5	230/460	3.6	1, 30

Cast iron frame

General Purpose, three phase, totally enclosed, C-face foot mounted

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

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
3	3600	182TC	TEFC	**CEM3660T**	1,968	GE3	15.98	90	86.5	230/460	3.8	1, 30
	1800	182TC	TEFC	**CEM3611T**	1,406	GE3	16.55	75	89.5	230/460	4.2	1, 30
		182TC	TEFC	**CEM3661T**	2,019	GE3	15.98	104	89.5	230/460	4.1	1, 30
	1200	213TC	TEFC	**CEM3704T**	2,450	GE3	19.76	141	89.5	230/460	4.6	1, 30
		213TC	TEFC	**CEM3764T**	2,860	GE3	19.20	173	89.5	230/460	4.5	1, 30
5	3600	184TC	TEFC	**CEM3613T**	1,729	GE3	16.55	78	88.5	230/460	5.8	1, 30
		184TC	TEFC	**CEM3663T**	2,384	GE3	15.98	91	88.5	230/460	5.8	1, 30
	1800	184TC	TEFC	**CEM3615T**	1,449	GE3	18.05	93	89.5	230/460	6.7	1, 30
		184TC	TEFC	**CEM3665T**	2,062	GE3	15.98	114	89.5	230/460	6.6	1, 30
	1200	215TC	TEFC	**CEM3708T**	2,738	GE3	21.26	161	89.5	230/460	7.2	1, 30
		215TC	TEFC	**CEM3768T**	3,267	GE3	19.20	190	89.5	230/460	7.4	1, 30
7 1/2	3600	184TC	TEFC	**CEM3616T**	2,243	GE3	18.05	101	89.5	230/460	8.4	1, 30
		213TC	TEFC	**CEM3709T**	2,641	GE3	18.63	120	89.5	230/460	9.0	1, 30
		213TC	TEFC	**CEM3769T**	2,893	GE3	19.20	155	89.5	230/460	9.0	1, 30
	1800	213TC	TEFC	**CEM3710T**	2,142	GE3	19.76	154	91.7	230/460	9.5	1, 30
		213TC	TEFC	**CEM3770T**	2,799	GE3	19.20	170	91.7	230/460	9.5	1, 30
	1200	254TC	TEFC	**CEM2276T**	4,743	GE3	23.86	303		230/460	10.7	30
10	3600	215TC	TEFC	**CEM3711T**	2,674	GE3	18.63	121	90.2	230/460	11.6	1, 30
		215TC	TEFC	**CEM3771T**	3,336	GE3	19.20	182	90.2	230/460	11.7	1, 30
	1800	215TC	TEFC	**CEM3714T**	2,391	GE3	21.26	165	91.7	230/460	12.5	1, 30
		215TC	TEFC	**CEM3774T**	3,101	GE3	19.20	195	91.7	230/460	12.3	1, 30
15	3600	215TC	TEFC	**CEM3713T**	3,679	GE3	21.26	182	91.0	230/460	17.0	1, 30
		254TC	TEFC	**CEM2394T**	5,110	GE3	23.86	250	91.0	230/460	17.5	1, 30
	1800	254TC	TEFC	**CEM2333T**	4,222	GE3	23.86	269	92.4	230/460	18.1	1, 30
	1200	284TC	TEFC	**CEM4100T**	4,654	CVS	27.76	391	91.7	230/460	21.0	
20	3600	256TC	TEFC	**CEM4106T**	5,515	GE3	23.86	265	91.0	208-230/460	23.0	1, 30
	1800	256TC	TEFC	**CEM2334T**	5,564	GE3	23.86	298	93.0	230/460	24.0	1, 30
	1200	286TC	TEFC	**CEM4102T**	5,940	CL1	27.76	437	91.7	230/460	27.0	
25	3600	284TSC	TEFC	**CEM4107T**	7,217	GE3	24.77	283	91.7	230/460	29.0	1, 30
	1800	284TC	TEFC	**CEM4103T**	7,296	GE3	27.76	430	93.6	230/460	31.0	1, 30
30	3600	286TSC	TEFC	**CEM4108T**	8,335	GE3	26.39	389	91.7	230/460	34.0	1, 30
	1800	286TC	TEFC	**CEM4104T**	8,418	GE3	27.76	515	93.6	230/460	38.0	1, 30
	1200	326TC	TEFC	**CEM4117T**	7,646	CVS	30.34	640	93.0	230/460	39.0	
40	3600	324TSC	TEFC	**CEM4109T**	11,148	GE3	28.94	600	92.4	230/460	45.0	1, 30
	1800	324TC	TEFC	**CEM4110T**	10,812	GE3	30.34	590	94.1	230/460	48.0	1, 30
50	3600	326TSC	TEFC	**CEM4114T**	12,057	GE3	28.84	591	93.0	230/460	56.0	1, 30
	1800	326TC	TEFC	**CEM4115T**	11,678	GE3	30.34	585	94.5	230/460	58.0	1, 30
60	3600	364TSC	TEFC	**CEM4310T**	16,472	GE3	31.31	830	94.5	230/460	65.4	1
	1800	364TC	TEFC	**CEM4314T**	16,286	GE3	33.44	915	95.0	230/460	70.0	1, 30
75	3600	365TSC	TEFC	**CEM4313T**	18,900	GE3	31.31	905	93.6	230/460	80.7	1
	1800	365TC	TEFC	**CEM4316T**	18,772	GE3	33.44	907	95.4	230/460	86.0	1, 30
100	1800	405TC	TEFC	**CEM4400T**	23,327	GE3	38.19	1360	95.4	230/460	112.0	1
575 volt												
1/3	1800	56C	TEFC	**CM3534-5**	620	GE3	11.35	21	68.0	575	0.6	13, 38
1/2	1800	56C	TEFC	**CM3538-5**	611	GE3	11.35	23	74.0	575	0.8	12, 38

Cast iron frame

General Purpose, three phase, totally enclosed, C-face foot mounted

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

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
575 volt												
3/4	1800	56C	TEFC	**CM3542-5**	726	GE3	11.35	26	75.5	575	1.2	12, 38
1	1800	56C	TEFC	**CEM3546-5**	1,261	GE3	13.23	38	85.5	575	1.3	1
		143TC	TEFC	**CEM3546T-5**	1,135	GE3	13.29	37	85.5	575	1.3	1
		143TC	TEFC	**CEM3581T-5**	1,610	GE3	13.03	54	85.5	575	1.2	1
1 1/2	3600	143TC	TEFC	**CEM3583T-5**	1,698	GE3	13.04	54	84.0	575	1.5	1
	1800	56C	TEFC	**CEM3554-5**	1,396	GE3	13.23	41	86.5	575	1.7	1
		145TC	TEFC	**CEM3554T-5**	1,255	GE3	13.29	42	86.5	575	1.7	1
		145TC	TEFC	**CEM3584T-5**	1,666	GE3	13.03	63	86.5	575	1.7	1
2	3600	143TC	TEFC	**CEM3586T-5**	1,777	GE3	13.04	60	85.5	575	2.0	1
	1800	56C	TEFC	**CEM3558-5**	1,474	GE3	13.23	45	86.5	575	2.2	1
		145TC	TEFC	**CEM3558T-5**	1,324	GE3	13.29	47	86.5	575	2.2	1
		145TC	TEFC	**CEM3587T-5**	1,742	GE3	13.03	61	86.5	575	2.2	1
3	3600	143TC	TEFC	**CEM3559T-5**	1,497	GE3	14.17	52	86.5	575	2.9	1
		182TC	TEFC	**CEM3610T-5**	1,571	GE3	16.53	58	86.5	575	2.9	1
		182TC	TEFC	**CEM3660T-5**	1,968	GE3	15.98	89	86.5	575	3.0	1
	1800	182TC	TEFC	**CEM3611T-5**	1,406	GE3	16.55	75	89.5	575	3.3	1
		182TC	TEFC	**CEM3661T-5**	2,019	GE3	15.98	102	89.5	575	3.3	1
5	3600	184TC	TEFC	**CEM3613T-5**	1,729	GE3	16.55	78	88.5	575	4.7	1
		184TC	TEFC	**CEM3663T-5**	2,384	GE3	15.98	95	88.5	575	4.7	1
	1800	184TC	TEFC	**CEM3615T-5**	1,449	GE3	18.05	93	89.5	575	5.3	1
		184TC	TEFC	**CEM3665T-5**	2,062	GE3	15.98	113	89.5	575	5.3	1
7 1/2	3600	213TC	TEFC	**CEM3769T-5**	2,893	GE3	19.20	179	89.5	575	7.4	1
	1800	213TC	TEFC	**CEM3710T-5**	2,142	GE3	19.76	129	91.7	575	7.6	1
		213TC	TEFC	**CEM3770T-5**	2,799	GE3	19.20	170	91.7	575	7.5	1
10	3600	215TC	TEFC	**CEM3711T-5**	2,674	GE3	18.63	123	90.2	575	9.5	1
		215TC	TEFC	**CEM3771T-5**	3,336	GE3	19.20	182	90.2	575	9.3	1
	1800	215TC	TEFC	**CEM3714T-5**	2,391	GE3	21.26	165	91.7	575	9.6	1
		215TC	TEFC	**CEM3774T-5**	3,101	GE3	19.20	231	91.7	575	9.8	1
15	3600	215TC	TEFC	**CEM3713T-5**	3,679	GE3	21.26	169	91.0	575	13.6	1
	1800	254TC	TEFC	**CEM2333T-5**	4,222	GE3	23.86	275	92.4	575	14.6	1
20	3600	256TC	TEFC	**CEM4106T-5**	5,515	GE3	23.86	280	91.0	575	18.0	1
	1800	256TC	TEFC	**CEM2334T-5**	5,564	GE3	23.86	289	93.0	575	19.2	1
25	1800	284TC	TEFC	**CEM4103T-5**	7,296	GE3	27.76	401	93.6	575	24.0	1
30	1800	286TC	TEFC	**CEM4104T-5**	8,418	GE3	27.76	449	93.6	575	31.0	1

Cast iron frame

General Purpose, three phase, totally enclosed, C-face with footless



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/4	1800	56C	TEFC	**KM3454**	542	GE3	11.35	19	62.0	230/460	0.6	12, 30, 38
		56C	TENV	**KENM3454**	845	GE3	11.06	26	70.0	230/460	0.8	30
		56C	TENV	**KNM3454**	573	GE3	10.25	18	62.0	208-230/460	0.6	2, 20, 30, 38
	1200	56C	TEFC	**VM3531**	828	GE3	11.35	20	68.0	230/460	0.7	13, 30, 38
1/3	3600	56C	TENV	**KM3457**	553	GE3	10.25	20	72.0	230/460	0.7	13, 30, 38
		56C	TENV	**KNM345 / 35**	891	GE3	11.07	29	78.5	230/460	0.5	
		56C	TENV	**KNM3457/35**	891	GE3	11.07	29	78.5	230/460	0.5	1, 13, 30, 48
	1800	56C	TEFC	**VM3534**	586	GE3	11.35	21	68.0	230/460	0.7	13, 30, 38
		56C	TENV	**KENM3534**	932	GE3	11.06	33	75.5	230/460	0.9	1, 30, 48
		56C	TENV	**KNM3534**	634	GE3	10.25	23	70.0	208-230/460	0.7	2, 30, 38
	1200	56C	TEFC	**VM3535**	930	GE3	11.35	22	70.0	230/460	0.9	13, 30, 38
		56C	TENV	**KENM3535**	1,370	GE3	12.06	35	78.5	230/460	0.9	1, 30, 48
1/2	3600	56C	TEFC	**VM3537**	636	GE3	11.35	20	72.0	230/460	0.8	12, 30, 38
		56C	TENV	**VNM3537**	894	GE3	11.06	32	77.0	230/460	0.8	1, 12, 48
	1800	56C	TEFC	**VEM3538**	1,016	GE3	12.23	31	81.5	230/460	1.0	1, 12, 30, 48
		56C	TEFC	**VM3538**	598	GE3	11.35	23	75.5	208-230/460	0.8	12, 30, 38
		56C	TENV	**VENM3538**	1,056	GE3	11.06	32	81.5	230/460	1.0	30
		56C	TENV	**VNM3538**	731	GE3	10.25	22	75.5	208-230/460	0.8	2, 20, 30, 38
	1200	56C	TEFC	**VM3539**	998	GE3	11.35	24	72.0	230/460	1.2	12, 30, 38
3/4	3600	56C	TEFC	**VM3541**	695	GE3	11.35	21	74.0	230/460	1.3	12, 30, 38
		56C	TENV	**VNM3541**	955	GE3	11.06	36	84.0	208-230/460	1.0	12, 30, 48
	1800	56C	TEFC	**VEM3542**	1,079	GE3	12.23	35	82.5	208-230/460	1.2	1, 12, 30
		56C	TEFC	**VM3542**	711	GE3	11.35	26	75.5	208-230/460	1.5	12, 30, 38
		56C	TENV	**VENM3542**	1,153	GE3	11.06	33	82.5	230/460	1.2	1, 30, 48
		56C	TENV	**VNM3542**	749	GE3	11.75	31	75.0	230/460	1.3	12, 30, 38
	1200	56C	TEFC	**VM3543**	1,021	GE3	12.85	32	77.0	208-230/460	1.5	30, 38
		143TC	TEFC	**VM3543T**	1,021	GE3	13.41	33	77.0	208-230/460	1.5	30, 38
1	3600	56C	TEFC	**VEM3545**	1,102	GE3	12.23	32	77.0	230/460	1.4	1, 12, 30
	1800	56C	TEFC	**VEM3546**	1,120	GE3	12.23	36	85.5	230/460	1.6	1, 30
		56C	TEFC	**VEM3581**	1,610	GE3	12.47	52	85.5	230/460	1.6	1, 30
		56C	TENV	**VENM3546**	1,261	GE3	12.06	38	85.5	230/460	1.7	1, 30
		143TC	TEFC	**VEM3546T**	1,135	GE3	12.29	36	85.5	230/460	1.6	1, 30
		143TC	TEFC	**VEM3581T**	1,610	GE3	13.03	54	85.5	230/460	1.6	1, 30
		143TC	TENV	**VENM3546T**	1,278	GE3	12.12	40	85.5	230/460	1.7	1, 30, 48
		143TC	TENV	**VENM3581T**	1,610	GE3	11.36	56	85.5	230/460	1.6	1, 30, 48
	1200	56C	TEFC	**VEM3556**	1,439	GE3	13.23	43	82.5	230/460	1.5	1, 30
		145TC	TEFC	**VEM3556T**	1,456	GE3	13.29	42	82.5	230/460	1.5	1, 30
1 1/2	3600	56C	TEFC	**VEM3550**	1,242	GE3	12.23	35	84.0	208-230/460	1.9	1, 30
		143TC	TEFC	**VEM3550T**	1,258	GE3	12.29	35	84.0	208-230/460	1.9	30
	1800	56C	TEFC	**VEM3554**	1,240	GE3	13.23	42	86.5	230/460	2.3	1, 30
		145TC	TEFC	**VEM3554T**	1,255	GE3	13.29	41	86.5	230/460	2.3	1, 30

Cast iron frame

General Purpose, three phase, totally enclosed, C-face with footless

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1 1/2	1800	145TC	TEFC	**VEM3584T**	1,666	GE3	13.03	60	86.5	230/460	2.3	1, 30
	1200	56C	TEFC	**VEM3557**	1,487	GE3	15.62	72	87.5	230/460	2.4	1, 30
		145TC	TEFC	**VEM3557T**	1,503	GE3	15.68	72	87.5	230/460	2.4	1, 30
2	3600	56C	TEFC	**VEM3555**	1,355	GE3	13.23	43	85.5	208-230/460	2.5	1
		143TC	TEFC	**VEM3555T**	1,372	GE3	13.29	41	85.5	208-230/460	2.5	1
	1800	56C	TEFC	**VEM3558**	1,309	GE3	13.23	46	86.5	230/460	2.8	1, 30
		145TC	TEFC	**VEM3558T**	1,324	GE3	13.29	47	86.5	230/460	2.8	1, 30
		145TC	TEFC	**VEM3587T**	1,742	GE3	13.03	59	86.5	230/460	2.8	1, 30
	1200	184TC	TEFC	**VEM3614T**	1,826	GE3	18.04	91	88.5	230/460	3.3	1, 30
		184TC	TEFC	**VEM3664T**	2,200	GE3	15.98	113	88.5	230/460	3.2	1, 30
3	3600	56C	TEFC	**VEM3559**	1,480	GE3	14.10	50	86.5	230/460	3.6	1, 30
		145TC	TEFC	**VEM3559T**	1,497	GE3	14.17	50	86.5	230/460	3.6	1, 30
		182TC	TEFC	**VEM3610T**	1,571	GE3	15.18	50	86.5	230/460	3.6	1, 30
	1800	56C	TEFC	**VEM3561**	1,429	GE3	15.62	70	89.5	230/460	4.2	1, 30
		145TC	TEFC	**VEM3561T**	1,446	GE3	15.68	70	89.5	230/460	4.2	1, 30
		182TC	TEFC	**VEM3611T**	1,406	GE3	16.54	73	89.5	230/460	4.2	1, 30
		182TC	TEFC	**VEM3661T**	2,019	GE3	15.98	98	89.5	230/460	4.1	1, 30
	1200	213TC	TEFC	**VEM3704T**	2,450	GE3	19.75	132	89.5	230/460	4.6	1, 30
5	3600	184TC	TEFC	**VEM3613T**	1,729	GE3	16.54	75	88.5	230/460	5.8	1, 30
		184TC	TEFC	**VEM3663T**	2,384	GE3	15.98	99	88.5	230/460	5.8	1, 30
	1800	184TC	TEFC	**VEM3615T**	1,449	GE3	18.04	88	89.5	230/460	6.7	1, 30
		184TC	TEFC	**VEM3665T**	2,062	GE3	15.98	109	89.5	230/460	6.6	1, 30
	1200	215TC	TEFC	**VEM3708T**	2,738	GE3	21.25	149	89.5	230/460	7.2	8, 30
7 1/2	3600	184TC	TEFC	**VEM3616T**	2,243	GE3	18.04	96	90.2	230/460	8.8	1, 30
		213TC	TEFC	**VEM3709T**	2,641	GE3	18.56	96	90.2	230/460	8.8	1, 30
	1800	213TC	TEFC	**VEM3710T**	2,412	GE3	19.75	129	91.7	230/460	9.5	1, 30
		213TC	TEFC	**VEM3770T**	2,799	GE3	19.20	170	91.7	230/460	9.5	1, 30
10	3600	215TC	TEFC	**VEM3711T**	2,674	GE3	18.63	125	90.2	208-230/460	11.9	1, 30
	1800	215TC	TEFC	**VEM3714T**	2,694	GE3	21.25	165	91.7	230/460	12.5	1, 30
		215TC	TEFC	**VEM3774T**	3,101	GE3	19.20	197	91.7	230/460	12.3	1, 30
	1200	256TC	TEFC	**VEM2332T**	5,750	GE3	23.86	315	91.0	230/460	14.1	1, 30
15	3600	215TC	TEFC	**VEM3713T**	3,679	GE3	21.26	170	91.0	230/460	17.0	1, 30
		254TC	TEFC	**VEM2394T**	5,110	GE3	20.32	225	91.0	230/460	16.9	1, 30
	1800	254TC	TEFC	**VEM2333T**	4,757	GE3	23.86	283	92.4	230/460	18.1	1, 30
20	3600	256TC	TEFC	**VEM4106T**	5,515	GE3	23.86	229	91.0	208-230/460	23.0	1, 30
	1800	256TC	TEFC	**VEM2334T**	5,564	GE3	23.86	320	93.0	230/460	24.0	1, 30
25	3600	284TSC	TEFC	**VEM4107T**	7,217	GE3	22.45	323	91.7	230/460	29.0	1, 30
	1800	284TC	TEFC	**VEM4103T**	7,296	GE3	27.76	449	93.6	230/460	31.0	1, 30
30	3600	286TSC	TEFC	**VEM4108T**	8,335	GE3	22.45	393	91.7	230/460	34.0	1, 30
	1800	286TC	TEFC	**VEM4104T**	8,418	GE3	27.76	286	93.6	230/460	38.0	1, 30
575 volt												
1/3	1800	56C	TEFC	**VM3534-5**	586	GE3	11.35	21	68.0	575	0.6	13, 38
1/2	3600	56C	TEFC	**VM3537-5**	636	GE3	11.35	19	68.0	575	0.8	12, 38
	1800	56C	TEFC	**VEM3538-5**	1,016	GE3	12.23	32	80.0	575	0.8	12
		56C	TEFC	**VM3538-5**	598	GE3	11.35	22	74.0	575	0.8	12, 38
3/4	3600	56C	TEFC	**VM3541-5**	695	GE3	11.35	21	74.0	575	1.0	12, 38
	1800	56C	TEFC	**VEM3542-5**	1,079	GE3	12.23	33	82.5	575	1.0	12

Cast iron frame

General Purpose, three phase, totally enclosed, C-face with footless

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
575 volt												
3/4	1800	56C	TEFC	**VM3542-5**	711	GE3	11.35	26	75.5	575	1.2	12, 38
1	3600	56C	TEFC	**VEM3545-5**	1,102	GE3	14.10	27	77.0	575	1.1	1, 12
	1800	56C	TEFC	**VEM3546-5**	1,120	GE3	14.10	35	85.5	575	1.3	1
		143TC	TEFC	**VEM3546T-5**	1,135	GE3	13.29	36	85.5	575	1.3	1
		143TC	TEFC	**VEM3581T-5**	1,610	GE3	13.03	53	85.5	575	1.2	1
1 1/2	3600	56C	TEFC	**VEM3550-5**	1,242	GE3	14.10	38	84.0	575	1.5	1
		143TC	TEFC	**VEM3550T-5**	1,258	GE3	12.29	35	84.0	575	1.5	1
	1800	56C	TEFC	**VEM3554-5**	1,240	GE3	14.10	50	86.5	575	1.7	1
		145TC	TEFC	**VEM3554T-5**	1,255	GE3	13.29	41	86.5	575	1.7	1
		145TC	TEFC	**VEM3584T-5**	1,666	GE3	13.03	58	86.5	575	1.7	1
2	3600	56C	TEFC	**VEM3555-5**	1,355	GE3	14.10	41	85.5	575	2.0	1
	1800	56C	TEFC	**VEM3558-5**	1,309	GE3	14.10	45	86.5	575	2.2	1
		145TC	TEFC	**VEM3558T-5**	1,324	GE3	13.29	46	86.5	575	2.2	1
		145TC	TEFC	**VEM3587T-5**	1,742	GE3	13.03	60	86.5	575	2.2	1
3	3600	56C	TEFC	**VEM3559-5**	1,480	GE3	14.10	50	86.5	575	2.9	1
		182TC	TEFC	**VEM3610T-5**	1,571	GE3	15.18	53	86.5	575	2.9	1
	1800	182TC	TEFC	**VEM3611T-5**	1,406	GE3	16.54	71	89.5	575	3.3	1
		182TC	TEFC	**VEM3661T-5**	2,019	GE3	15.98	98	89.5	575	3.3	1
5	3600	184TC	TEFC	**VEM3613T-5**	1,729	GE3	16.54	74	88.5	575	4.7	1
	1800	184TC	TEFC	**VEM3615T-5**	1,449	GE3	18.04	88	89.5	575	5.3	1
		184TC	TEFC	**VEM3665T-5**	2,062	GE3	15.98	110	89.5	575	5.3	1
7 1/2	3600	213TC	TEFC	**VEM3709T-5**	2,641	GE3	19.28	101	89.5	575	6.8	1
	1800	213TC	TEFC	**VEM3710T-5**	2,412	GE3	19.76	123	91.7	575	7.6	1
		213TC	TEFC	**VEM3770T-5**	2,799	GE3	19.20	170	91.7	575	7.5	1
10	3600	215TC	TEFC	**VEM3711T-5**	2,674	GE3	18.63	118	90.2	575	9.5	1
	1800	215TC	TEFC	**VEM3714T-5**	2,694	GE3	21.26	165	91.7	575	9.6	1
		215TC	TEFC	**VEM3774T-5**	3,101	GE3	19.20	231	91.7	575	9.8	1
15	3600	215TC	TEFC	**VEM3713T-5**	3,679	GE3	21.26	169	91.0	575	13.6	1
	1800	254TC	TEFC	**VEM2333T-5**	4,757	GE3	23.86	266	92.4	575	14.6	1
20	1800	256TC	TEFC	**VEM2334T-5**	5,564	GE3	23.86	314	93.0	575	19.2	1

Cast iron frame

General Purpose, three phase, TEFC, foot mounted F2



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1	1800	143T	TEFC	**EFM3546T**	1,215	GE3	13.29	35	85.5	230/460	1.6	1, 30
1 1/2	1800	145T	TEFC	**EFM3554T**	1,350	GE3	13.31	42	86.5	230/460	2.3	1, 30
2	1800	145T	TEFC	**EFM3558T**	1,428	GE3	13.29	41	86.5	230/460	2.8	1, 30
3	3600	182T	TEFC	**EFM3610T**	1,452	GE3	15.16	73	86.5	230/460	3.6	1, 30
	1800	182T	TEFC	**EFM3611T**	1,466	GE3	16.54	73	89.5	230/460	4.2	1, 30
5	3600	184T	TEFC	**EFM3613T**	1,610	GE3	16.54	75	88.5	230/460	5.9	1, 30
	1800	184T	TEFC	**EFM3615T**	1,513	GE3	18.04	91	89.5	230/460	6.7	1, 30
7 1/2	3600	213T	TEFC	**EFM3709T**	2,412	GE3	17.91	115	89.5	230/460	9.0	1, 30
	1800	213T	TEFC	**EFM3710T**	2,183	GE3	19.01	128	91.7	230/460	9.5	1, 30
10	3600	215T	TEFC	**EFM3711T**	2,445	GE3	17.91	119	90.2	230/460	11.6	1, 30
	1800	215T	TEFC	**EFM3714T**	2,465	GE3	20.51	165	91.7	230/460	12.5	1, 30
15	3600	254T	TEFC	**EFM2394T**	4,150	GE3	23.36	236	91.0	230/460	17.5	1, 30
	1800	254T	TEFC	**EFM2333T**	3,797	GE3	23.36	256	92.4	230/460	18.1	1, 30
	1200	284T	TEFC	**EFM4100T**	6,389	GE3	27.81	372	91.7	230/460	21.0	1, 30
20	1800	256T	TEFC	**EFM2334T**	4,604	GE3	23.36	356	93.0	230/460	24.0	1, 30
	1200	286T	TEFC	**EFM4102T**	8,507	GE3	27.81	437	91.7	230/460	27.0	1, 30
25	1800	284T	TEFC	**EFM4103T**	6,022	GE3	27.81	452	93.6	230/460	31.0	1, 30
30	1800	286T	TEFC	**EFM4104T**	7,143	GE3	27.81	408	93.6	230/460	36.0	1, 30
40	1800	324T	TEFC	**EFM4110T**	9,342	GE3	30.28	572	94.1	230/460	48.0	1, 30
	1200	364T	TEFC	**EFM4308T**	13,855	GE3	33.48	855	94.1	230/460	49.8	1, 30
50	3600	326TS	TEFC	**EFM4114T**	10,586	GE3	28.84	582	93.0	230/460	56.0	1, 30
	1800	326T	TEFC	**EFM4115T**	10,208	GE3	30.28	640	94.5	230/460	58.0	1, 30
	1200	365T	TEFC	**EFM4312T**	16,742	GE3	33.49	878	94.1	230/460	62.0	1, 30
60	1800	364T	TEFC	**EFM4314T**	14,687	GE3	33.44	901	95.0	230/460	70.0	1, 30
	1200	404T	TEFC	**EFM4403T**	20,322	GE3	38.04	1322	95.0	230/460	69.0	1, 30
75	1800	365T	TEFC	**EFM4316T**	17,173	GE3	33.44	935	95.4	230/460	86.0	1, 30
	1200	405T	TEFC	**EFM4404T**	23,664	GE3	38.04	1212	95.0	230/460	86.9	1, 30
100	1800	405T	TEFC	**EFM4400T**	18,927	GE3	38.18	1235	95.4	230/460	112.0	1, 30
460 volt												
100	1200	444T	TEFC	**EFM4409T-4**	28,561	GE3	44.75	1625	95.0	460	119.0	1

Cast iron frame

General Purpose, three phase, 50Hz, TEFC, foot mounted

- All motors listed are specifically designed for operation with 50Hz power
- CE Certified and Compliant to EU efficiency regulations



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/400 volt, 50Hz											
1/2	1500	56	**M3538-57**	734	5E3	11.35	26	73.0	230/400	1.0	
3/4	3000	56C	**M3541-57**	734	5E3	11.35	25	75.5	230/400	1.4	
	1500	56	**M3542-57**	785	5E3	12.85	32	75.5	230/400	1.8	
1	3000	56	**EM3545-57**	1,029	5E3	12.23	35	82.5	230/400	1.6	12
	1500	143T	**EM3546T-57**	1,052	5E3	12.31	34	82.5	230/400	2.0	1
1 1/2	3000	143T	**EM3550T-57**	1,194	5E3	13.29	43	85.5	230/400	2.3	
	1500	145T	**EM3554T-57**	1,070	5E3	13.31	41	84.2	230/400	2.6	1
2	3000	143T	**EM3555T-57**	1,311	5E3	14.17	50	84.2	230/400	2.9	
	1500	145T	**EM3558T-57**	1,130	5E3	13.31	45	85.5	230/400	3.1	1
3	3000	182T	**EM3610T-57**	1,671	5E3	15.16	55	85.9	230/400	4.2	1
	1500	182T	**EM3611T-57**	1,326	5E3	16.54	70	86.7	230/400	5.6	1
5	3000	184T	**EM3613T-57**	1,922	5E3	18.04	93	88.1	230/400	6.4	
	1500	184T	**EM3615T-57**	1,531	5E3	18.04	101	88.4	230/400	8.0	1
400 volt, 50Hz											
7 1/2	3000	213T	**EM3709T-58**	2,666	5E3	17.89	121	89.2	400	10.4	1
	1500	213T	**EM3710T-58**	2,124	5E3	19.01	127	89.6	400	10.8	1
10	3000	215T	**EM3711T-58**	2,827	5E3	19.01	140	90.2	400	13.1	1
	1500	215T	**EM3714T-58**	2,687	5E3	20.51	165	90.4	400	14.3	1
15	1500	254T	**EM2333T-58**	4,140	5E3	23.55	291	91.4	400	21.0	1
20	1500	256T	**EM2334T-58**	5,019	5E3	23.55	304	92.1	400	28.0	
25	1500	284T	**EM4103T-58**	6,565	5E3	27.76	437	92.6	400	37.0	
30	1500	286T	**EM4104T-58**	7,787	5E3	27.76	541	93.0	400	43.0	1
40	1500	324T	**EM4110T-58**	10,183	5E3	30.28	650	93.6	400	52.0	1
50	1500	326T	**EM4115T-58**	11,127	5E3	30.28	460	93.9	400	67.0	1
60	1500	364T	**EM4314T-58**	16,009	5E3	33.48	926	94.2	400	79.1	1

Cast iron frame

General Purpose, three phase, 50Hz, TEFC, C-face footless

All motors listed are specifically designed for operation with 50Hz power
CE Certified and Compliant to EU efficiency regulations



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/400 volt, 50Hz											
1/4	1500	56C	**KM3454-57**	594	5E3	11.35	20	64.0	230/400	0.7	
1/3	1500	56C	**VM3534-57**	672	5E3	11.35	21	74.0	230/400	0.7	
1/2	3000	56C	**VM3537-57**	729	5E3	11.35	22	72.0	230/400	1.1	
	1500	56C	**VM3538-57**	785	5E3	11.35	25	73.0	230/400	1.0	
3/4	3000	56C	**VM3541-57**	761	5E3	11.35	26	75.5	230/400	1.4	
	1500	56C	**VM3542-57**	843	5E3	12.85	32	75.5	230/400	1.8	
1	3000	56C	**VEM3545-57**	1,039	5E3	14.10	35	82.5	230/400	1.6	12
	1500	56C	**VEM3546-57**	1,029	5E3	14.10	34	82.5	230/400	2.0	1
		143TC	**VEM3546T-57**	1,029	5E3	12.29	34	82.5	230/400	2.0	1
1 1/2	3000	143TC	**VEM3550T-57**	1,130	5E3	13.29	43	85.5	230/400	2.3	
	1500	145TC	**VEM3554T-57**	1,069	5E3	13.29	41	84.2	230/400	2.6	1
2	3000	56C	**VEM3555-57**	1,121	5E3	14.10	50	84.2	230/400	2.9	
		145TC	**VEM3555T-57**	1,233	5E3	14.17	50	84.2	230/400	2.9	
	1500	145TC	**VEM3558T-57**	1,133	5E3	13.29	45	85.5	230/400	3.1	1

General Purpose, open
1/4 thru 450 Hp

IP22

Features
- 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
- Optimized airflow design providing higher horsepower in a smaller package
- 100% copper windings on all ratings

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

General Purpose, three phase, ODP, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
200 volt											
1	1800	143T	**EM3116T-8**	1,171	GO3	11.12	34	85.5	200	3.6	1, 68
1 1/2	1800	145T	**EM3154T-8**	1,223	GO3	11.62	37	86.5	200	4.9	1, 68
2	1800	143T	**EM3157T-8**	1,311	GO3	12.12	40	86.5	200	6.7	1, 68
3	3600	145T	**EM3158T-8**	1,197	GO3	13.00	51	85.5	200	8.5	1, 68
	1800	182T	**EM3211T-8**	1,413	GO3	14.99	71	89.5	200	9.7	1, 68
5	3600	182T	**EM3212T-8**	1,307	GO3	13.62	69	86.5	200	13.8	1, 68
	1800	184T	**EM3218T-8**	1,548	GO3	16.50	84	89.5	200	15.2	1, 68
7 1/2	3600	184T	**EM3219T-8**	2,073	GO3	15.00	77	88.5	200	20.0	1, 68
	1800	213T	**EM3311T-8**	2,274	GO3	16.32	114	91.0	200	23.3	1, 68
10	3600	213T	**EM3312T-8**	2,371	GO3	16.32	121	89.5	200	27.3	1, 68
	1800	215T	**EM3313T-8**	2,753	GO3	17.45	129	91.7	200	29.5	1, 68
15	3600	215T	**EM3314T-8**	3,367	GO3	16.32	131	90.2	200	39.7	1, 68
	1800	254T	**EM2513T-8**	3,898	GO3	23.19	238	93.0	200	41.0	1, 68
20	3600	254T	**EM2514T-8**	3,955	GO3	21.69	190	91.0	200	53.0	1, 24, 69
	1800	256T	**EM2515T-8**	4,276	GO3	23.19	241	93.0	200	55.0	1, 24, 69
25	3600	256T	**EM2516T-8**	4,749	GO3	21.69	220	91.7	200	65.0	1, 24, 69
	1800	284T	**EM2531T-8**	5,213	GO3	25.06	333	93.6	200	70.0	1, 24, 69
30	3600	284TS	**EM2534T-8**	5,605	GO3	22.44	320	91.7	200	80.0	1, 24, 69
	1800	286T	**EM2535T-8**	5,701	GO3	26.06	278	94.1	200	83.0	1, 24, 69
40	3600	286TS	**EM2538T-8**	7,221	GO3	22.44	323	92.4	200	105.0	1, 24, 69
	1800	324T	**EM2539T-8**	7,436	GO3	27.19	434	94.1	200	109.0	1, 24, 69
50	3600	324TS	**EM2542T-8**	7,864	GO3	25.69	390	93.0	200	129.0	1, 24, 69
	1800	326T	**EM2543T-8**	8,205	GO3	27.69	630	94.5	200	132.0	1, 24, 69

Cast iron frame

General Purpose, three phase, ODP, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
200 volt											
60	1800	364T	**EM2547T-8**	10,331	GO3	30.69	623	95.0	200	160.0	1, 24, 69
75	1800	365T	**EM2551T-8**	12,681	GO3	29.70	783	95.0	200	199.0	1, 24, 69
230/460 volt											
1/4	1800	48	**EM30003**	703	GO3	9.62	21	69.5	230/460	0.5	13, 15, 30, 38
	1200	48	**EM30004**	777	GO3	9.75	24	67.5	230/460	0.7	13, 15, 30, 38
		56	**EM31101**	777	GO3	10.25	24	67.5	230/460	0.7	13, 15, 30, 38
1/3	3600	48	**EM30006**	738	GO3	9.62	22	69.5	230/460	0.6	13, 15, 30, 38
	1800	48	**EM30007**	743	GO3	9.75	24	73.4	230/460	0.7	13, 15, 30, 38
		56	**EM31104**	743	GO3	10.25	24	73.4	230/460	0.7	13, 15, 30, 38
	1200	48	**EM30008**	813	GO3	9.75	27	71.4	230/460	0.9	13, 15, 30, 38
		56	**EM31105**	813	GO3	10.88	27	71.4	230/460	0.9	13, 15, 30, 38
1/2	3600	48	**EM30009**	794	GO3	9.62	24	73.4	230/460	0.8	12, 15, 30, 38
		56	**EM31107**	794	GO3	10.25	24	73.4	230/460	0.8	12, 15, 30, 38
	1800	48	**EM30010**	818	GO3	9.62	31	78.2	230/460	0.8	12, 15, 30, 38
		56	**EM31108**	818	GO3	11.75	31	78.2	230/460	0.8	12, 15, 30, 38
		56	**EM31108A**	929	GO3	11.75	31	78.2	230/460	0.8	12, 15, 30, 38
	1200	48	**EM30011**	894	GO3	9.75	34	75.3	230/460	1.0	12, 15, 30, 38
		56	**EM31109**	894	GO3	11.75	34	75.3	230/460	1.0	12, 15, 30, 38
	900	56	**M3160**	1,359	GO3	12.07	38	70.0	230/460	1.2	
3/4	3600	48	**EM30012**	790	GO3	9.75	22	76.8	230/460	1.2	12, 15, 30, 38
		56	**EM31111**	790	GO3	10.25	24	76.8	230/460	1.2	12, 15, 30, 38
	1800	56	**EM31112**	901	GO3	11.07	32	82.5	230/460	1.2	12, 15, 30
		56	**EM31112A**	1,011	GO3	11.07	32	81.1	208-230/460	1.0	12, 15
	1200	56	**EM31153**	1,100	GO3	12.07	39	81.7	230/460	1.6	1, 15, 30
		143T	**M3153T**	965	GO3	12.32	33	77.0	230/460	1.5	30, 38
1	3600	56	**EM31115**	810	GO3	10.88	27	77.0	230/460	1.6	12, 15, 30, 38
	1800	56	**EM31116**	948	GO3	11.07	29	85.5	230/460	1.6	1, 15, 30
		56	**EM31116A**	993	GO3	11.07	29	85.5	230/460	1.5	1, 15, 30
		143T	**EM3116T**	1,039	GO3	11.13	34	85.5	230/460	1.6	1, 30
	1200	56H	**EM31156**	1,386	GO3	11.75	41	82.5	230/460	1.5	1, 15, 30
		145T	**EM3156T**	1,197	GO3	12.13	36	82.5	230/460	1.5	1, 30
	900	182T	**EM3216T**	1,963	GO3	15.00	65	75.5	230/460	2.1	1, 30
1 1/2	3600	56	**EM31120**	837	GO3	11.07	34	84.0	230/460	2.0	1, 15, 30
		143T	**EM3120T**	1,008	GO3	11.12	33	84.0	230/460	2.0	1, 30
	1800	56	**EM31154**	1,039	GO3	12.07	36	86.5	230/460	2.3	1, 15, 30
		56	**EM31154A**	1,149	GO3	12.07	41	86.5	230/460	2.2	1, 15, 30
		145T	**EM3154T**	1,087	GO3	11.62	37	86.5	230/460	2.3	1, 30
	1200	56H	**EM31159**	1,334	GO3	14.00	54	84.0	230/460	2.5	1, 15, 30
		182T	**EM3207T**	1,401	GO3	15.00	66	86.5	230/460	2.5	1, 30
	900	184T	**EM3220T**	2,384	GO3	16.50	82	77.0	230/460	3.0	1, 30
2	3600	56	**EM31155**	942	GO3	12.07	43	85.5	230/460	2.6	1, 15, 30
		145T	**EM3155T**	1,182	GO3	11.63	41	85.5	230/460	2.5	1, 30
	1800	56H	**EM31157**	1,090	GO3	11.75	45	86.5	230/460	2.8	1, 15, 30
		145T	**EM3157T**	1,164	GO3	12.12	40	86.5	230/460	2.8	1, 30
		145T	**EM3157TA**	1,442	GO3	12.13	44	86.5	230/460	2.9	1, 30
	1200	184T	**EM3215T**	1,433	GO3	16.50	79	87.5	230/460	3.4	1, 30
	900	213T	**EM3303T**	2,944	GO3	17.45	111	86.5	208-230/460	3.5	1, 30

Cast iron frame

General Purpose, three phase, ODP, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
3	3600	56H	**EM31158**	1,056	GO3	11.75	50	85.5	230/460	3.8	1, 15, 30
		145T	**EM3158T**	1,197	GO3	13.00	46	85.5	230/460	3.8	1, 30
	1800	182T	**EM3211T**	1,255	GO3	15.00	69	89.5	230/460	4.2	1, 30
		182T	**EM3211TA**	1,545	GO3	15.00	65	89.5	230/460	4.4	1, 30
	1200	213T	**EM3305T**	1,823	GO3	16.32	107	88.5	230/460	4.5	1, 30
5	3600	182T	**EM3212T**	1,307	GO3	13.62	61	86.5	230/460	5.9	1, 30
	1800	184T	**EM3218T**	1,375	GO3	16.50	84	89.5	230/460	6.6	1, 30
		184T	**EM3218TA**	1,680	GO3	17.17	84	89.5	230/460	6.6	1, 30
	1200	215T	**EM3309T**	2,389	GO3	17.45	139	89.5	230/460	7.4	1, 30
	900	254T	**EM2504T**	4,741	GO3	23.19	240	88.5	230/460	8.0	1, 30
7 1/2	3600	184T	**EM3219T**	2,073	GO3	15.00	74	88.5	230/460	8.7	1, 30
	1800	213T	**EM3311T**	2,019	GO3	16.32	115	91.0	230/460	9.8	1, 30
	1200	254T	**EM2506T**	2,864	GO3	23.19	239	90.2	230/460	11.4	1, 30
	900	256T	**EM2508T**	5,933	GO3	24.19	260	89.5	230/460	11.7	1, 30
10	3600	213T	**EM3312T**	2,371	GO3	16.32	121	90.2	230/460	12.0	1, 30
	1800	215T	**EM3313T**	2,444	GO3	17.45	128	91.7	230/460	12.5	1, 30
	1200	256T	**EM2511T**	3,726	GO3	23.19	255	91.7	230/460	14.3	1, 30
15	3600	215T	**EM3314T**	3,367	GO3	16.32	124	90.2	230/460	17.5	1, 30
	1800	254T	**EM2513T**	3,460	GO3	23.19	250	93.0	230/460	18.2	1, 30
		254T	**EM2513T-CI**	3,710	GO3	20.62	238	93.0	230/460	17.8	1, 30
	1200	284T	**EM2524T**	5,024	GO3	23.81	278	91.7	230/460	20.5	1, 30
20	3600	254T	**EM2514T**	3,955	GO3	21.69	191	91.0	230/460	23.5	1, 30
	1800	256T	**EM2515T**	4,276	GO3	23.19	241	93.0	230/460	24.0	1, 30
		256T	**EM2515T-12**	4,846	GO3	23.19	225	93.0	230/460	24.0	1, 25, 30
		256T	**EM2515T-CI**	4,662	GO3	22.37	281	93.0	230/460	24.0	1, 30
	1200	286T	**EM2528T**	6,114	GO3	25.06	330	92.4	230/460	27.0	1, 30
25	3600	256T	**EM2516T**	4,749	GO3	21.69	222	91.7	230/460	28.0	1, 30
	1800	284T	**EM2531T**	5,213	GO3	25.06	377	93.6	230/460	29.0	1, 30
		284T	**EM2531T-12**	6,117	GO3	25.06	307	93.6	230/460	30.0	1, 25, 30
		286T	**EM2531T-CI**	5,683	GO3	24.94	400	93.6	230/460	31.0	1, 30
	1200	324T	**EM2532T**	7,385	GO3	27.69	411	93.0	230/460	34.0	1, 30
30	3600	284TS	**EM2534T**	5,605	GO3	22.44	308	91.7	230/460	35.0	1, 30
	1800	286T	**EM2535T**	5,701	GO3	26.06	378	94.1	230/460	37.0	1, 30
		286T	**EM2535T-12**	6,605	GO3	26.06	339	94.1	230/460	36.0	1, 25, 30
		286T	**EM2535T-CI**	6,213	GO3	24.94	405	94.1	230/460	38.0	1, 30
	1200	326T	**EM2536T**	7,703	GO3	28.69	380	93.6	230/460	39.0	1, 30
40	3600	286TS	**EM2538T**	7,221	GO3	22.44	329	92.4	230/460	46.0	1, 30
		286TS	**EM2538T-CI**	7,871	GO3	23.56	402	92.4	230/460	46.0	1, 30
	1800	324T	**EM2539T**	7,436	GO3	27.19	396	94.1	230/460	49.0	1, 30
		324T	**EM2539T-12**	8,838	GO3	27.19	402	94.1	230/460	47.0	1, 25, 30
		324T	**EM2539T-CI**	8,107	GO3	26.13	538	94.1	230/460	48.0	1, 30
	1200	364T	**EM2540T**	10,418	GO3	30.69	598	94.1	230/460	51.0	1, 30
		364T	**EM2540T-CI**	10,973	GO3	29.70	801	94.1	230/460	49.4	1, 30
50	3600	324TS	**EM2542T**	7,864	GO3	25.69	380	93.0	230/460	56.0	1, 30
		324TS	**EM2542T-CI**	8,918	GO3	24.63	548	93.0	230/460	56.0	1, 30
	1800	326T	**EM2543T**	8,205	GO3	27.69	467	94.5	230/460	57.0	1, 30
		326T	**EM2543T-12**	9,607	GO3	27.69	468	94.5	230/460	61.0	1, 25, 30

Cast iron frame

General Purpose, three phase, ODP, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
50	1800	326T	**EM2543T-CI**	8,946	GO3	27.63	570	94.5	230/460	60.0	1, 30
		326TS	**EM2543TS-12**	9,607	GO3	26.19	469	94.5	230/460	61.0	1, 25, 30
	1200	365T	**EM2544T**	12,582	GO3	33.72	762	94.1	230/460	62.0	1, 30
		365T	**EM2544T-CI**	13,285	GO3	29.70	722	94.1	230/460	60.3	1, 30
60	3600	326TS	**EM2546T**	9,951	GO3	25.19	457	93.6	230/460	68.0	1, 30
	1800	364T	**EM2547T**	10,331	GO3	30.69	619	95.0	230/460	68.0	1, 30
		364T	**EM2547T-12**	12,534	GO3	30.69	620	95.0	230/460	68.0	1, 25, 30
		364T	**EM2547T-CI**	11,260	GO3	29.70	745	95.0	230/460	69.5	1, 30
		364TS	**EM2547TS-12**	12,534	GO3	28.56	613	95.0	230/460	68.0	1, 25, 30
	1200	404T	**EM2548T**	15,500	GO3	34.47	654	94.5	230/460	76.0	1, 30
75	3600	364TS	**EM2549T**	13,051	GO3	25.81	502	93.6	230/460	82.0	1, 30
	1800	365T	**EM2551T**	12,681	GO3	33.72	744	95.0	230/460	85.0	1, 30
		365T	**EM2551T-12**	14,884	GO3	33.72	758	95.0	230/460	87.0	1, 25
		365T	**EM2551T-CI**	13,819	GO3	29.70	762	95.0	230/460	86.5	1, 30
		365TS	**EM2551TS-12**	14,884	GO3	31.59	749	95.0	230/460	87.0	1, 25
100	3600	365TS	**EM2550T**	13,952	GO3	27.81	562	93.6	230/460	110.0	1, 30
	1800	404T	**EM2555T**	14,752	GO3	34.47	575	95.4	230/460	118.0	1, 30
		404T	**EM2555T-12**	17,952	GO3	36.97	946	95.4	230/460	118.0	1, 25
		404T	**EM2555T-CI**	16,080	GO3	34.00	1038	95.4	230/460	115.0	1, 30
		404TS	**EM2555TS-12**	17,952	GO3	33.97	941	95.4	230/460	118.0	1, 25
460 volt											
60	1200	404T	**EM2548T-4CI**	16,865	GO3	33.95	1009	95.0	460	70.4	1
75	1200	405T	**EM2552T-4**	18,777	GO3	33.95	1084	95.0	460	86.9	1, 25
100	1800	404T	**EM2555T-4**	14,752	GO3	36.97	896	95.4	460	118.0	1, 25
	1200	444T	**EM2583T-4**	20,667	GO3	39.56	1455	95.0	460	116.0	1, 25
125	3600	404TS	**EM2554T-4**	17,509	GO3	31.85	894	94.1	460	143.0	1, 25
		404TS	**EM2554T-4CI**	20,891	GO3	31.00	997	95.0	460	143.0	1
	1800	405T	**EM2559T-4**	18,099	GO3	34.47	955	95.4	460	143.0	1, 25
		405T	**EM2559T-4CI**	19,724	GO3	34.00	1118	95.4	460	141.0	1
		405TS	**EM2559TS-4**	18,099	GO3	34.97	966	95.4	460	143.0	1, 25
	1200	445T	**EM2557T-4**	22,321	GO3	39.71	1513	95.0	460	146.0	1, 25
150	3600	405TS	**EM2556T-4**	21,599	GO3	31.85	801	94.1	460	166.0	1, 25
	1800	444T	**EM2558T-4**	20,103	GO3	39.71	1528	96.2	460	170.0	1, 25
		444TS	**EM2558TS-4**	20,103	GO3	35.96	1508	96.2	460	170.0	1
	1200	445T	**EM2560T-4**	26,286	GO3	39.71	1572	95.4	460	175.0	1, 25
200	3600	444TS	**EM2562T-4**	24,476	GO3	35.88	1364	95.4	460	221.0	1, 25
	1800	445T	**EM2563T-4**	25,122	GO3	39.56	1625	95.8	460	222.0	1, 25
	1200	447T	**EM2564T-4**	34,554	GO3	43.06	1827	95.4	460	232.0	1, 25
250	3600	445TS	**EM2565T-4**	28,713	GO3	35.88	1539	95.4	460	274.0	1, 25
	1800	447T	**EM25254T-4**	28,171	GO3	43.12	2015	96.2	460	275.0	1, 25
300	3600	445TS	**EM2568T-4**	44,878	GO3	35.88	1539	95.4	460	339.0	1, 25
	1800	449T	**EM25694T-4**	42,960	GO3	48.13	2151	95.8	460	331.0	1, 25
350	3600	449TS	**EM2571T-4**	51,360	GO3	44.31	2100	95.4	460	380.0	1, 25
	1800	449T	**EM2572T-4**	50,744	GO3	48.12	2694	96.2	460	382.0	1, 25
400	3600	449TS	**EM25402T-4**	60,255	GO3	44.31	2100	96.2	460	431.0	1, 25
	1800	449T	**EM25404T-4**	55,073	GO3	48.12	2799	96.2	460	437.0	1, 25
450	3600	449TS	**EM25452T-4**	66,351	GO3	44.31	2132	96.2	460	494.0	1, 25

Cast iron frame

General Purpose, three phase, ODP, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt											
450	1800	449T	**EM25454T-4**	62,284	GO3	48.12	2475	96.2	460	507.0	1, 25
575 volt											
1/3	1800	56	**EM31104-5**	743	GO3	9.51	24	73.4	575	0.5	15, 38
1/2	1800	56	**EM31108-5**	818	GO3	11.01	31	78.2	575	0.7	15, 38
3/4	1800	56	**EM31112-5**	901	GO3	11.07	33	82.5	575	1.0	15
1	1800	56	**EM31116-5**	948	GO3	12.07	38	85.5	575	1.3	15
		143T	**EM3116T-5**	1,039	GO3	11.62	34	85.5	575	1.3	1
1 1/2	1800	145T	**EM3154T-5**	1,087	GO3	11.62	37	86.5	575	1.9	1
2	1800	145T	**EM3157T-5**	1,164	GO3	12.12	39	86.5	575	2.2	1
3	1800	182T	**EM3211T-5**	1,255	GO3	15.00	69	89.5	575	3.4	1
5	3600	182T	**EM3212T-5**	1,307	GO3	15.00	76	90.2	575	4.5	1
	1800	184T	**EM3218T-5**	1,375	GO3	16.50	82	89.5	575	5.3	1
7 1/2	3600	184T	**EM3219T-5**	2,073	GO3	16.50	92	90.2	575	6.7	1
	1800	213T	**EM3311T-5**	2,019	GO3	16.32	114	91.0	575	8.0	1
10	1800	215T	**EM3313T-5**	2,444	GO3	17.45	123	91.7	575	10.0	1
15	1800	254T	**EM2513T-5**	3,460	GO3	23.19	212	93.0	575	14.2	1
20	1800	256T	**EM2515T-5**	4,276	GO3	23.19	227	93.0	575	19.1	1
25	1800	284T	**EM2531T-5**	5,213	GO3	25.06	660	93.6	575	24.5	1
30	1800	286T	**EM2535T-5**	5,701	GO3	26.06	368	94.1	575	29.0	1
40	1800	324T	**EM2539T-5**	7,436	GO3	27.19	398	94.1	575	40.0	1
50	1800	326T	**EM2543T-5**	8,205	GO3	27.69	630	94.5	575	46.0	1
60	1800	364T	**EM2547T-5**	10,331	GO3	30.69	430	95.0	575	56.0	1
75	1800	365T	**EM2551T-5**	12,681	GO3	33.72	729	95.0	575	68.0	1
100	1800	404T	**EM2555T-5**	14,752	GO3	36.97	943	95.4	575	93.0	1
125	1800	405T	**EM2559T-5**	18,099	GO3	34.47	960	95.4	575	114.0	1
150	1800	444T	**EM2558T-5**	20,103	GO3	39.56	1515	96.2	575	136.0	1

Cast iron frame

General Purpose, three phase, ODP, C-face foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/3	1800	56C	**CEM31104**	789	GO3	10.10	24	73.4	230/460	0.7	15, 30, 38
1/2	3600	56C	**CEM31107**	840	GO3	10.10	20	73.4	230/460	0.8	15, 30, 38
	1800	56C	**CEM31108**	865	GO3	11.60	31	78.2	230/460	0.8	15, 30, 38
3/4	1800	56C	**CEM31112**	947	GO3	11.07	35	82.5	230/460	1.2	15, 30
1	3600	56C	**CEM31115**	1,018	GO3	11.07	37	78.5	230/460	1.5	15
	1800	143TC	**CEM3116T**	1,233	GO3	11.63	35	85.5	230/460	1.6	1, 30
	1200	145TC	**CEM3156T**	1,260	GO3	12.13	41	82.5	230/460	1.5	1
1 1/2	3600	143TC	**CEM3120T**	1,070	GO3	17.07	34	84.0	230/460	2.0	1
	1800	145TC	**CEM3154T**	1,286	GO3	11.62	31	86.5	230/460	2.3	1, 30
	1200	182TC	**CEM3207T**	1,520	GO3	15.00	68	86.5	230/460	2.5	1
2	3600	56C	**CEM31155**	1,153	GO3	12.07	43	85.5	230/460	2.6	15, 30
	1800	145TC	**CEM3157T**	1,373	GO3	12.13	41	86.5	230/460	2.8	1, 30
	1200	184TC	**CEM3215T**	1,551	GO3	16.50	82	87.5	230/460	3.4	1
3	3600	143TC	**CEM3158T**	1,260	GO3	13.01	46	85.5	230/460	3.8	1, 30
	1800	182TC	**CEM3211T**	1,531	GO3	15.00	71	89.5	230/460	4.2	1, 30
	1200	213TC	**CEM3305T**	2,090	GO3	17.07	131	88.5	230/460	4.5	1
5	3600	182TC	**CEM3212T**	1,426	GO3	13.62	64	86.5	230/460	6.0	1, 30
	1800	184TC	**CEM3218T**	1,666	GO3	16.50	87	89.5	230/460	6.6	1, 30
	1200	215TC	**CEM3309T**	2,656	GO3	18.19	141	89.5	230/460	7.4	1
7 1/2	3600	184TC	**CEM3219T**	2,192	GO3	15.00	77	88.5	230/460	8.6	1, 30
	1800	213TC	**CEM3311T**	2,541	GO3	17.07	118	91.0	230/460	9.8	1, 30
	1200	254TC	**CEM2506T**	3,399	GO3	23.19	248	90.2	230/460	11.0	1
10	3600	213TC	**CEM3312T**	2,638	GO3	17.07	121	90.2	230/460	12.0	1, 30
	1800	215TC	**CEM3313T**	3,020	GO3	18.19	133	91.7	230/460	12.5	1, 30
	1200	256TC	**CEM2511T**	4,262	GO3	23.19	255	91.7	230/460	14.3	1, 30
15	3600	215TC	**CEM3314T**	3,634	GO3	17.07	128	90.2	230/460	17.5	1, 30
	1800	254TC	**CEM2513T**	4,433	GO3	23.19	233	93.0	230/460	18.2	1, 30
	1200	284TC	**CEM2524T**	5,984	GO3	23.81	295	91.7	230/460	20.5	1, 30
20	3600	254TC	**CEM2514T**	4,490	GO3	21.69	194	91.0	230/460	23.5	1, 30
	1800	256TC	**CEM2515T**	4,812	GO3	23.19	231	93.0	230/460	24.0	1, 30
	1200	286TC	**CEM2528T**	7,074	GO3	25.06	369	92.4	230/460	27.0	1, 30
25	3600	256TC	**CEM2516T**	5,284	GO3	21.69	219	91.7	230/460	28.0	1, 30
	1800	284TC	**CEM2531T**	6,173	GO3	25.06	336	93.6	230/460	30.0	1, 30
	1200	324TC	**CEM2532T**	8,717	GO3	27.69	383	93.0	230/460	34.0	1, 30
30	3600	284TSC	**CEM2534T**	6,565	GO3	22.44	320	91.7	230/460	35.0	1, 30
	1800	286TC	**CEM2535T**	6,661	GO3	26.06	355	94.1	230/460	37.0	1, 30
	1200	326TC	**CEM2536T**	9,035	GO3	28.69	482	93.6	230/460	39.0	1, 30
40	3600	286TSC	**CEM2538T**	8,181	GO3	22.44	330	92.4	230/460	46.0	1, 30
	1800	324TC	**CEM2539T**	8,769	GO3	27.19	378	94.1	230/460	49.0	1, 30
50	3600	324TSC	**CEM2542T**	9,197	GO3	25.68	375	93.0	230/460	56.0	1
	1800	326TC	**CEM2543T**	9,537	GO3	27.69	491	94.5	230/460	57.0	1, 30
60	3600	326TSC	**CEM2546T**	11,283	GO3	25.19	472	93.6	230/460	68.0	1

General Purpose, three phase, ODP, C-face foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
60	1800	364TC	**CEM2547T**	11,868	GO3	30.69	542	95.0	230/460	68.0	1, 30
75	3600	364TSC	**CEM2549T**	14,588	GO3	25.81	475	93.6	230/460	82.0	1
	1800	365TC	**CEM2551T**	14,217	GO3	33.72	457	95.0	230/460	85.0	1, 30
100	3600	365TSC	**CEM2550T**	15,489	GO3	27.81	574	93.6	230/460	110.0	1
	1800	404TC	**CEM2555T**	16,526	GO3	36.97	945	95.4	230/460	118.0	1, 30
460 volt											
125	3600	404TSC	**CEM2554T-4**	19,282	GO3	33.59	590	94.1	460	143.0	1, 25
	1800	405TC	**CEM2559T-4**	19,872	GO3	37.97	787	95.4	460	143.0	1, 25

General Purpose, three phase, ODP, C-face with footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/4	1800	56C	**KEM30003**	749	GO3	11.35	21	69.5	230/460	0.5	15, 30, 38
1/3	3600	56C	**KEM30006**	784	GO3	11.22	22	69.5	230/460	0.6	15, 30, 38
	1800	56C	**VEM31104**	789	GO3	11.22	24	73.4	230/460	0.7	15, 30, 38
1/2	3600	56C	**VEM31107**	840	GO3	11.22	24	73.4	230/460	0.8	15, 30, 38
	1800	56C	**VEM31108**	865	GO3	12.72	31	78.2	208-230/460	0.8	15, 30, 38
	1200	56C	**VEM31109**	940	GO3	13.35	34	75.3	230/460	1.0	15, 30, 38
3/4	3600	56C	**VEM31111**	837	GO3	11.22	25	76.8	230/460	1.2	15, 30, 38
	1800	56C	**VEM31112**	947	GO3	12.22	32	82.5	230/460	1.2	15, 30
	1200	56C	**VEM31153**	1,146	GO3	13.23	39	81.7	230/460	1.6	15, 30
		143TC	**VM3153T**	998	GO3	13.41	32	77.0	230/460	1.5	30, 38
1	3600	56C	**VEM31115**	856	GO3	11.84	27	77.0	208-230/460	1.6	15, 30, 38
	1800	56C	**VEM31116**	995	GO3	12.22	37	85.5	230/460	1.6	15, 30
		143TC	**VEM3116T**	1,233	GO3	12.25	38	85.5	230/460	1.6	1, 30
	1200	145TC	**VEM3156T**	1,260	GO3	13.25	39	82.5	230/460	1.5	1, 30
1 1/2	3600	56C	**VEM31120**	883	GO3	12.22	34	84.0	208-230/460	2.0	15, 30
		143TC	**VEM3120T**	1,070	GO3	12.25	34	84.0	208-230/460	2.0	1, 30
	1800	56C	**VEM31154**	1,085	GO3	13.23	35	86.5	230/460	2.3	15, 30
		145TC	**VEM3154T**	1,286	GO3	13.25	37	86.5	230/460	2.3	1, 30
	1200	145TC	**VEM3159T**	1,464	GO3	15.92	68	86.5	230/460	2.5	1, 30
2	3600	56C	**VEM31155**	1,153	GO3	13.22	43	85.5	230/460	2.6	15, 30
		143TC	**VEM3155T**	1,245	GO3	13.25	43	86.5	208-230/460	2.5	1, 30
	1800	56C	**VEM31157**	1,136	GO3	13.23	48	86.5	230/460	2.8	15, 30
		145TC	**VEM3157T**	1,220	GO3	13.25	43	86.5	230/460	2.8	1, 30
	1200	184TC	**VEM3215T**	1,551	GO3	18.03	82	87.5	230/460	3.4	1, 30
3	3600	56C	**VEM31158**	1,102	GO3	13.22	50	85.5	230/460	3.8	15, 30
		145TC	**VEM3158T**	1,260	GO3	13.25	50	85.5	230/460	3.8	1, 30
	1800	145TC	**VEM3161T**	1,307	GO3	15.92	74	89.5	230/460	4.2	1, 30
		182TC	**VEM3211T**	1,531	GO3	16.54	74	89.5	230/460	4.2	1, 30
	1200	213TC	**VEM3305T**	2,090	GO3	18.91	137	88.5	230/460	4.5	1, 30
5	3600	182TC	**VEM3212T**	1,426	GO3	16.54	64	86.5	230/460	6.0	1, 30
	1800	184TC	**VEM3218T**	1,666	GO3	18.03	92	89.5	230/460	6.6	1, 30
	1200	215TC	**VEM3309T**	2,656	GO3	20.03	141	89.5	230/460	7.4	1, 30
7 1/2	3600	184TC	**VEM3219T**	2,192	GO3	16.54	77	88.5	208-230/460	8.7	1, 30
	1800	213TC	**VEM3311T**	2,541	GO3	18.91	120	91.0	230/460	9.8	1, 30
10	3600	213TC	**VEM3312T**	2,638	GO3	18.91	121	90.2	208-230/460	12.0	1, 30
	1800	215TC	**VEM3313T**	3,020	GO3	20.03	132	91.7	230/460	12.5	1, 30
15	3600	215TC	**VEM3314T**	3,634	GO3	18.91	131	90.2	230/460	17.5	1, 30
	1800	254TC	**VEM2513T**	4,433	GO3	24.15	234	93.0	230/460	18.2	1, 30
20	3600	254TC	**VEM2514T**	4,490	GO3	22.12	185	91.0	230/460	23.5	1, 30
	1800	256TC	**VEM2515T**	4,812	GO3	23.28	238	93.0	230/460	24.0	1, 30
25	3600	254TC	**VEM2516T**	5,284	GO3	22.15	233	91.7	230/460	28.0	1, 30

General Purpose, three phase, ODP, C-face with footless

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
25	1800	284TC	**VEM2531T**	6,173	GO3	26.71	377	93.6	230/460	30.0	1, 30
30	3600	284TSC	**VEM2534T**	6,565	GO3	25.09	325	91.7	208-230/460	35.0	1, 30

General Purpose, three phase, ODP, foot mounted F2



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
200 volt											
2	1800	145T	**EFM3157T-8**	1,324	GO3	12.13	40	86.5	200	6.7	1, 68
3	1800	182T	**EFM3211T-8**	1,433	GO3	15.00	70	89.5	200	9.7	1, 68
5	1800	184T	**EFM3218T-8**	1,574	GO3	16.50	82	89.5	200	15.3	1, 68
7 1/2	1800	213T	**EFM3311T-8**	2,307	GO3	16.32	111	91.0	200	23.3	1, 68
10	1800	215T	**EFM3313T-8**	2,793	GO3	17.45	127	91.7	200	29.5	1, 68
15	1800	254T	**EFM2513T-8**	3,942	GO3	23.19	209	93.0	200	41.0	1, 68
20	1800	256T	**EFM2515T-8**	4,326	GO3	23.19	240	93.0	200	55.0	1, 24, 69
230/460 volt											
1	1800	143T	**EFM3116T**	1,171	GO3	11.13	35	85.5	230/460	1.6	1, 30
1 1/2	1800	145T	**EFM3154T**	1,223	GO3	11.62	38	86.5	230/460	2.3	1, 30
2	1800	145T	**EFM3157T**	1,311	GO3	12.13	40	86.5	230/460	2.8	1, 30
3	1800	182T	**EFM3211T**	1,413	GO3	15.00	68	89.5	230/460	4.2	1, 30
5	3600	182T	**EFM3212T**	1,307	GO3	13.62	61	86.5	230/460	6.0	1, 30
	1800	184T	**EFM3218T**	1,548	GO3	16.50	84	89.5	230/460	6.6	1, 30
7 1/2	3600	184T	**EFM3219T**	2,073	GO3	15.00	77	88.5	230/460	8.6	1, 30
	1800	213T	**EFM3311T**	2,274	GO3	16.32	114	91.0	230/460	9.8	1, 30
10	3600	213T	**EFM3312T**	2,371	GO3	16.32	107	90.2	230/460	12.0	1, 30
	1800	215T	**EFM3313T**	2,753	GO3	17.45	125	91.7	230/460	12.5	1, 30
15	3600	215T	**EFM3314T**	3,367	GO3	16.32	123	90.2	230/460	17.5	1, 30
	1800	254T	**EFM2513T**	3,898	GO3	23.19	214	93.0	230/460	18.2	1, 30
20	1800	256T	**EFM2515T**	4,276	GO3	23.19	226	93.0	230/460	24.0	1, 30
25	1800	284T	**EFM2531T**	5,213	GO3	25.06	313	93.6	230/460	29.0	1, 30
30	1800	286T	**EFM2535T**	5,701	GO3	26.06	339	94.1	230/460	37.0	1, 30
40	1800	324T	**EFM2539T**	7,436	GO3	27.19	392	94.1	230/460	49.0	1, 30
50	1800	326T	**EFM2543T**	8,205	GO3	27.69	464	94.5	230/460	57.0	1, 30
60	1800	364T	**EFM2547T**	10,331	GO3	30.69	622	95.0	230/460	68.0	1, 30

General Purpose, three phase, 50Hz, ODP, foot mounted

- All motors listed are specifically designed for operation with 50Hz power
- CE Certified and Compliant to EU efficiency regulations



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/400 volt, 50Hz											
1/2	1500	56	**M3108-57**	647	5O3	10.12	26	73.0	230/400	1.0	
3/4	1500	56	**M3112-57**	720	5O3	10.14	26	70.0	230/400	1.9	
1	1500	56	**EM3116-57**	937	5O3	11.07	34	82.5	230/400	2.0	1
		143T	**EM3116T-57**	942	5O3	11.12	34	82.5	230/400	2.0	1
1 1/2	1500	145T	**EM3154T-57**	1,001	5O3	12.13	41	84.2	230/400	2.6	1
2	1500	145T	**EM3157T-57**	1,029	5O3	12.13	45	85.5	230/400	3.1	1
3	1500	182T	**EM3211T-57**	1,177	5O3	15.00	74	86.7	230/400	4.9	1
5	1500	184T	**EM3218T-57**	1,303	5O3	16.50	101	88.4	230/400	8.0	1
400 volt, 50Hz											
7 1/2	1500	213T	**EM3311T-58**	1,841	5O3	17.45	127	89.6	400	10.8	1
10	1500	215T	**EM3313T-58**	3,002	5O3	18.95	165	90.4	400	14.3	1
15	1500	254T	**EM2513T-58**	4,250	5O3	21.69	230	91.4	400	21.4	1
20	1500	256T	**EM2515T-58**	4,662	5O3	23.19	275	92.1	400	28.0	1

GNEM, General Purpose, Open

1 thru 20 Hp (.75 - 15kW)

IP22

Features
- 50/60 Hz design
- Designed for longevity with 3 year warranty
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2
- 100% copper windings on all ratings
- CE certified and compliant to EU efficiency regulations

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

GNEM General Purpose, three phase, ODP, foot mounted



kW/Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
190/380V 50Hz // 208-230/460V 60Hz											
0.75//1	1500//1800	56	GNEM31116	1,233	GO3	11.13	37	85.5	190/380//208-230/460	1.7	1
		143T	GNEM3116T	1,351	GO3	11.63	37	85.5	190/380//208-230/460	1.7	1
	1000//1200	56	GNEM31156	1,736	GO3	12.06	41	82.5	190/380//208-230/460	1.8	1
		145T	GNEM3156T	1,771	GO3	12.13	41	82.5	190/380//208-230/460	1.8	1
1.1//1-1/2	1500//1800	56	GNEM31154	1,351	GO3	12.06	41	86.5	190/380//208-230/460	2.3	1
		145T	GNEM3154T	1,413	GO3	12.13	41	86.5	190/380//208-230/460	2.3	1
	1000//1200	182T	GNEM3207T	1,821	GO3	15.00	68	86.5	190/380//208-230/460	2.5	1
1.5//2	1500//1800	56	GNEM31157	1,417	GO3	12.94	48	86.5	190/380//208-230/460	2.8	1
		145T	GNEM3157T	1,513	GO3	13.00	48	86.5	190/380//208-230/460	2.8	1
	1000//1200	184T	GNEM3215T	1,863	GO3	16.50	82	87.5	190/380//208-230/460	3.4	1
2.2//3	1500//1800	182T	GNEM3211T	1,626	GO3	16.50	83	90.2	190/380//208-230/460	4.4	1
	1000//1200	213T	GNEM3305T	2,370	GO3	16.32	119	88.5	190/380//208-230/460	4.5	1
3.7//5	1500//1800	184T	GNEM3218T	1,781	GO3	16.50	98	90.2	190/380//208-230/460	6.8	1
	1000//1200	215T	GNEM3309T	3,106	GO3	17.45	141	89.5	190/380//208-230/460	7.4	1
5.5//7-1/2	1500//1800	213T	GNEM3311T	2,618	GO3	17.45	140	91.7	190/380//208-230/460	9.7	1
5//7-1/2	1000//1200	254T	GNEM2506T	3,723	GO3	23.19	248	90.2	190/380//208-230/460	12.7	1
7.5//10	1500//1800	215T	GNEM3313T	3,177	GO3	18.20	143	91.7	190/380//208-230/460	13.4	1
	1000//1200	256T	GNEM2511T	4,844	GO3	24.19	288	91.7	190/380//208-230/460	15.5	1
11//15	1500//1800	254T	GNEM2513T	4,498	GO3	23.19	250	93.0	190/380//208-230/460	19.0	1
		254T	GNEM2513T-CI	4,267	GO3	22.38	286	93.0	190/380//208-230/460	20.0	1
	1000//1200	284T	GNEM2524T	6,531	GO3	25.06	369	91.7	190/380//208-230/460	21.0	1
15//20	1500//1800	256T	GNEM2515T	5,559	GO3	23.19	290	93.0	190/380//208-230/460	25.0	1
		256T	GNEM2515T-CI	6,061	GO3	22.38	286	93.0	190/380//208-230/460	24.0	1
	1000//1200	286T	GNEM2528T	7,948	GO3	26.06	375	92.4	190/380//208-230/460	29.0	1

Cast iron frame

Red catalog number indicates **NEW** product

GNEM, General Purpose, enclosed

1 thru 20 Hp (.75 - 15kW)

IP44*

Features
- 50/60 Hz design
- Designed for longevity with 3 year warranty
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2
- 100% copper windings on all ratings
- CE certified and compliant to EU efficiency regulations

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

GNEM General Purpose, three phase,TEFC, foot mounted



kW/Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
190/380V 50Hz // 208-230/460V 60Hz											
0.75//1	1500//1800	56	GNEM3546	1,403	GE3	13.22	37	85.5	190/380//208-230/460	1.7	1
		143T	GNEM3546T	1,403	GE3	13.29	37	85.5	190/380//208-230/460	1.7	1
	1000//1200	56	GNEM3556	1,811	GE3	13.23	41	82.5	190/380//208-230/460	1.8	1
		145T	GNEM3556T	1,811	GE3	13.29	41	82.5	190/380//208-230/460	1.8	1
1.1//1-1/2	1500//1800	56	GNEM3554	1,559	GE3	13.22	41	86.5	190/380//208-230/460	2.3	1
		145T	GNEM3554T	1,559	GE3	13.29	41	86.5	190/380//208-230/460	2.3	1
	1000//1200	182T	GNEM3607T	2,118	GE3	18.04	90	87.5	190/380//208-230/460	2.5	1
		182T	GNEM3667T	2,605	GE3	15.24	105	87.5	190/380//208-230/460	2.5	1
1.5//2	1500//1800	56	GNEM3558	1,649	GE3	14.10	48	86.5	190/380//208-230/460	2.8	1
		145T	GNEM3558T	1,649	GE3	14.17	48	86.5	190/380//208-230/460	2.8	1
	1000//1200	184T	GNEM3614T	2,220	GE3	18.05	91	88.5	190/380//208-230/460	3.3	1
		184T	GNEM3664T	2,648	GE3	15.23	113	88.5	190/380//208-230/460	3.3	1
2.2//3	1500//1800	182T	GNEM3611T	1,687	GE3	16.55	83	90.2	190/380//208-230/460	4.4	1
		182T	GNEM3661T	2,137	GE3	15.24	108	90.2	190/380//208-230/460	4.4	1
	1000//1200	213T	GNEM3704T	2,887	GE3	19.02	138	89.5	190/380//208-230/460	4.5	1
		213T	GNEM3764T	3,299	GE3	18.45	194	89.5	190/380//208-230/460	4.5	1
3.7//5	1500//1800	184T	GNEM3615T	1,741	GE3	18.05	101	90.2	190/380//208-230/460	6.6	1
		184T	GNEM3665T	2,185	GE3	15.24	115	90.2	190/380//208-230/460	6.5	1
	1000//1200	215T	GNEM3708T	3,263	GE3	20.52	149	89.5	190/380//208-230/460	7.4	1
		215T	GNEM3768T	3,827	GE3	18.45	226	89.5	190/380//208-230/460	7.3	1
5.5//7-1/2	1500//1800	213T	GNEM3710T	2,512	GE3	19.02	148	91.7	190/380//208-230/460	9.8	1
		213T	GNEM3770T	2,850	GE3	18.45	191	91.7	190/380//208-230/460	9.8	1
5//7-1/2	1000//1200	254T	GNEM2276T	5,456	GE3	23.36	299	91.0	190/380//208-230/460	11.4	1
7.5//10	1500//1800	215T	GNEM3714T	2,845	GE3	20.52	165	91.7	190/380//208-230/460	13.0	
		215T	GNEM3774T	3,195	GE3	18.45	196	92.4	190/380//208-230/460	12.3	1

Cast iron frame

Red catalog number indicates **NEW** product

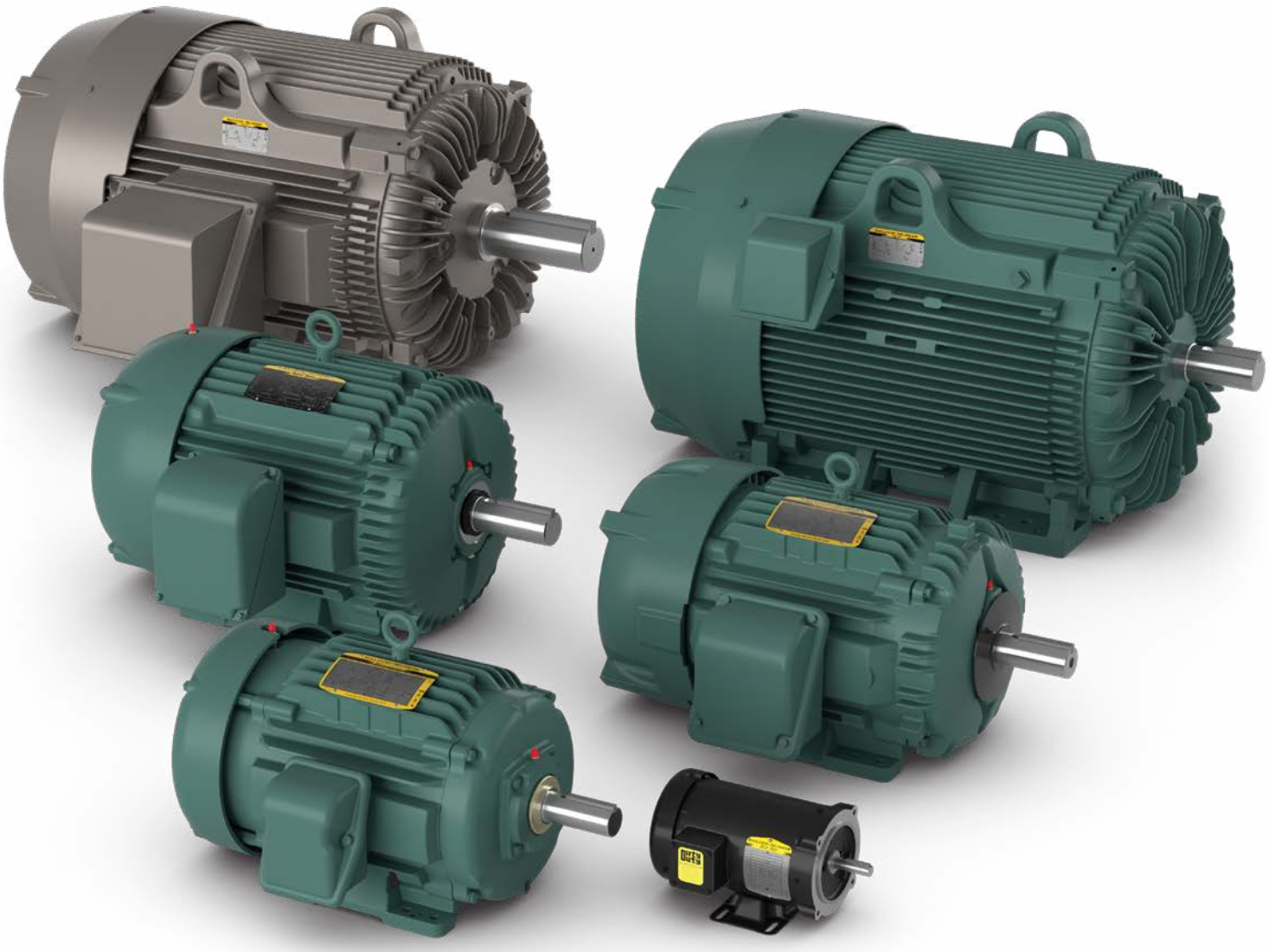
GNEM General Purpose, three phase,TEFC, foot mounted

kW/Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
190/380V 50Hz // 208-230/460V 60Hz											
7.5//10	1000//1200	256T	GNEM2332T	6,227	GE3	23.36	322	91.0	190/380//208-230/460	16.8	1
11//15	1500//1800	254T	GNEM2333T	3,877	GE3	23.36	286	92.4	190/380//208-230/460	18.4	1
	1000//1200	284T	GNEM4100T	8,306	GE3	27.76	451	91.7	190/380//208-230/460	21.0	1
15//20	1500//1800	256T	GNEM2334T	5,313	GE3	23.36	322	93.0	190/380//208-230/460	24.0	1
	1000//1200	286T	GNEM4102T	11,059	GE3	27.76	451	91.7	190/380//208-230/460	29.0	1

Cast iron frame

Red catalog number indicates **NEW** product

Severe Duty



Severe Duty

ABB's Baldor-Reliance severe duty motors are known for robust construction and durability, designed for harsh conditions. They offer high performance, superior protection against dust, moisture and extreme temperatures and meet NEMA efficiency standards. Ideal for heavy-duty industrial applications, they ensure reliability, energy savings and reduced operational costs.



Severe Duty XEX



IEEE 841 XL



661XL / IEEE 841



Dirty Duty Plus



Quarry duty



Crusher Duty

Product Line		XEX	841XL	661XL	Dirty Duty Plus	Quarry Duty	Crusher Duty
Frame Sizes	Frame size range for stock products	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
Torque	NEMA Design B torques as a minimum	S	S	S	S	–	–
	NEMA Design C: High torque	–	–	–	–	S	–
	NEMA Design A: High torque design exceed NEMA Design C	–	–	–	–	–	S
Service factor	1.15 service factor – continuous	S	S	S	S	S	–
	1.25 service factor up to 100 Hp, 1.15 service factor over 100 Hp – continuous	–	–	–	–	–	S
Temp rise	Class F insulation with Class B rise @ 1.0 service factor	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
Mechanical features							
IP code	IP54 enclosure ingress protection	–	–	–	–	–	–
	IP55 enclosure ingress protection	S	–	–	–	S	S
	IP56 enclosure ingress protection	–	S	S	S	–	–
	IP66 enclosure ingress protection 5000 and 586/7/8 frames	S	–	–	–	–	S
Frame	Steel band frame – cast iron endplates and conduit box, steel fan cover	–	–	–	S	–	–
	Steel band frame – aluminum endplates and conduit box, steel fan cover	–	–	–	–	S	–
	Cast iron frame	S	S	S	–	–	S
	Cast iron frame, endplates, conduit box & fan cover (5000 frames have fabricated steel box and fan covers)	S	S	S	–	–	S
	Vertical lifting provisions for shaft up or down mounting	–	–	S	–	–	–
	Sealed joints between frame and endplates	S	S	S	S	S	S
Shaft seals	Neoprene V-ring slinger – DE & ODE	S	–	–	–	S	S
	Non-contact, rotating labyrinth seal – DE & ODE, 143T-L449T frames	–	S	S	S	–	–
	Non-contact, rotating labyrinth seal – DE & ODE, 5000 frames	S	S	S	S	–	–
	Large dome slinger – DE	–	–	S	–	–	–
Bearings	Ball bearings designs	S	S	–	S	S	S
	Roller bearing designs available for belted applications	S	S	S	–	–	S
Lubrication	Non regreasable, lubed for life, double sealed	–	–	–	S	–	–
	Regreasable with grease inlet fitting and outlet threaded plug or easy access relief on DE & ODE	S	–	–	–	S	S
	Regreasable with PLS lubrication system 140T-449T	–	S	S	–	–	–
Paint	Corrosion resistant 2 part epoxy paint system, epoxy coated rotor and stator	S	S	S	–	S	S
	Salt fog test per ASTM B 117, exceeding:	300 hrs	300 hrs	300 hrs	2,000 hrs	300 hrs	300 hrs
Conduit box	Oversized, lipped cover, threaded NPT inlet	S	S	S	S	S	S
	Terminal stripts, with gland plate 5000 and 586/7/8 frame	S	–	–	–	–	S
	Rotatable increments	90 deg	90 deg	90 deg	180 deg	180 deg	90 deg
Nameplate	Stainless steel embossed raised letter	S	S	S	S	–	S
	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	–	–	–
	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	5	5	3	3	3

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

Severe Duty XEX
1 thru 1000 Hp

IP66* IP55*

Features
- Robust cast iron frame construction
- Regreasable bearings all frames
- 304 stainless steel nameplates
- Inverter Duty nameplate
- Division 2, Class I, Groups A, B, C, D markings on nameplate
- Division 2, Class II, Groups F & G, T4 on 5000 frames
- Insulated NDE bearing on 5000 frames
- Class F insulated motor with 1.15 service factor or higher that operates within Class “B” temperature limits at rated horsepower 56 through L449T frames.
- "TR" catalog numbers are standard roller bearing.
- *IP55 for frame sizes up to L449. IP66 for 586/7/8 frames

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

Severe Duty XEX, three phase, totally enclosed, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
	3600	143T	**ECP3580T**	1,493	SDM	12.88	59	84.0	230/460	1.4	
1	1800	143T	**ECP3581T**	1,641	SDM	12.88	64	85.5	208-230/460	1.7	30
	1200	145T	**ECP3582T**	1,812	SDM	12.88	68	82.5	208-230/460	1.8	30
	3600	143T	**ECP3583T**	1,698	SDM	12.88	67	85.5	208-230/460	2.0	30
1 1/2	1800	145T	**ECP3584T**	1,671	SDM	12.88	69	86.5	208-230/460	2.2	30
	1200	182T	**ECP3667T**	2,120	SDM	15.93	108	87.5	208-230/460	2.5	30
	3600	145T	**ECP3586T**	1,776	SDM	12.88	74	86.5	208-230/460	2.5	30
2	1800	145T	**ECP3587T**	1,745	SDM	12.88	75	86.5	230/460	2.8	30
	1200	184T	**ECP3664T**	2,147	SDM	15.93	122	88.5	230/460	3.2	
	3600	182T	**ECP3660T**	2,100	SDM	15.93	104	88.5	230/460	3.4	30
3	1800	182T	**ECP3661T**	2,207	SDM	15.93	110	89.5	208-230/460	4.1	30
	1200	213T	**ECP3764T**	3,098	SDM	19.49	185	90.2	230/460	4.5	30
	3600	184T	**ECP3663T**	2,584	SDM	15.93	114	90.2	230/460	5.7	30
5	1800	184T	**ECP3665T**	2,246	SDM	15.93	118	89.5	208-230/460	6.5	30
	1200	215T	**ECP3768T**	3,140	SDM	19.49	212	90.2	230/460	7.3	30
7 1/2	3600	213T	**ECP3769T**	3,372	SDM	19.50	169	91.0	230/460	8.6	

Cast iron frame

Severe Duty XEX, three phase, totally enclosed, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
7 1/2	1800	213T	**ECP3770T**	2,828	SDM	19.49	170	91.7	230/460	9.5	
	1200	254T	**ECP2276T**	4,492	SDM	24.78	337	91.0	230/460	10.7	30
10	3600	215T	**ECP3771T**	3,590	SDM	19.49	203	92.4	230/460	11.0	
	1800	215T	**ECP3774T**	3,386	SDM	19.49	231	92.4	230/460	12.5	
	1200	256T	**ECP2332T**	5,836	SDM	24.78	348	91.0	230/460	14.2	30
15	3600	254T	**ECP2294T**	4,593	SDM	24.78	300	91.0	230/460	17.5	30
	1800	254T	**ECP2333T**	4,315	SDM	24.78	319	92.4	230/460	18.1	30
	1200	284T	**ECP4100T**	6,691	SDM	28.00	449	91.7	230/460	21.0	30
20	3600	256T	**ECP4106T**	5,357	SDM	24.78	331	91.7	230/460	22.0	30
	1800	256T	**ECP2334T**	4,627	SDM	24.78	334	93.0	230/460	24.0	30
	1200	286T	**ECP4102T**	9,091	SDM	28.00	437	91.7	230/460	27.0	
25	3600	284TS	**ECP4107T**	6,438	SDM	26.63	396	91.7	230/460	28.0	30
	1800	284T	**ECP4103T**	6,055	SDM	28.00	431	93.6	230/460	30.0	30
	1200	324T	**ECP4111T**	9,500	SDM	30.28	604	93.0	230/460	32.0	30
30	3600	286TS	**ECP4108T**	7,848	SDM	26.63	396	91.7	230/460	34.0	
	1800	286T	**ECP4104T**	7,189	SDM	28.00	475	93.6	230/460	38.0	30
	1200	326T	**ECP4117T**	12,246	SDM	30.28	621	93.0	230/460	39.0	30
40	3600	324TS	**ECP4109T**	10,781	SDM	29.15	552	93.0	230/460	45.0	
	1800	324T	**ECP4110T**	9,406	SDM	30.28	618	94.1	230/460	48.0	30
	1200	364T	**ECP4308T**	14,967	SDM	33.49	903	94.1	230/460	49.4	
50	3600	326TS	**ECP4114T**	11,298	SDM	29.15	619	93.0	230/460	56.0	30
	1800	326T	**ECP4115T**	11,040	SDM	30.28	641	94.5	230/460	58.0	30
	1200	365T	**ECP4312T**	17,722	SDM	33.49	928	94.1	230/460	61.7	
60	3600	364TS	**ECP4310T**	15,938	SDM	31.37	929	94.5	230/460	65.4	
	1800	364T	**ECP4314T**	15,761	SDM	33.49	933	95.0	230/460	70.0	
	1200	404T	**ECP4403T**	22,207	SDM	38.20	1281	95.0	230/460	69.0	
75	3600	365TS	**ECP4313T**	18,257	SDM	31.37	915	93.6	230/460	80.7	
	1800	365T	**ECP4316T**	18,134	SDM	33.49	958	95.4	230/460	86.0	
	1200	405T	**ECP4404T**	27,026	SDM	38.20	1275	95.0	230/460	86.9	
100	3600	405TS	**ECP4402T**	23,038	SDM	35.04	1283	94.1	230/460	110.0	
125	3600	444TS	**ECP4412T**	27,071	SDM	41.08	1957	95.0	230/460	138.0	
460 volt											
1	3600	143T	**ECP3580T-4**	1,493	SDM	12.88	59	84.0	460	1.4	
	1800	143T	**ECP3581T-4**	1,641	SDM	12.88	61	85.5	460	1.6	
		143T	**ENCP3581T-4**	1,709	SDM	11.36	56	87.5	460	1.5	60
	1200	145T	**ECP3582T-4**	1,812	SDM	12.88	69	82.5	460	1.7	
	900	182T	**ECP3687T-4**	2,545	SDM	15.93	103	78.5	460	2.0	
1 1/2	3600	143T	**ECP3583T-4**	1,698	SDM	12.88	67	85.5	460	2.0	
	1800	145T	**ECP3584T-4**	1,671	SDM	12.88	72	86.5	460	2.3	
	1200	182T	**ECP3667T-4**	2,120	SDM	15.93	108	87.5	460	2.5	
	900	184T	**ECP3668T-4**	3,167	SDM	15.93	110	80.0	460	3.2	
2	3600	145T	**ECP3586T-4**	1,776	SDM	12.88	74	86.5	460	2.5	
	1800	145T	**ECP3587T-4**	1,745	SDM	12.88	73	86.5	460	2.8	
	1200	184T	**ECP3664T-4**	2,147	SDM	15.93	120	88.5	460	3.2	
	900	213T	**ECP3772T-4**	3,994	SDM	19.49	179	85.5	460	3.8	
3	3600	182T	**ECP3660T-4**	2,100	SDM	15.93	106	88.5	460	3.4	
	1800	182T	**ECP3661T-4**	2,207	SDM	15.93	112	89.5	460	4.1	

Cast iron frame

Severe Duty XEX, three phase, totally enclosed, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt											
3	1200	213T	**ECP3764T-4**	3,098	SDM	19.49	209	89.5	460	4.5	
	900	215T	**ECP3775T-4**	4,330	SDM	19.49	203	85.5	460	5.2	
5	3600	184T	**ECP3663T-4**	2,584	SDM	15.93	111	89.5	460	5.7	
	1800	184T	**ECP3665T-4**	2,246	SDM	15.93	119	89.5	460	6.5	
	1200	215T	**ECP3768T-4**	3,140	SDM	19.49	227	90.2	460	7.3	
	900	254T	**ECP2280T-4**	6,892	SDM	24.78	331	87.5	460	8.6	
7 1/2	3600	213T	**ECP3769T-4**	3,372	SDM	19.49	173	89.5	460	8.9	
	1800	213T	**ECP3770T-4**	2,828	SDM	19.49	170	91.7	460	9.5	
	1200	254T	**ECP2276T-4**	4,492	SDM	24.78	337	91.0	460	10.7	
	900	256T	**ECP2401T-4**	7,881	SDM	24.78	347	86.5	460	12.1	
10	3600	215T	**ECP3771T-4**	3,590	SDM	19.49	215	92.4	460	11.0	
	1800	215T	**ECP3774T-4**	3,386	SDM	19.49	211	92.4	460	12.5	
	1200	256T	**ECP2332T-4**	5,836	SDM	24.78	351	91.7	460	14.2	
	900	284T	**ECP2402T-4**	9,194	SDM	28.00	468	89.5	460	14.6	
15	3600	254T	**ECP2394T-4**	4,593	SDM	24.78	297	91.7	460	17.2	
	1800	254T	**ECP2333T-4**	4,315	SDM	24.78	294	92.4	460	18.1	
	1200	284T	**ECP4100T-4**	6,691	SDM	28.00	448	91.7	460	21.0	
	900	286T	**ECP2395T-4**	12,271	SDM	28.00	479	89.5	460	23.0	
20	3600	256T	**ECP4106T-4**	5,357	SDM	24.78	328	92.4	460	23.0	
	1800	256T	**ECP2334T-4**	4,627	SDM	24.78	333	93.0	460	24.0	
	1200	286T	**ECP4102T-4**	9,091	SDM	28.00	449	91.7	460	27.0	
	900	324T	**ECP4112T-4**	13,989	SDM	30.66	600	90.2	460	30.0	
25	3600	284TS	**ECP4107T-4**	6,438	SDM	26.63	342	91.7	460	28.0	
	1800	284T	**ECP4103T-4**	6,055	SDM	28.00	435	93.6	460	30.0	
	1200	324T	**ECP4111T-4**	9,500	SDM	30.28	608	93.0	460	32.0	
	900	326T	**ECP4124T-4**	17,469	SDM	30.66	612	90.2	460	38.0	
30	3600	286TS	**ECP4108T-4**	7,848	SDM	26.63	396	91.7	460	34.0	
	1800	286T	**ECP4104T-4**	7,189	SDM	28.00	470	93.6	460	38.0	
	1200	326T	**ECP4117T-4**	12,246	SDM	30.28	633	93.0	460	39.0	
	900	364T	**ECP4113T-4**	18,472	SDM	33.49	813	92.4	460	39.3	
40	3600	324TS	**ECP4109T-4**	10,781	SDM	29.15	635	93.0	460	46.0	
	1800	324T	**ECP4110T-4**	9,406	SDM	30.28	594	94.1	460	48.0	
	1200	364T	**ECP4308T-4**	14,967	SDM	33.49	893	94.1	460	49.4	
	900	365T	**ECP4315T-4**	21,240	SDM	33.44	905	93.0	460	52.0	
50	3600	326TS	**ECP4114T-4**	11,298	SDM	29.15	610	93.0	460	56.0	
	1800	326T	**ECP4115T-4**	11,040	SDM	30.28	668	94.5	460	58.0	
	1200	365T	**ECP4312T-4**	17,722	SDM	33.49	920	94.1	460	61.7	
	900	405T	**ECP4417T-4**	26,174	SDM	38.20	1216	93.0	460	63.0	
60	3600	364TS	**ECP4310T-4**	15,938	SDM	31.37	882	95.0	460	65.1	
	1800	364T	**ECP4314T-4**	15,761	SDM	33.49	941	95.0	460	70.0	
	1200	404T	**ECP4403T-4**	22,207	SDM	38.20	1275	95.0	460	69.0	
		404T	**ECP4403TR-4**	23,329	SDM	38.20	1375	94.5	460	67.3	
	900	405T	**ECP4418T-4**	30,696	SDM	38.20	1216	93.0	460	76.0	
75	3600	365TS	**ECP4313T-4**	18,257	SDM	31.37	990	94.5	460	80.7	
	1800	365T	**ECP4316T-4**	18,134	SDM	33.49	966	95.4	460	86.0	
		365T	**ECP4316TR-4**	19,116	SDM	33.44	958	95.4	460	85.9	
	1200	405T	**ECP4404T-4**	27,026	SDM	38.20	1334	94.5	460	87.0	

Cast iron frame

Severe Duty XEX, three phase, totally enclosed, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt											
75	1200	405T	**ECP4404TR-4**	28,148	SDM	38.20	1334	94.5	460	86.5	
	900	444T	**ECP4419T-4**	37,898	SDM	44.75	1932	94.5	460	89.3	
100	3600	405TS	**ECP4402T-4**	23,038	SDM	35.04	1272	95.0	460	110.0	
	1800	405T	**ECP4400T-4**	22,695	SDM	38.20	1366	95.4	460	115.0	
		405T	**ECP4400TR-4**	23,818	SDM	38.20	1326	95.4	460	112.0	
		405TS	**ECP4400TS-4**	22,695	SDM	35.04	1304	95.4	460	112.0	
	1200	444T	**ECP4409T-4**	29,726	SDM	44.75	1871	95.0	460	119.0	
		444T	**ECP4409TR-4**	31,656	SDM	44.75	1871	95.0	460	119.0	
	900	445T	**ECP4420T-4**	44,236	SDM	44.75	1905	93.6	460	125.0	
125	3600	444TS	**ECP4412T-4**	27,071	SDM	40.83	1901	95.0	460	137.0	
	1800	444T	**ECP4410T-4**	26,831	SDM	44.75	1950	95.4	460	144.0	
		444T	**ECP4410TR-4**	28,761	SDM	44.75	1950	95.4	460	144.0	
	1200	445T	**ECP4411T-4**	33,582	SDM	44.75	2118	95.0	460	146.0	
		445T	**ECP4411TR-4**	35,512	SDM	44.75	2146	95.0	460	146.0	
	900	447T	**ECP4421T-4**	48,448	SDM	48.24	2330	95.0	460	149.0	
150	3600	445TS	**ECP4413T-4**	31,737	SDM	40.83	2017	95.0	460	164.0	
	1800	445T	**ECP4406T-4**	31,432	SDM	44.75	2190	95.8	460	169.0	
		445T	**ECP4406TR-4**	33,362	SDM	44.75	2182	95.8	460	169.0	
	1200	447T	**ECP44156T-4**	37,862	SDM	48.24	2546	95.8	460	170.0	
		447T	**ECP44156TR-4**	39,791	SDM	48.24	2585	95.8	460	170.0	
	900	449T	**ECP4422T-4**	55,666	SDM	53.24	3051	95.0	460	188.0	
200	3600	447TS	**ECP4416T-4**	37,579	SDM	44.48	2436	96.2	460	213.0	
	1800	447T	**ECP4407T-4**	37,812	SDM	48.24	2572	96.2	460	222.0	
		447T	**ECP4407TR-4**	39,739	SDM	48.24	2621	96.2	460	222.0	
		447TS	**ECP4407TS-4**	37,812	SDM	44.48	2573	96.2	460	222.0	
	1200	449T	**ECP44206T-4**	49,596	SDM	53.24	3011	95.8	460	225.0	
		449T	**ECP44206TR-4**	51,523	SDM	53.24	3091	95.8	460	225.0	
	900	449T	**ECP4423T-4**	70,655	SDM	53.24	3179	95.0	460	248.0	
250	3600	449TS	**ECP44252T-4**	57,466	SDM	49.71	2633	95.8	460	269.0	
	1800	449T	**ECP4408T-4**	47,983	SDM	53.24	2981	96.2	460	276.0	
		449T	**ECP4408TR-4**	49,910	SDM	53.24	2995	96.2	460	276.0	
	1200	449T	**ECP44256T-4**	69,188	SDM	53.24	3090	96.2	460	283.0	
		449T	**ECP44256TR-4**	71,115	SDM	53.24	3093	95.8	460	287.0	
		5008L	**ECP502506-PP4**	57,589	ISD	60.17	3682	96.2	460	296.0	
	900	L449T	**ECP49258T-4**	85,552	SDM	60.13	3430	95.0	460	288.0	26
300	3600	449TS	**ECP44302T-4**	83,987	SDM	49.71	2789	96.2	460	318.0	
		5008S	**ECP503002-PP4**	56,380	ISD	60.17	3791	97.3	460	327.0	
	1800	449T	**ECP44304T-4**	66,134	SDM	53.24	3061	96.2	460	334.0	
		449T	**ECP44304TR-4**	68,063	SDM	53.24	3052	96.2	460	334.0	
		5008S	**ECP503004-PP4**	52,910	ISD	60.17	3902	97.3	460	330.0	
	1200	5010L	**ECP503006-PP4**	67,602	ISD	67.05	4277	96.5	460	356.0	
		L449T	**ECP49306T-4**	79,409	SDM	60.13	3125	95.8	460	340.0	26
	900	5010L	**ECP503008-PP4**	80,515	ISD	67.05	4564	95.4	460	369.0	
		L449T	**ECP49308T-4**	91,261	SDM	60.13	3709	95.0	460	378.0	14, 26
350	3600	449TS	**ECP44352T-4**	87,854	SDM	49.71	2965	95.8	460	370.0	
		5008S	**ECP503502-PP4**	62,678	ISD	60.17	4012	97.5	460	380.0	
	1800	5008L	**ECP503504-PP4**	59,288	ISD	60.17	3902	96.8	460	397.0	

Cast iron frame

Severe Duty XEX, three phase, totally enclosed, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt											
350	1800	L449T	**ECP49354T-4**	79,358	SDM	60.21	3543	96.2	460	384.0	26
	1200	5010L	**ECP503506-PP4**	72,800	ISD	67.05	4607	96.7	460	416.0	
	900	5012L	**ECP503508-PP4**	87,612	ISD	74.00	5291	95.8	460	437.0	
400	3600	5010S	**ECP504002-PP4**	68,348	ISD	67.05	4431	97.3	460	439.0	
		L449TS	**ECP44402T-4**	117,940	SDM	56.72	3091	96.2	460	420.0	
	1800	5008L	**ECP504004-PP4**	64,799	ISD	60.17	4299	97.8	460	462.0	
		L449T	**ECP49404T-4**	99,117	SDM	60.21	3731	96.2	460	435.0	26
	1200	5012L	**ECP504006-PP4**	80,635	ISD	74.00	5005	96.7	460	476.0	
	900	5012L	**ECP504008-PP4**	95,177	ISD	74.00	5667	95.9	460	480.0	
450	3600	5010S	**ECP504502-PP4**	75,723	ISD	67.05	4431	97.3	460	490.0	
	1800	5010L	**ECP504504-PP4**	71,645	ISD	67.05	4564	97.8	460	511.0	
		L449T	**ECP49454T-4**	109,031	SDM	60.21	3680	96.2	460	501.0	26
	1200	5012L	**ECP504506-PP4**	85,897	ISD	74.00	5445	96.7	460	534.0	
	900	5012L	**ECP504508-PP4**	98,543	ISD	74.00	5886	96.4	460	560.0	
500	3600	5010S	**ECP505002-PP4**	82,746	ISD	67.05	4431	97.2	460	542.0	
	1800	5010L	**ECP505004-PP4**	79,295	ISD	67.05	5163	97.7	460	561.0	
	1200	5012L	**ECP505006-PP4**	89,530	ISD	74.00	5754	96.5	460	606.0	
	900	5012L	**ECP505008-PP4**	104,924	ISD	74.00	5886	96.3	460	610.0	
600	3600	5010S	**ECP506002-PP4**	88,971	ISD	67.05	4652	96.7	460	660.0	
	1800	5012L	**ECP506004-PP4**	84,300	ISD	74.00	5225	96.8	460	679.0	
900	1800	5012L	**ECP509004-PP4**	111,818	ISD	74.00	6283	97.0	460	1020.0	
1000	3600	5012L	**ECP5010002-PP4**	151,449	ISD	74.00	6129	97.3	460	1072.0	
	1800	5012L	**ECP5010004-PP4**	129,572	ISD	74.00	6330	97.0	460	1121.0	
575 volt											
1	3600	143T	**ECP3580T-5**	1,493	SDM	12.88	61	84.0	575	1.1	
	1800	143T	**ECP3581T-5**	1,641	SDM	12.88	65	85.5	575	1.2	
1 1/2	1800	145T	**ECP3584T-5**	1,671	SDM	12.88	71	86.5	575	1.7	
2	1800	145T	**ECP3587T-5**	1,745	SDM	12.88	75	86.5	575	2.2	
3	3600	182T	**ECP3660T-5**	2,100	SDM	15.93	107	88.5	575	2.7	
	1800	182T	**ECP3661T-5**	2,207	SDM	15.93	113	89.5	575	3.3	
	1200	213T	**ECP3764T-5**	3,098	SDM	19.49	211	90.2	575	3.6	
5	3600	184T	**ECP3663T-5**	2,584	SDM	15.93	111	89.5	575	4.6	
	1800	184T	**ECP3665T-5**	2,246	SDM	15.93	118	89.5	575	5.3	
	1200	215T	**ECP3768T-5**	3,140	SDM	19.49	196	90.2	575	5.8	
7 1/2	3600	213T	**ECP3769T-5**	3,372	SDM	19.49	169	91.7	575	6.9	
	1800	213T	**ECP3770T-5**	2,828	SDM	19.49	170	91.7	575	7.5	
	1200	254T	**ECP2276T-5**	4,492	SDM	24.78	333	91.7	575	8.7	
10	3600	215T	**ECP3771T-5**	3,590	SDM	19.49	182	92.4	575	8.9	
	1800	215T	**ECP3774T-5**	3,386	SDM	19.49	231	92.4	575	10.0	
	1200	256T	**ECP2332T-5**	5,836	SDM	24.78	347	91.0	575	11.5	
15	3600	254T	**ECP2394T-5**	4,593	SDM	24.78	239	91.7	575	13.8	
	1800	254T	**ECP2333T-5**	4,315	SDM	24.78	297	92.4	575	14.6	
	1200	284T	**ECP4100T-5**	6,691	SDM	28.00	436	91.7	575	17.1	
20	3600	256T	**ECP4106T-5**	5,357	SDM	24.78	310	91.0	575	17.9	
	1800	256T	**ECP2334T-5**	4,627	SDM	24.78	325	93.0	575	19.2	
	1200	286T	**ECP4102T-5**	9,091	SDM	28.00	478	93.0	575	20.6	
25	1800	284T	**ECP4103T-5**	6,055	SDM	28.00	424	93.6	575	24.0	

Cast iron frame

Severe Duty XEX, three phase, totally enclosed, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
575 volt											
25	1200	324T	**ECP4111T-5**	9,500	SDM	30.28	612	93.0	575	25.7	
30	1800	286T	**ECP4104T-5**	7,189	SDM	28.00	485	93.6	575	29.0	
	1200	326T	**ECP4117T-5**	12,246	SDM	30.28	630	93.0	575	30.0	
40	1800	324T	**ECP4110T-5**	9,406	SDM	30.28	623	94.1	575	37.0	
	1200	364T	**ECP4308T-5**	15,262	SDM	33.49	910	94.1	575	39.7	
50	1800	326T	**ECP4115T-5**	11,040	SDM	30.28	652	94.5	575	45.0	
60	1800	364T	**ECP4314T-5**	15,761	SDM	33.49	936	95.0	575	55.0	
75	3600	365TS	**ECP4313T-5**	18,257	SDM	31.35	979	93.6	575	65.5	
	1800	365T	**ECP4316T-5**	18,134	SDM	33.49	966	95.4	575	69.0	
	1200	405T	**ECP4404T-5**	27,026	SDM	38.19	1322	94.5	575	70.2	
100	1800	405T	**ECP4400T-5**	22,695	SDM	38.04	1317	95.4	575	89.6	
125	1800	444T	**ECP4410T-5**	26,831	SDM	44.75	2054	95.4	575	115.0	
	1200	445T	**ECP4411T-5**	33,582	SDM	44.97	1913	95.0	575	116.0	
150	1800	445T	**ECP4406T-5**	31,432	SDM	44.75	2175	95.8	575	135.0	
200	1800	447T	**ECP4407T-5**	37,812	SDM	48.24	2570	96.2	575	178.0	
250	1800	449T	**ECP4408T-5**	47,983	SDM	53.47	3027	96.2	575	219.0	
300	1800	449T	**ECP44304T-5**	66,134	SDM	53.47	3150	96.2	575	267.0	
350	1800	L449T	**ECP49354T-5**	79,358	SDM	60.47	3680	96.2	575	309.0	
400	1800	L449T	**ECP49404T-5**	99,117	SDM	60.47	3702	96.2	575	356.0	

Cast iron frame

Severe Duty XEX, three phase, totally enclosed, C-face foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1	1800	143TC	**CECP3581T**	1,727	SDM	13.38	67	85.5	208-230/460	1.7	
	1200	145TC	**CECP3582T**	1,903	SDM	13.38	75	82.5	208-230/460	1.8	
1 1/2	1800	145TC	**CECP3584T**	1,762	SDM	13.38	72	86.5	208-230/460	2.2	
	1200	182TC	**CECP3667T**	2,212	SDM	16.68	99	87.5	208-230/460	2.5	
2	1800	145TC	**CECP3587T**	1,833	SDM	13.38	76	86.5	230/460	2.8	
	1200	184TC	**CECP3664T**	2,235	SDM	16.68	113	88.5	230/460	3.2	
3	3600	182TC	**CECP3660T**	2,257	SDM	16.68	112	88.5	230/460	3.4	30
	1800	182TC	**CECP3661T**	2,366	SDM	16.68	114	89.5	208-230/460	4.1	
	1200	213TC	**CECP3764T**	3,257	SDM	20.24	187	90.2	230/460	4.5	30
5	3600	184TC	**CECP3663T**	2,741	SDM	16.68	121	90.2	230/460	5.7	30
	1800	184TC	**CECP3665T**	2,403	SDM	16.68	130	89.5	208-230/460	6.5	
	1200	215TC	**CECP3768T**	3,298	SDM	20.24	226	90.2	230/460	7.3	30
7 1/2	3600	213TC	**CECP3769T**	3,686	SDM	20.24	173	91.0	230/460	8.6	
	1800	213TC	**CECP3770T**	3,144	SDM	20.24	170	91.7	230/460	9.5	
	1200	254TC	**CECP2276T**	4,808	SDM	25.28	305	91.0	230/460	10.7	30
10	3600	215TC	**CECP3771T**	3,901	SDM	20.24	203	92.4	230/460	11.0	30
	1800	215TC	**CECP3774T**	3,700	SDM	20.24	231	92.4	230/460	12.5	
	1200	256TC	**CECP2332T**	6,151	SDM	25.28	323	91.0	230/460	14.2	30
15	3600	254TC	**CECP2294T**	5,509	SDM	25.28	307	91.0	230/460	17.5	30
	1800	254TC	**CECP2333T**	5,256	SDM	25.28	297	92.4	230/460	18.1	30
	1200	284TC	**CECP4100T**	7,633	SDM	28.00	435	91.7	230/460	21.0	30
20	3600	256TC	**CECP4106T**	6,273	SDM	25.28	333	91.7	230/460	22.0	30
	1800	256TC	**CECP2334T**	5,571	SDM	25.28	339	93.0	230/460	24.0	30
	1200	286TC	**CECP4102T**	10,034	SDM	28.00	451	91.7	230/460	27.0	
25	3600	284TSC	**CECP4107T**	7,652	SDM	26.56	515	91.7	230/460	28.0	30
	1800	286TC	**CECP4103T**	7,362	SDM	28.00	449	93.6	230/460	30.0	30
	1200	324TC	**CECP4111T**	10,808	SDM	30.28	626	93.0	230/460	32.0	30
30	3600	286TSC	**CECP4108T**	9,063	SDM	26.56	454	91.7	230/460	34.0	
	1800	286TC	**CECP4104T**	8,497	SDM	28.00	478	93.6	230/460	36.0	30
	1200	326TC	**CECP4117T**	13,554	SDM	30.28	540	93.0	230/460	39.0	30
40	3600	324TSC	**CECP4109T**	12,183	SDM	28.84	571	93.0	230/460	45.0	
	1800	324TC	**CECP4110T**	10,847	SDM	30.28	628	94.1	230/460	48.0	30
	1200	364TC	**CECP4308T**	16,493	SDM	33.44	908	94.1	230/460	49.4	
50	3600	326TSC	**CECP4114T**	12,699	SDM	28.84	639	93.0	230/460	56.0	30
	1800	326TC	**CECP4115T**	12,482	SDM	30.28	656	94.5	230/460	58.0	30
	1200	365TC	**CECP4312T**	19,248	SDM	33.44	908	94.1	230/460	61.7	
60	3600	364TSC	**CECP4310T**	17,464	SDM	31.31	874	93.6	230/460	65.1	
	1800	364TC	**CECP4314T**	17,287	SDM	33.78	880	95.0	230/460	70.0	
75	3600	365TSC	**CECP4313T**	19,783	SDM	31.31	886	94.5	230/460	80.7	
	1800	365TC	**CECP4316T**	19,660	SDM	33.44	905	95.4	230/460	86.0	

Cast iron frame

Severe Duty XEX, three phase, totally enclosed, C-face foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt											
15	1800	254TC	**CECP2333T-4**	5,256	SDM	25.28	314	92.4	460	18.1	
20	1800	256TC	**CECP2334T-4**	5,571	SDM	25.28	336	93.0	460	24.0	
25	1800	284TC	**CECP4103T-4**	7,362	SDM	28.00	473	93.6	460	30.0	
30	1800	286TC	**CECP4104T-4**	8,497	SDM	28.00	475	93.6	460	36.0	
60	1800	364TC	**CECP4314T-4**	16,631	SDM	33.48	961	95.0	460	70.0	
100	3600	405TSC	**CECP4402T-4**	24,946	SDM	35.04	1327	95.0	460	110.0	
	1800	405TC	**CECP4400T-4**	25,036	SDM	38.20	1388	95.4	460	112.0	
125	1800	444TC	**CECP4410T-4**	30,072	SDM	44.96	1669	95.4	460	144.0	
150	1800	445TC	**CECP4406T-4**	34,673	SDM	44.75	2138	95.8	460	169.0	
200	1800	447TC	**CECP4407T-4**	41,710	SDM	48.24	2455	96.2	460	222.0	
575 volt											
1	1800	143TC	**CECP3581T-5**	1,727	SDM	13.38	60	85.5	575	1.2	
1 1/2	1800	145TC	**CECP3584T-5**	1,762	SDM	13.38	72	86.5	575	1.7	
2	1800	145TC	**CECP3587T-5**	1,833	SDM	13.38	76	86.5	575	2.3	
3	1800	182TC	**CECP3661T-5**	2,366	SDM	16.68	111	89.5	575	3.2	
5	1800	184TC	**CECP3665T-5**	2,403	SDM	16.68	130	90.2	575	5.2	
7 1/2	1800	213TC	**CECP3770T-5**	3,144	SDM	20.24	170	91.7	575	7.5	
10	1800	215TC	**CECP3774T-5**	3,700	SDM	20.24	231	91.7	575	9.8	
15	1800	254TC	**CECP2333T-5**	5,256	SDM	25.28	268	92.4	575	14.6	
20	1800	256TC	**CECP2334T-5**	5,571	SDM	25.28	350	93.0	575	19.2	
25	1800	286TC	**CECP4103T-5**	7,362	SDM	28.00	529	93.6	575	24.0	
30	1800	286TC	**CECP4104T-5**	8,497	SDM	28.00	475	93.6	575	28.0	
60	1800	364TC	**CECP4314T-5**	16,631	SDM	33.48	886	95.0	575	55.0	

Cast iron frame

Severe Duty XEX, three phase, totally enclosed, C-face footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1	1800	56C	**VECP3581**	1,720	SDM	14.50	66	85.5	208-230/460	1.7	
		143TC	**VECP3581T**	1,720	SDM	14.56	67	85.5	208-230/460	1.7	
	1200	145TC	**VECP3582T**	1,894	SDM	14.56	69	82.5	208-230/460	1.8	
1 1/2	1800	145TC	**VECP3584T**	1,748	SDM	14.56	71	86.5	208-230/460	2.2	
	1200	182TC	**VECP3667T**	2,249	SDM	18.16	107	87.5	208-230/460	2.5	
2	1800	145TC	**VECP3587T**	1,820	SDM	14.57	75	86.5	230/460	2.8	
	1200	184TC	**VECP3664T**	2,281	SDM	18.16	121	88.5	208-230/460	3.2	
3	1800	182TC	**VECP3661T**	2,337	SDM	18.16	109	89.5	208-230/460	4.1	
	1200	213TC	**VECP3764T**	3,364	SDM	21.36	165	90.2	230/460	4.5	30
5	1800	184TC	**VECP3665T**	2,378	SDM	18.16	119	89.5	208-230/460	6.5	
	1200	215TC	**VECP3768T**	3,403	SDM	21.36	225	90.2	230/460	7.3	30
7 1/2	1800	213TC	**VECP3770T**	3,090	SDM	21.36	170	91.7	230/460	9.5	
	1200	254TC	**VECP2276T**	5,332	SDM	27.41	338	91.0	230/460	10.7	30
10	1800	215TC	**VECP3774T**	3,650	SDM	21.36	231	92.4	230/460	12.5	
	1200	256TC	**VECP2332T**	6,674	SDM	27.41	356	91.0	230/460	14.2	30
15	1800	254TC	**VECP2333T**	5,154	SDM	27.41	314	92.4	230/460	18.1	30
	1200	284TC	**VECP4100T**	7,869	SDM	30.70	475	91.7	230/460	21.0	30
20	1800	256TC	**VECP2334T**	5,464	SDM	27.41	354	93.0	230/460	24.0	30
	1200	286TC	**VECP4102T**	10,270	SDM	30.70	503	91.7	230/460	27.0	
25	1800	284TC	**VECP4103T**	7,234	SDM	30.70	515	93.6	230/460	31.0	30
	1200	324TC	**VECP4111T**	10,809	SDM	33.03	636	93.0	230/460	32.0	30
460 volt											
1	3600	56C	**VECP3580-4**	1,573	SDM	14.50	60	84.0	460	1.4	
	1800	56C	**VECP3581-4**	1,720	SDM	14.50	66	87.5	460	1.5	
		143TC	**VECP3581T-4**	1,720	SDM	14.57	66	87.5	460	1.5	
1 1/2	3600	143TC	**VECP3583T-4**	1,775	SDM	14.57	67	85.5	460	2.0	
	1800	145TC	**VECP3584T-4**	1,748	SDM	14.56	70	86.5	460	2.3	
2	3600	145TC	**VECP3586T-4**	1,858	SDM	14.57	74	86.5	460	2.5	
	1800	145TC	**VECP3587T-4**	1,820	SDM	14.57	75	86.5	460	2.8	
3	3600	182TC	**VECP3660T-4**	2,230	SDM	18.16	103	88.5	460	3.4	
	1800	182TC	**VECP3661T-4**	2,337	SDM	18.16	108	89.5	460	4.1	
5	3600	184TC	**VECP3663T-4**	2,715	SDM	18.16	111	89.5	460	5.7	
	1800	184TC	**VECP3665T-4**	2,378	SDM	18.16	119	89.5	460	6.5	
7 1/2	3600	213TC	**VECP3769T-4**	3,636	SDM	21.36	173	89.5	460	8.9	
	1800	213TC	**VECP3770T-4**	3,090	SDM	21.36	170	91.7	460	9.5	
10	3600	215TC	**VECP3771T-4**	3,851	SDM	21.36	203	92.4	460	11.0	
	1800	215TC	**VECP3774T-4**	3,650	SDM	21.36	231	92.4	460	12.5	
15	1800	254TC	**VECP2333T-4**	5,154	SDM	27.41	303	92.4	460	18.1	
20	1800	256TC	**VECP2334T-4**	5,464	SDM	27.41	356	93.0	460	24.0	

Cast iron frame

IEEE 841 XL
1 thru 300 Hp

IP56

Features
- Meets and exceeds the requirements of IEEE Std. 841-2021
- Patented PLS lubrication system for bearing longevity
- Inverter Duty nameplate
- Meets IEEE 45 on nameplate
- Division 2, Class I, Groups A, B, C, D markings on nameplate
- IEEE 841 test report ships with the motor
- 5 year warranty
- Class F insulated motor with 1.15 service factor or higher that operates within Class “B” temperature limits at rated horsepower.
- "TR" catalog numbers are standard roller bearing.

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

IEEE 841XL, three phase, totally enclosed, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt											
1	3600	143T	**ECP83580T-4**	1,639	SD8	12.87	60	77.0	460	1.7	
		143T	**ENCP83580T-4**	1,562	SD8	11.37	56	77.0	460	1.3	60
	1800	143T	**ECP83581T-4**	1,800	SD8	12.88	69	85.5	460	1.6	
		143T	**ENCP83581T-4**	1,709	SD8	11.37	60	87.5	460	1.5	60
	1200	145T	**ECP83582T-4**	1,930	SD8	12.88	69	82.5	460	1.7	
1 1/2	3600	143T	**ECP83583T-4**	1,760	SD8	12.87	69	85.5	460	2.0	
	1800	145T	**ECP83584T-4**	1,831	SD8	12.87	73	86.5	460	2.3	
	1200	182T	**ECP83667T-4**	2,223	SD8	15.93	114	87.5	460	2.5	
2	3600	145T	**ECP83586T-4**	1,932	SD8	12.87	78	85.5	460	2.4	
	1800	145T	**ECP83587T-4**	1,913	SD8	12.87	78	86.5	460	2.8	
	1200	184T	**ECP83664T-4**	2,416	SD8	15.93	130	88.5	460	3.2	
3	3600	182T	**ECP83660T-4**	2,303	SD8	15.93	116	86.5	460	3.4	
	1800	182T	**ECP83661T-4**	2,422	SD8	15.93	116	89.5	460	4.1	
	1200	213T	**ECP83764T-4**	3,368	SD8	19.58	165	89.5	460	4.5	
5	3600	184T	**ECP83663T-4**	2,837	SD8	15.93	132	88.5	460	5.7	
	1800	184T	**ECP83665T-4**	2,468	SD8	15.93	127	89.5	460	6.5	
	1200	215T	**ECP83768T-4**	3,482	SD8	19.58	193	89.5	460	7.1	
7 1/2	3600	213T	**ECP83769T-4**	3,703	SD8	19.58	179	89.5	460	8.9	

Cast iron frame

IEEE 841XL, three phase, totally enclosed, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt											
7 1/2	1800	213T	**ECP83770T-4**	3,109	SD8	19.58	199	91.7	460	9.5	
	1200	254T	**ECP82276T-4**	5,022	SD8	24.78	343	91.0	460	10.5	
10	3600	215T	**ECP83771T-4**	3,942	SD8	19.58	225	91.0	460	11.3	
	1800	215T	**ECP83774T-4**	3,681	SD8	19.58	231	91.7	460	12.5	
	1200	256T	**ECP82332T-4**	6,411	SD8	24.78	359	91.0	460	14.1	
15	3600	254T	**ECP82394T-4**	5,130	SD8	24.78	295	91.0	460	17.0	
	1800	254T	**ECP82333T-4**	4,739	SD8	24.78	317	92.4	460	17.6	
	1200	284T	**ECP84100T-4**	7,406	SD8	28.00	447	91.7	460	19.4	
20	3600	256T	**ECP84106T-4**	5,882	SD8	24.78	305	91.0	460	22.0	
	1800	256T	**ECP82334T-4**	5,124	SD8	24.78	366	93.0	460	23.0	
	1200	286T	**ECP84102T-4**	9,981	SD8	28.00	442	91.7	460	26.0	
25	3600	284TS	**ECP84107T-4**	7,191	SD8	26.57	360	91.7	460	28.0	
	1800	284T	**ECP84103T-4**	6,646	SD8	28.00	468	93.6	460	30.0	
	1200	324T	**ECP84111T-4**	10,519	SD8	30.74	638	93.0	460	32.0	
30	3600	286TS	**ECP84108T-4**	8,614	SD8	26.57	442	91.7	460	34.0	
	1800	286T	**ECP84104T-4**	7,826	SD8	28.00	545	93.6	460	35.6	
	1200	326T	**ECP84117T-4**	13,689	SD8	30.74	637	93.0	460	38.0	
40	3600	324TS	**ECP84109T-4**	11,785	SD8	29.24	626	92.4	460	44.0	
	1800	324T	**ECP84110T-4**	10,420	SD8	30.74	629	94.1	460	46.0	
	1200	364T	**ECP84308T-4**	16,771	SD8	33.49	927	94.1	460	49.4	
50	3600	326TS	**ECP84114T-4**	12,293	SD8	29.24	623	93.0	460	55.0	
	1800	326T	**ECP84115T-4**	12,233	SD8	30.74	679	94.5	460	57.0	
	1200	365T	**ECP84312T-4**	19,527	SD8	33.49	928	94.1	460	62.0	
60	3600	364TS	**ECP84310T-4**	17,743	SD8	31.37	959	95.0	460	65.1	
	1800	364T	**ECP84314T-4**	17,565	SD8	33.49	913	95.0	460	70.0	
	1200	404T	**ECP84403T-4**	23,134	SD8	38.04	1271	95.0	460	69.0	
75	3600	365TS	**ECP84313T-4**	20,061	SD8	31.35	970	94.5	460	80.7	
	1800	365T	**ECP84316T-4**	19,939	SD8	33.49	971	95.4	460	86.8	
	1200	405T	**ECP84404T-4**	28,021	SD8	38.20	1327	94.5	460	87.0	
100	3600	405TS	**ECP84402T-4**	24,113	SD8	35.04	1277	95.0	460	110.0	
	1800	405T	**ECP84400T-4**	25,217	SD8	38.20	1299	95.4	460	112.0	
		405T	**ECP84400TR-4**	26,339	SD8	38.20	1326	95.4	460	112.0	
	1200	444T	**ECP84409T-4**	30,822	SD8	44.97	1870	95.0	460	119.0	
		444T	**ECP84409TR-4**	32,752	SD8	44.97	1599	95.0	460	119.0	
125	3600	444TS	**ECP84412T-4**	28,200	SD8	41.22	1915	95.0	460	137.0	
	1800	444T	**ECP84410T-4**	28,604	SD8	44.97	2005	95.4	460	144.0	
		444T	**ECP84410TR-4**	30,534	SD8	44.97	1669	95.4	460	144.0	
	1200	445T	**ECP84411T-4**	34,984	SD8	44.97	2083	95.0	460	146.0	
		445T	**ECP84411TR-4**	36,914	SD8	44.97	1874	95.0	460	146.0	
150	3600	445TS	**ECP84413T-4**	32,406	SD8	41.22	2053	95.0	460	164.0	
	1800	445T	**ECP84406T-4**	33,827	SD8	44.97	2184	95.8	460	169.0	
		445T	**ECP84406TR-4**	35,935	SD8	44.97	1826	95.8	460	169.0	
	1200	447T	**ECP844156T-4**	38,885	SD8	48.47	2533	95.8	460	170.0	
		447T	**ECP844156TR-4**	40,811	SD8	48.46	2537	95.8	460	170.0	
200	3600	447TS	**ECP84416T-4**	42,841	SD8	44.72	2433	96.2	460	213.0	
	1800	447T	**ECP84407T-4**	40,698	SD8	48.47	2562	96.2	460	222.0	
		447T	**ECP84407TR-4**	42,626	SD8	48.46	2608	96.2	460	222.0	

Cast iron frame

IEEE 841XL, three phase, totally enclosed, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt											
200	1200	449T	**ECP844206T-4**	51,658	SD8	53.47	3020	95.8	460	225.0	
		449T	**ECP844206TR-4**	53,586	SD8	53.27	3108	95.8	460	225.0	
250	3600	449TS	**ECP844252T-4**	54,687	SD8	49.72	2790	96.2	460	266.0	
	1800	449T	**ECP84408T-4**	51,952	SD8	53.47	2941	96.2	460	276.0	
		449T	**ECP84408TR-4**	53,828	SD8	53.27	2995	96.2	460	276.0	
575 volt											
1	3600	143T	**ECP83580T-5**	1,639	SD8	12.87	63	84.0	575	1.1	
	1800	143T	**ECP83581T-5**	1,800	SD8	12.87	67	85.5	575	1.2	
	1200	145T	**ECP83582T-5**	1,930	SD8	12.88	69	82.5	575	1.3	
1 1/2	3600	143T	**ECP83583T-5**	1,760	SD8	12.87	71	85.5	575	1.6	
	1800	145T	**ECP83584T-5**	1,831	SD8	12.87	73	86.5	575	1.7	
	1200	182T	**ECP83667T-5**	2,223	SD8	15.93	105	87.5	575	2.0	
2	3600	145T	**ECP83586T-5**	1,825	SD8	12.87	79	85.5	575	2.0	
	1800	145T	**ECP83587T-5**	1,913	SD8	12.87	77	86.5	575	2.2	
	1200	184T	**ECP83664T-5**	2,416	SD8	15.93	128	88.5	575	2.5	
3	3600	182T	**ECP83660T-5**	2,303	SD8	15.93	116	88.5	575	2.7	
	1800	182T	**ECP83661T-5**	2,422	SD8	15.93	118	89.5	575	3.3	
	1200	213T	**ECP83764T-5**	3,368	SD8	19.50	211	89.5	575	3.6	
5	3600	184T	**ECP83663T-5**	2,837	SD8	15.93	130	88.5	575	4.6	
	1800	184T	**ECP83665T-5**	2,468	SD8	15.93	127	89.5	575	5.3	
	1200	215T	**ECP83768T-5**	3,482	SD8	19.50	226	89.5	575	5.7	
7 1/2	3600	213T	**ECP83769T-5**	3,703	SD8	19.50	179	89.5	575	7.2	
	1200	254T	**ECP82276T-5**	5,269	SD8	24.78	348	91.0	575	8.4	
	1800	213T	**ECP83770T-5**	3,109	SD8	19.58	199	91.7	575	7.5	
10	3600	215T	**ECP83771T-5**	3,942	SD8	19.58	225	90.2	575	9.3	
	1800	215T	**ECP83774T-5**	3,681	SD8	19.58	231	91.7	575	9.8	
	1200	256T	**ECP82332T-5**	6,411	SD8	24.78	357	91.7	575	11.4	
15	3600	254T	**ECP82394T-5**	5,130	SD8	24.78	303	91.0	575	13.7	
	1800	254T	**ECP82333T-5**	4,739	SD8	24.78	318	92.4	575	14.1	
	1200	284T	**ECP84100T-5**	7,406	SD8	28.00	451	91.7	575	15.6	
20	3600	256T	**ECP84106T-5**	5,882	SD8	24.78	324	91.0	575	17.9	
	1800	256T	**ECP82334T-5**	5,124	SD8	24.78	361	93.0	575	18.3	
	1200	286T	**ECP84102T-5**	9,981	SD8	28.00	443	91.7	575	21.0	
25	3600	284TS	**ECP84107T-5**	7,191	SD8	26.57	506	91.7	575	23.0	
	1800	284T	**ECP84103T-5**	6,646	SD8	28.00	345	93.6	575	23.6	
	1200	324T	**ECP84111T-5**	10,519	SD8	30.74	638	93.0	575	25.4	
30	3600	286TS	**ECP84108T-5**	8,614	SD8	26.57	422	91.7	575	27.3	
	1800	286T	**ECP84104T-5**	7,826	SD8	28.00	489	93.6	575	28.0	
	1200	326T	**ECP84117T-5**	13,689	SD8	30.74	635	93.0	575	30.0	
40	3600	324TS	**ECP84109T-5**	11,785	SD8	29.24	624	92.4	575	35.0	
	1800	324T	**ECP84110T-5**	10,420	SD8	30.74	635	94.1	575	37.0	
	1200	364T	**ECP84308T-5**	16,771	SD8	33.49	922	94.1	575	39.5	
50	3600	326TS	**ECP84114T-5**	12,293	SD8	29.24	662	93.0	575	44.2	
	1800	326T	**ECP84115T-5**	12,233	SD8	30.74	653	94.5	575	45.0	
	1200	365T	**ECP84312T-5**	19,527	SD8	33.49	908	94.1	575	48.0	
60	3600	364TS	**ECP84310T-5**	17,743	SD8	31.37	932	95.0	575	52.0	
	1800	364T	**ECP84314T-5**	17,565	SD8	33.49	937	95.0	575	55.0	

Cast iron frame

IEEE 841XL, three phase, totally enclosed, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
575 volt											
60	1200	404T	**ECP84403T-5**	23,134	SD8	38.04	1275	94.5	575	55.2	
75	3600	365TS	**ECP84313T-5**	20,061	SD8	31.35	1018	94.5	575	64.5	
	1800	365T	**ECP84316T-5**	19,939	SD8	33.49	985	95.4	575	69.0	
	1200	405T	**ECP84404T-5**	28,021	SD8	38.04	1284	95.0	575	69.5	
100	3600	405TS	**ECP84402T-5**	24,113	SD8	35.04	1282	95.0	575	88.0	
	1800	405T	**ECP84400T-5**	25,217	SD8	38.04	1304	95.4	575	89.6	
	1200	444T	**ECP84409T-5**	30,822	SD8	44.97	1885	95.0	575	95.0	
125	3600	444TS	**ECP84412T-5**	28,200	SD8	41.22	1799	95.0	575	110.0	
	1800	444T	**ECP84410T-5**	28,604	SD8	44.97	1915	95.4	575	115.0	
	1200	445T	**ECP84411T-5**	34,984	SD8	44.97	2000	95.0	575	117.0	
150	3600	445TS	**ECP84413T-5**	32,406	SD8	41.22	2062	95.0	575	131.0	
	1800	445T	**ECP84406T-5**	33,827	SD8	44.97	2010	95.8	575	135.0	
	1200	447T	**ECP844156TR-5**	40,811	SD8	48.46	2550	95.8	575	136.0	
200	3600	447TS	**ECP84416T-5**	42,841	SD8	44.72	2182	95.4	575	172.0	
	1800	447T	**ECP84407T-5**	40,698	SD8	48.47	2606	96.2	575	178.0	
		447T	**ECP84407TR-5**	42,626	SD8	48.46	2618	96.2	575	178.0	
	1200	449T	**ECP844206TR-5**	53,586	SD8	53.27	3100	95.8	575	180.0	
250	3600	449TS	**ECP844252T-5**	69,026	SD8	49.72	2784	96.2	575	212.0	
	1800	449T	**ECP84408T-5**	51,952	SD8	53.47	2932	96.2	575	220.0	
		449T	**ECP84408TR-5**	53,828	SD8	53.27	2957	96.2	575	220.0	

Cast iron frame

IEEE 841XL, three phase, totally enclosed, C-face, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt											
1	3600	56C	**CECP83580-4**	2,105	SD8	14.81	56	77.0	460	1.7	10
		143TC	**CECP83580T-4**	1,709	SD8	13.38	63	77.0	460	1.7	
		143TC	**CENCP83580T-4**	1,633	SD8	12.00	61	77.0	460	1.3	60
	1800	56C	**CECP83581-4**	2,267	SD8	14.81	56	85.5	460	1.6	10
		143TC	**CECP83581T-4**	1,870	SD8	13.38	71	85.5	460	1.6	
		143TC	**CENCP83581T-4**	1,776	SD8	12.00	64	87.5	460	1.5	60
	1200	56C	**CECP83582-4**	2,397	SD8	14.81	56	82.5	460	1.7	
		145TC	**CECP83582T-4**	2,001	SD8	13.38	56	82.5	460	1.7	
1 1/2	3600	143TC	**CECP83583T-4**	1,830	SD8	13.38	71	85.5	460	2.0	
	1800	145TC	**CECP83584T-4**	1,905	SD8	13.38	75	86.5	460	2.3	
	1200	182TC	**CECP83667T-4**	2,296	SD8	16.68	99	87.5	460	2.5	
2	3600	145TC	**CECP83586T-4**	2,007	SD8	13.38	80	85.5	460	2.4	
	1800	145TC	**CECP83587T-4**	1,984	SD8	13.38	78	86.5	460	2.8	
	1200	184TC	**CECP83664T-4**	2,642	SD8	16.68	113	88.5	460	3.2	
3	3600	182TC	**CECP83660T-4**	2,439	SD8	16.69	121	88.5	460	3.4	
	1800	182TC	**CECP83661T-4**	2,584	SD8	16.69	120	89.5	460	4.1	
	1200	213TC	**CECP83764T-4**	3,530	SD8	20.23	211	89.5	460	4.5	
5	3600	184TC	**CECP83663T-4**	2,964	SD8	16.69	136	88.5	460	5.7	
	1800	184TC	**CECP83665T-4**	2,598	SD8	16.69	131	89.5	460	6.5	
	1200	215TC	**CECP83768T-4**	3,612	SD8	20.23	226	89.5	460	7.1	
7 1/2	3600	213TC	**CECP83769T-4**	3,843	SD8	20.23	179	89.5	460	8.9	
	1800	213TC	**CECP83770T-4**	3,291	SD8	20.23	178	91.7	460	9.5	
	1200	254TC	**CECP82276T-4**	5,204	SD8	25.28	346	91.0	460	10.5	
10	3600	215TC	**CECP83771T-4**	4,079	SD8	20.23	225	91.0	460	11.3	
	1800	215TC	**CECP83774T-4**	3,978	SD8	20.23	231	91.7	460	12.5	
	1200	256TC	**CECP82332T-4**	6,709	SD8	25.28	362	91.0	460	14.1	
15	3600	254TC	**CECP82394T-4**	5,578	SD8	25.28	308	91.0	460	17.0	
	1800	254TC	**CECP82333T-4**	5,446	SD8	25.28	316	92.4	460	17.6	
	1200	284TC	**CECP84100T-4**	8,114	SD8	28.00	420	91.7	460	19.4	
20	3600	256TC	**CECP84106T-4**	6,327	SD8	25.28	328	91.0	460	22.0	
	1800	256TC	**CECP82334T-4**	5,762	SD8	25.28	233	93.0	460	23.0	
	1200	286TC	**CECP84102T-4**	10,619	SD8	28.00	460	91.7	460	26.0	
25	3600	284TSC	**CECP84107T-4**	8,629	SD8	26.57	433	91.7	460	28.0	
	1800	284TC	**CECP84103T-4**	8,087	SD8	28.00	430	93.6	460	30.0	
	1200	324TC	**CECP84111T-4**	11,960	SD8	30.74	650	93.0	460	32.0	
30	3600	286TSC	**CECP84108T-4**	10,052	SD8	26.57	464	91.7	460	34.0	
	1800	286TC	**CECP84104T-4**	9,261	SD8	28.00	465	93.6	460	35.6	
	1200	326TC	**CECP84117T-4**	15,124	SD8	30.74	640	93.0	460	38.0	
40	3600	324TSC	**CECP84109T-4**	13,368	SD8	29.24	587	92.4	460	44.0	
	1800	324TC	**CECP84110T-4**	12,004	SD8	30.74	600	94.1	460	46.0	
	1200	364TC	**CECP84308T-4**	18,298	SD8	33.48	944	94.1	460	49.4	

Cast iron frame

IEEE 841XL, three phase, totally enclosed, C-face, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt											
50	3600	326TSC	**CECP84114T-4**	13,881	SD8	29.24	670	93.0	460	55.0	
	1800	326TC	**CECP84115T-4**	13,816	SD8	30.74	683	94.5	460	57.0	
	1200	365TC	**CECP84312T-4**	21,053	SD8	33.48	925	94.1	460	62.0	
60	3600	364TSC	**CECP84310T-4**	19,269	SD8	31.36	899	95.0	460	65.1	
	1800	364TC	**CECP84314T-4**	19,091	SD8	33.48	920	95.0	460	70.0	
75	3600	365TSC	**CECP84313T-4**	21,587	SD8	31.36	1007	94.5	460	80.7	
	1800	365TC	**CECP84316T-4**	21,465	SD8	33.48	993	95.4	460	86.0	
575 volt											
1	1800	143TC	**CECP83581T-5**	1,870	SD8	13.38	71	85.5	575	1.2	
2	1800	145TC	**CECP83587T-5**	1,984	SD8	13.38	80	86.5	575	2.2	
3	1800	182TC	**CECP83661T-5**	2,584	SD8	16.69	122	89.5	575	3.3	
5	1800	184TC	**CECP83665T-5**	2,598	SD8	16.69	131	89.5	575	5.3	
7 1/2	1800	213TC	**CECP83770T-5**	3,291	SD8	20.23	211	91.7	575	7.5	
10	1800	215TC	**CECP83774T-5**	3,978	SD8	20.23	231	91.7	575	9.8	
15	1800	254TC	**CECP82333T-5**	5,446	SD8	25.28	309	92.4	575	14.1	
20	1800	256TC	**CECP82334T-5**	5,762	SD8	25.28	357	93.0	575	18.3	
25	1800	284TC	**CECP84103T-5**	8,087	SD8	28.00	444	93.6	575	23.6	
30	1800	286TC	**CECP84104T-5**	9,261	SD8	28.00	487	93.6	575	28.0	
40	1800	324TC	**CECP84110T-5**	12,004	SD8	30.74	670	94.1	575	36.7	
50	1800	326TC	**CECP84115T-5**	13,816	SD8	30.74	663	94.5	575	45.0	

Cast iron frame

IEEE 841XL, three phase, totally enclosed, C-face, footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt											
1	3600	143TC	**VENCP83580T-4**	1,548	SD8	12.00	59	77.0	460	1.3	60
	1800	143TC	**VENCP83581T-4**	1,671	SD8	12.00	63	87.5	460	1.5	60
1 1/2	3600	143TC	**VECP83583T-4**	1,812	SD8	14.58	75	85.5	460	2.0	
	1800	145TC	**VECP83584T-4**	1,885	SD8	14.56	76	86.5	460	2.3	
2	3600	145TC	**VECP83586T-4**	1,987	SD8	14.58	83	85.5	460	2.4	
	1800	145TC	**VECP83587T-4**	1,965	SD8	14.56	79	86.5	460	2.8	
3	3600	182TC	**VECP83660T-4**	2,414	SD8	16.69	121	88.5	460	3.4	
	1800	182TC	**VECP83661T-4**	2,559	SD8	16.69	117	89.5	460	4.1	
5	3600	184TC	**VECP83663T-4**	2,941	SD8	16.69	132	88.5	460	5.7	
	1800	184TC	**VECP83665T-4**	2,573	SD8	16.69	128	89.5	460	6.5	
7 1/2	3600	213TC	**VECP83769T-4**	3,794	SD8	20.32	179	89.5	460	8.9	
	1800	213TC	**VECP83770T-4**	3,241	SD8	20.32	211	91.7	460	9.5	
10	3600	215TC	**VECP83771T-4**	4,029	SD8	20.32	225	91.0	460	11.3	
	1800	215TC	**VECP83774T-4**	3,928	SD8	20.32	231	91.7	460	12.5	
15	3600	254TC	**VECP82394T-4**	5,349	SD8	25.28	304	91.0	460	17.0	
	1800	254TC	**VECP82333T-4**	5,215	SD8	25.28	324	92.4	460	17.6	
20	3600	256TC	**VECP84106T-4**	6,097	SD8	25.28	341	91.0	460	22.0	
	1800	256TC	**VECP82334T-4**	5,528	SD8	25.28	355	93.0	460	23.0	

Cast iron frame

661XL / IEEE 841

5 thru 75 Hp

IP56

Features

- Exceeds the requirements of IEEE Std. 841-2021
- Roller bearing for belted applications, 40,000 hours L10 life per API 661
- "TR" catalog numbers are standard roller bearing.
- Vertical lifting provisions for shaft up and shaft down mounting
- IP56 enclosure: dome shaft slinger, bronze labyrinth shaft seal, gasketed conduit box and cover
- Division 2, Class I, Groups A, B, C, D markings on nameplate
- IEEE 841 test report ships with the motor
- 5 year warranty
- Meets IEEE 45 on nameplate
- Class F insulated motor with 1.15 service factor or higher that operates within Class “B” temperature limits at rated horsepower.

Applications

- Belt driven heat exchangers

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



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt											
5	1800	184T	**ECP63665T-4**	2,468	SD6	15.93	128	89.5	460	6.5	
7 1/2	1800	213T	**ECP63770TR-4**	3,533	SD6	19.49	195	91.7	460	9.5	
10	1800	215T	**ECP63774TR-4**	4,104	SD6	19.49	231	91.7	460	12.5	
15	1800	254T	**ECP62333TR-4**	5,300	SD6	24.86	324	92.4	460	17.6	
20	1800	256T	**ECP62334TR-4**	5,685	SD6	24.86	355	93.0	460	23.0	
25	1800	284T	**ECP64103TR-4**	7,350	SD6	28.01	461	93.6	460	30.0	
30	1800	286T	**ECP64104TR-4**	8,529	SD6	28.01	487	93.6	460	36.0	
40	1800	324T	**ECP64110TR-4**	11,314	SD6	30.76	600	94.1	460	46.0	
50	1800	326T	**ECP64115TR-4**	13,131	SD6	30.76	687	94.5	460	57.0	
60	1800	364T	**ECP64314TR-4**	17,730	SD6	33.48	936	95.0	460	70.0	
75	1800	365T	**ECP64316TR-4**	20,104	SD6	33.48	976	95.4	460	86.0	

Cast iron frame

Dirty Duty Plus
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 Duty nameplate
- Meets IEEE 45 on nameplate
- Class F insulated motor with 1.15 service factor or higher that operates within Class “B” temperature limits at rated horsepower.
- 100% copper windings on all ratings

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

Dirty Duty Plus, 3HP, TEFC, foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/2	1800	56	TEFC	**DM3538**	984	SDD	11.35	27	75.5	230/460	0.9	12, 38
3/4	1800	56	TEFC	**DM3542**	1,028	SDD	12.85	30	74.0	230/460	1.4	12, 38
1	1800	56	TEFC	**EDM3546**	1,534	SDD	12.29	35	85.5	230/460	1.6	

Dirty Duty Plus, 3HP, TEFC, C-face foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/2	3600	56C	TEFC	**CDM3537**	990	SDD	11.35	26	68.0	230/460	0.9	12, 38
	1800	56C	TEFC	**CDM3538**	1,030	SDD	11.35	29	75.5	230/460	0.9	12, 38
		56C	TENV	**CNDM3538**	1,030	SDD	11.06	34	81.5	230/460	1.0	12
	1200	56C	TEFC	**CDM3539**	1,336	SDD	12.85	30	72.0	230/460	1.3	12, 38
3/4	1800	56C	TEFC	**CDM3542**	1,070	SDD	12.85	33	74.0	230/460	1.4	12, 38
		56C	TENV	**CNDM3542**	1,070	SDD	11.06	37	82.5	230/460	1.2	
	1200	56C	TEFC	**CDM3543**	1,355	SDD	13.23	38	81.7	230/460	1.6	
1	3600	56C	TEFC	**CEDM3545**	1,426	SDD	12.23	39	84.0	230/460	1.4	12
	1800	56C	TEFC	**CEDM3546**	1,578	SDD	12.23	38	85.5	230/460	1.6	
		56C	TENV	**CNEDM3546**	1,578	SDD	12.06	41	85.5	230/460	1.7	
		143TC	TENV	**CNEDM3546T**	1,594	SDD	13.23	42	85.5	230/460	1.7	
	1200	56C	TEFC	**CEDM3556**	1,764	SDD	13.23	45	82.5	230/460	1.5	
1 1/2	3600	56C	TEFC	**CEDM3550**	1,559	SDD	12.23	42	84.0	230/460	1.9	
	1800	56C	TEFC	**CEDM3554**	1,707	SDD	13.23	42	86.5	230/460	2.3	
		145TC	TEFC	**CEDM3554T**	1,723	SDD	13.35	41	86.5	230/460	2.3	
		145TC	TENV	**CNEDM3554T**	1,723	SDD	13.00	48	87.5	230/460	2.3	
2	3600	56C	TEFC	**CEDM3555**	1,668	SDD	13.23	38	85.5	230/460	2.5	
	1800	56C	TEFC	**CEDM3558**	1,781	SDD	13.23	49	86.5	230/460	2.8	
		145TC	TEFC	**CEDM3558T**	1,797	SDD	13.35	52	86.5	230/460	2.8	
3	3600	143TC	TEFC	**CEDM3559T**	1,787	SDD	14.23	59	86.5	230/460	3.6	
	1800	182TC	TEFC	**CEDM3611T**	1,984	SDD	16.60	90	89.5	230/460	4.2	
	1200	213TC	TEFC	**CEDM3704T**	3,054	SDD	19.76	154	89.5	230/460	4.6	
5	3600	184TC	TEFC	**CEDM3613T**	2,122	SDD	16.60	97	88.5	230/460	5.9	
	1800	184TC	TEFC	**CEDM3615T**	2,029	SDD	18.10	108	89.5	230/460	6.7	
	1200	215TC	TEFC	**CEDM3708T**	3,329	SDD	21.26	181	89.5	230/460	7.2	
7 1/2	3600	213TC	TEFC	**CEDM3709T**	3,236	SDD	18.63	138	89.5	230/460	9.0	
	1800	213TC	TEFC	**CEDM3710T**	3,018	SDD	19.76	146	91.7	230/460	9.5	
10	3600	215TC	TEFC	**CEDM3711T**	3,268	SDD	18.63	138	90.2	230/460	11.6	
	1800	215TC	TEFC	**CEDM3714T**	3,287	SDD	21.26	185	91.7	230/460	12.5	

Dirty Duty Plus, 3HP, TEFC, C-face footless



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/2	3600	56C	TEFC	**VDM3537**	981	SDD	11.35	25	68.0	230/460	0.9	12, 38
	1800	56C	TEFC	**VDM3538**	1,015	SDD	11.35	28	75.5	230/460	0.9	12, 38
		56C	TENV	**VNDM3538**	1,015	SDD	11.06	35	81.5	230/460	1.0	
3/4	3600	56C	TEFC	**VDM3541**	1,037	SDD	11.35	27	72.0	230/460	1.2	12, 38
	1800	56C	TEFC	**VDM3542**	1,056	SDD	12.85	31	74.0	230/460	1.4	12, 38
		56C	TENV	**VNDM3542**	1,056	SDD	11.06	37	82.5	230/460	1.2	
1	3600	56C	TEFC	**VEDM3545**	1,426	SDD	11.97	28	77.0	230/460	1.6	
	1800	56C	TEFC	**VEDM3546**	1,578	SDD	12.23	37	85.5	230/460	1.6	
		56C	TENV	**VNEDM3546**	1,578	SDD	12.06	41	85.5	230/460	1.7	
		143TC	TENV	**VNEDM3546T**	1,594	SDD	12.12	41	85.5	230/460	1.7	
1 1/2	3600	56C	TEFC	**VEDM3550**	1,559	SDD	12.23	44	84.0	230/460	1.9	
	1800	56C	TEFC	**VEDM3554**	1,707	SDD	13.29	42	86.5	230/460	2.3	
		56C	TENV	**VNEDM3554**	1,707	SDD	12.93	48	86.5	230/460	2.1	
		145TC	TENV	**VNEDM3554T**	1,723	SDD	12.99	49	87.5	230/460	2.3	
2	3600	56C	TEFC	**VEDM3555**	1,707	SDD	13.23	41	85.5	230/460	2.5	
		143TC	TEFC	**VEDM3555T**	1,833	SDD	13.35	41	85.5	230/460	2.5	
	1800	56C	TEFC	**VEDM3558**	1,781	SDD	13.23	47	86.5	230/460	2.8	
		145TC	TEFC	**VEDM3558T**	1,797	SDD	13.35	47	86.5	230/460	2.8	
3	3600	143TC	TEFC	**VEDM3559T**	1,891	SDD	14.23	50	86.5	230/460	3.6	
	1800	182TC	TEFC	**VEDM3611T**	1,984	SDD	16.60	86	89.5	230/460	4.2	
5	1800	184TC	TEFC	**VEDM3615T**	2,029	SDD	18.10	91	89.5	230/460	6.7	
7 1/2	1800	213TC	TEFC	**VEDM3710T**	3,018	SDD	19.76	131	91.7	230/460	9.5	
10	1800	215TC	TEFC	**VEDM3714T**	3,287	SDD	21.26	147	91.7	230/460	12.0	

Quarry duty
2 thru 10 Hp

IP55

Features
- High torque NEMA Design C
- Steel band frame – cast endplates and conduit box, steel fan cover
- IP55 enclosure includes: gasketed conduit box and cover, shaft seal
- Inverter Duty
- Class F insulated motor with 1.15 service factor or higher that operates within Class “B” temperature limits at rated horsepower.
- Usable at 208V
- 100% copper windings on all ratings

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

Quarry Duty, three phase, TEFC, foot mounted, Design C, high torque



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
2	1800	145T	**EM3558T-9**	1,267	SDQ	13.29	45	86.5	230/460	2.8	
3	1800	182T	**EM3611T-9**	1,485	SDQ	18.04	83	89.5	230/460	4.3	
5	1800	184T	**EM3615T-9**	1,613	SDQ	18.04	95	89.5	230/460	7.1	35
7 1/2	1800	213T	**EM3710T-9**	2,180	SDQ	19.02	140	91.7	230/460	10.1	
10	1800	215T	**EM3714T-9**	2,537	SDQ	21.02	187	91.7	230/460	13.1	35

Crusher Duty
5 thru 600 Hp

IP66* 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
- 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
- 304 stainless steel nameplates
- Inverter Duty nameplate
- "TR" catalog numbers are standard roller bearing
- *IP55 for frame sizes up to L449. IP66 for 586/7/8 frames

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

Crusher Duty, three phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt											
5	1800	184T	**ECR9054T**	1,160	SDC	15.93	118	89.5	230/460	6.9	12
	1200	215T	**ECR9056T**	2,002	SDC	19.58	226	89.5	230/460	7.5	12
7 1/2	1800	213T	**ECR9074T**	1,635	SDC	19.58	231	91.7	230/460	10.5	12
	1200	254T	**ECR9076T**	3,100	SDC	24.77	302	91.0	230/460	10.9	12
10	1800	215T	**ECR9104T**	2,004	SDC	19.58	240	91.7	230/460	14.0	12
	1200	256T	**ECR9106T**	4,200	SDC	24.77	355	91.0	230/460	14.0	12
15	1800	254T	**ECR9154T**	2,774	SDC	24.77	325	92.4	230/460	18.6	12
	1200	284T	**ECR9156T**	4,942	SDC	28.00	491	91.7	230/460	19.4	12
20	1800	256T	**ECR9204T**	3,305	SDC	24.77	366	93.0	230/460	24.0	12
	1200	286T	**ECR9206T**	5,949	SDC	28.00	465	91.7	230/460	29.0	12
25	1800	284T	**ECR9254T**	4,119	SDC	28.00	380	93.6	230/460	31.0	12
	1200	324T	**ECR9256T**	7,113	SDC	30.66	630	93.0	230/460	34.0	12
30	1800	286T	**ECR9304T**	4,844	SDC	28.00	465	93.6	230/460	37.0	12
	1200	326T	**ECR9306T**	7,926	SDC	30.66	560	93.0	230/460	42.0	12
40	1800	324T	**ECR9404T**	6,274	SDC	30.66	645	94.1	230/460	49.0	12
	1200	365T	**ECR9406TR**	14,690	SDC	33.49	918	94.1	230/460	49.1	12
50	1800	326T	**ECR9504T**	7,657	SDC	30.66	525	94.5	230/460	61.0	12
	1200	365T	**ECR9506TR**	15,776	SDC	33.49	930	94.1	230/460	61.9	12

Cast iron frame

Crusher Duty, three phase, TEFC, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt											
50	900	404T	**ECR9508TR**	16,221	SDC	38.20	1322	92.4	230/460	79.4	12
60	1800	364T	**ECR9604T**	14,518	SDC	33.49	977	95.0	230/460	71.0	12
		364T	**ECR9604TR**	15,415	SDC	33.49	977	95.0	230/460	71.0	12
	1200	404T	**ECR9606TR**	17,206	SDC	38.04	1322	94.5	230/460	70.7	12
	900	405T	**ECR9608TR**	18,343	SDC	38.20	1420	92.4	230/460	93.2	12
75	1800	365T	**ECR9754T**	16,685	SDC	33.49	962	95.4	230/460	87.5	12
		365T	**ECR9754TR**	17,582	SDC	33.49	962	95.4	230/460	87.5	12
	1200	405T	**ECR9756TR-4**	18,106	SDC	38.20	1422	94.5	460	91.0	12
	900	444T	**ECR9758TR-4**	22,459	SDC	44.87	2027	93.6	460	98.8	12
100	1800	405T	**ECR91004T-4**	17,552	SDC	38.04	1390	95.4	460	115.0	12
		405T	**ECR91004TR-4**	17,552	SDC	38.20	1390	95.4	460	115.0	12
	1200	444T	**ECR91006TR-4**	23,471	SDC	44.75	2100	95.0	460	119.0	12
	900	445T	**ECR91008TR-4**	25,045	SDC	44.75	2150	93.6	460	133.0	12
125	1800	444T	**ECR91254T-4**	22,166	SDC	44.75	1964	95.4	460	149.0	1
		444T	**ECR91254TR-4**	22,166	SDC	44.75	1964	95.4	460	149.0	1
	1200	445T	**ECR91256TR-4**	26,974	SDC	44.75	1874	95.4	460	153.0	1
	900	447T	**ECR91258TR-4**	32,408	SDC	48.24	2380	94.1	460	171.0	1
150	1800	445T	**ECR91504T-4**	26,156	SDC	44.75	2138	95.8	460	168.0	1
		445T	**ECR91504TR-4**	26,156	SDC	44.75	1996	95.8	460	168.0	1
	1200	447T	**ECR91506TR-4**	30,990	SDC	48.24	2459	95.8	460	180.0	1
	900	449T	**ECR91508TR-4**	37,228	SDC	53.47	2648	94.5	460	203.0	1
200	1800	447T	**ECR92004T-4**	31,679	SDC	48.24	2449	96.2	460	225.0	1
		447T	**ECR92004TR-4**	31,679	SDC	48.24	2474	96.2	460	225.0	1
	1200	449T	**ECR92006TR-4**	37,738	SDC	53.24	3125	95.8	460	227.0	1
	900	L449T	**ECR92008TR-4**	46,839	SDC	60.22	3430	94.5	460	277.0	1
250	1800	449T	**ECR92504T-4**	32,131	SDC	53.24	2780	96.2	460	278.0	
		449T	**ECR92504TR-4**	32,131	SDC	53.24	2694	96.2	460	278.0	
	1200	449T	**ECR92506TR-4**	43,220	SDC	53.24	3225	95.8	460	283.0	
		586/7TZ	**ECR582506-PPN**	43,998	ICR	65.72	4300	95.8	460	295.0	1
	900	586/7T	**ECR582508-PP**	56,184	ICR	65.72	4640	95.0	460	312.0	1
		L449T	**ECR92508TR-4**	59,124	SDC	60.22	3732	95.0	460	359.0	
300	1800	449T	**ECR93004T-4**	45,024	SDC	53.24	2888	96.2	460	336.0	
		449T	**ECR93004TR-4**	45,024	SDC	53.24	2888	96.2	460	336.0	
		586/7TZ	**ECR583004-PPN**	40,623	ICR	65.72	4141	96.2	460	343.0	1
	1200	586/7TZ	**ECR583006-PPN**	51,626	ICR	65.72	4439	95.8	460	352.0	1
		L449T	**ECR93006TR-4**	56,473	SDC	60.21	3683	95.8	460	381.0	
	900	586/7T	**ECR583008-PP**	60,954	ICR	65.72	4806	95.0	460	379.0	1
350	1800	449T	**ECR93504T-4**	49,861	SDC	53.24	3027	96.2	460	390.0	
		449T	**ECR93504TR-4**	49,861	SDC	53.24	3149	96.2	460	390.0	
		586/7TZ	**ECR583504-PPN**	44,980	ICR	65.72	4307	96.2	460	396.0	1
	1200	586/7TZ	**ECR583506-PPN**	55,931	ICR	65.72	4806	95.8	460	407.0	1
		L449T	**ECR93506TR-4**	62,747	SDC	60.21	3683	95.8	460	433.0	
	900	586/7T	**ECR583508-PP**	67,192	ICR	65.72	4806	95.2	460	436.0	1
400	1800	586/7TZ	**ECR584004-PPN**	49,424	ICR	65.72	4718	96.2	460	452.0	1
		L449T	**ECR94004T-4**	57,979	SDC	53.24	3875	96.2	460	442.0	
		L449T	**ECR94004TR-4**	57,979	SDC	60.21	3875	96.2	460	442.0	
	1200	586/7TZ	**ECR584006-PPN**	61,589	ICR	65.72	4806	95.0	460	465.0	1

Cast iron frame

Crusher Duty, three phase, TEFC, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt											
450	1800	586/7TZ	**ECR584504-PPN**	56,368	ICR	65.72	4633	96.2	460	519.0	1
	1200	586/7TZ	**ECR584506-PPN**	67,416	ICR	65.72	4999	95.0	460	530.0	1
	900	586/7T	**ECR584508-PP**	77,200	ICR	75.56	5760	95.0	460	559.0	1
500	1800	586/7TZ	**ECR585004-PPN**	57,707	ICR	65.72	4718	96.2	460	576.0	1
	1200	586/7TZ	**ECR585006-PPN**	69,994	ICR	65.72	4806	95.8	460	603.0	1
600	1800	586/7TZ	**ECR586004-PPN**	65,888	ICR	65.72	5091	96.2	460	679.0	1
575 volt											
250	1200	586/7TZ	**ECR582506-5PPN**	43,998	ICR	65.72	3715	95.8	575	237.0	1
300	1800	586/7TZ	**ECR583004-5PPN**	40,623	ICR	65.72	3560	96.2	575	270.0	1
	1200	586/7TZ	**ECR583006-5PPN**	51,626	ICR	65.72	4025	95.8	575	279.0	1
350	1800	586/7TZ	**ECR583504-5PPN**	44,980	ICR	65.72	3935	96.2	575	309.0	1
	1200	586/7TZ	**ECR583506-5PPN**	55,931	ICR	65.72	4025	95.8	575	323.0	1
450	1800	586/7TZ	**ECR584504-5PPN**	56,368	ICR	65.72	4025	96.2	575	397.0	1
	1200	586/7TZ	**ECR584506-5PPN**	67,416	ICR	65.72	4820	95.0	575	416.0	1
500	1800	586/7TZ	**ECR585004-5PPN**	57,707	ICR	65.72	4025	96.2	575	455.0	1
	1200	586/7TZ	**ECR585006-5PPN**	69,994	ICR	65.72	4820	95.8	575	471.0	1
400	1800	586/7TZ	**ECR584004-5PPN**	49,424	ICR	65.72	3935	96.2	575	362.0	1
	1200	586/7TZ	**ECR584006-5PPN**	61,589	ICR	65.72	4025	95.0	575	368.0	1
600	1800	586/7TZ	**ECR586004-5PPN**	65,888	ICR	65.72	4820	96.2	575	679.0	1

Cast iron frame

Crusher Duty, three phase, TEFC, C-face foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
15	1800	254TC	**CECR9154T**	3,611	SDC	25.28	286	92.4	230/460	18.6	12
20	1800	256TC	**CECR9204T**	4,142	SDC	25.28	325	93.0	230/460	24.0	12
25	1800	284TC	**CECR9254T**	5,230	SDC	28.00	525	93.6	230/460	31.0	12
30	1800	286TC	**CECR9304T**	5,955	SDC	28.00	515	93.6	230/460	37.0	12
40	1800	324TC	**CECR9404T**	7,555	SDC	30.20	650	94.1	230/460	49.0	12
50	1800	326TC	**CECR9504T**	8,939	SDC	30.20	700	94.5	230/460	61.0	12
60	1800	364TC	**CECR9604T**	15,524	SDC	33.48	977	95.0	230/460	69.9	12
75	1800	365TC	**CECR9754T**	17,691	SDC	33.48	951	95.4	230/460	87.5	12

Cast iron frame

Division 2 capabilities

The following list of Severe duty motors are marked for Division 2, Class I, Groups 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 Temp Code	Equiv. Zone Temp Code	Inverter Temp Code	VT Speed Range (Hz)	CT Speed Range (Hz)	CHP 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
CECP2333T-5	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
CECP2334T-5	T3C	160°C	180°C	0-60	0-60	60-90
CECP3581T	T4	135°C	135°C	0-60	0-60	60-90
CECP3581T-5	T3	200°C	200°C	6-60	6-60	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
CECP3584T-5	T3	200°C	200°C	6-60	6-60	60-90
CECP3587T	T4	135°C	135°C	0-60	0-60	60-90
CECP3587T-5	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
CECP3661T-5	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
CECP3665T-5	T3	200°C	200°C	6-60	6-60	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
CECP3770T-5	T3	200°C	200°C	6-60	6-60	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
CECP3774T-5	T3	200°C	200°C	6-60	6-60	60-90

Catalog Number	Sine Wave Temp Code	Equiv. Zone Temp Code	Inverter Temp Code	VT Speed Range (Hz)	CT Speed Range (Hz)	CHP Speed Range (Hz)
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
CECP4103T-5	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
CECP4104T-5	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	T3	200°C	200°C	3-60	15-60	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
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

Catalog Number	Sine Wave Temp Code	Equiv. Zone Temp Code	Inverter Temp Code	VT Speed Range (Hz)	CT Speed Range (Hz)	CHP Speed Range (Hz)
CECP82333T-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
CECP83580-4	T4	135°C	135°C	0-60	1.7-60	60-90
CECP83580T-4	T4	135°C	135°C	3-60	6-60	60-90
CECP83581-4	T4	135°C	135°C	0-60	0-60	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
CECP83582-4	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
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
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

Catalog Number	Sine Wave Temp Code	Equiv. Zone Temp Code	Inverter Temp Code	VT Speed Range (Hz)	CT Speed Range (Hz)	CHP Speed Range (Hz)
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
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

Catalog Number	Sine Wave Temp Code	Equiv. Zone Temp Code	Inverter Temp Code	VT Speed Range (Hz)	CT Speed Range (Hz)	CHP Speed Range (Hz)
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	T3	200°C	200°C	0-60	6-60	60-90
ECP84312T-5	T3	200°C	200°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
ECP84400T-5	T3	200°C	200°C	0-60	6-60	60-90
ECP84400TR-4	T3	200°C	200°C	0-60	6-60	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
ECP84406TR-4	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	15-60	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	T3	200°C	200°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	T3	200°C	200°C	0-60	30-60	60-75
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

Catalog Number	Sine Wave Temp Code	Equiv. Zone Temp Code	Inverter Temp Code	VT Speed Range (Hz)	CT Speed Range (Hz)	CHP Speed Range (Hz)
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
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	6-60	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	3-60	60-90
ECP3764T	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	0-60	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

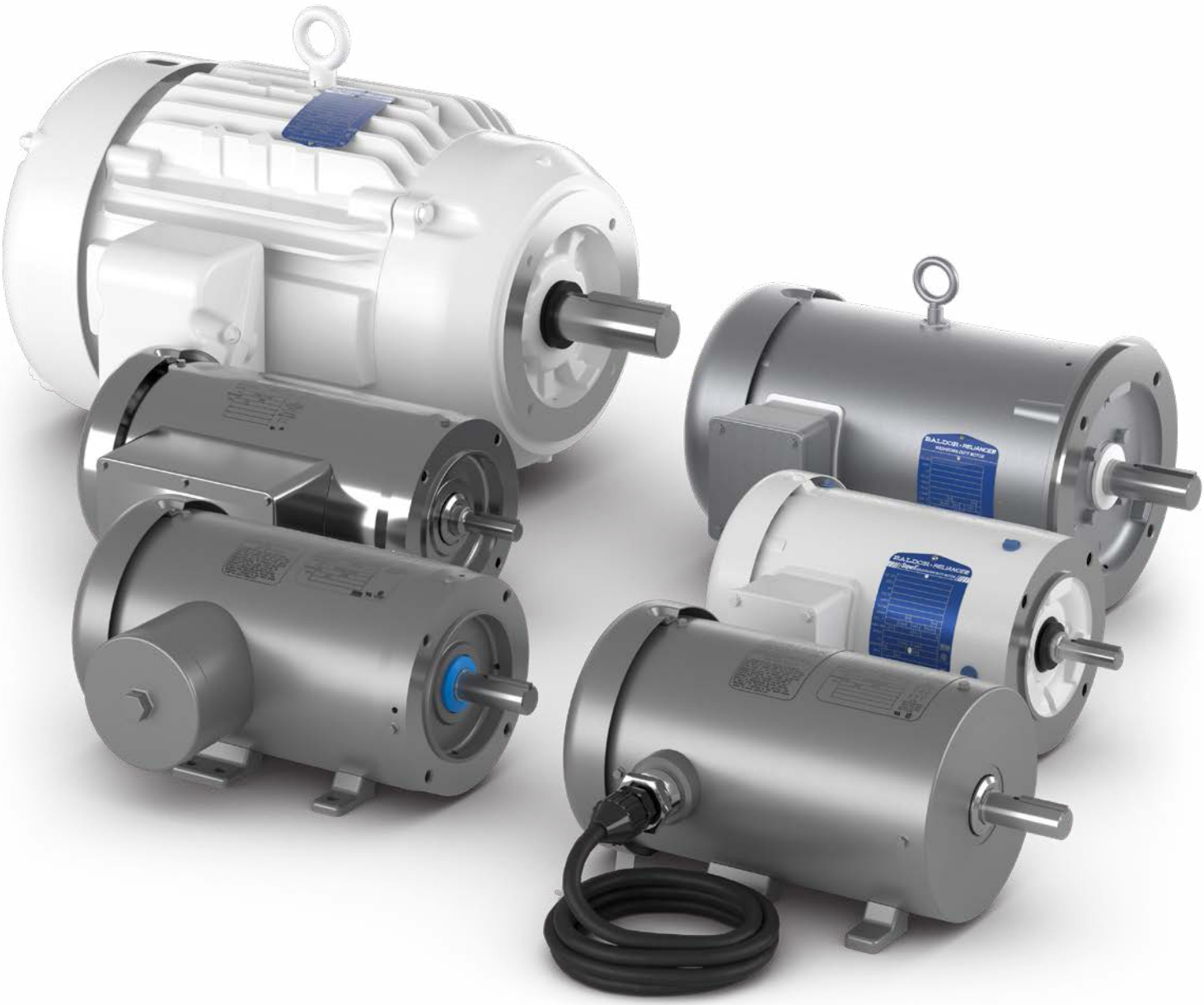
Catalog Number	Sine Wave Temp Code	Equiv. Zone Temp Code	Inverter Temp Code	VT Speed Range (Hz)	CT Speed Range (Hz)	CHP Speed Range (Hz)
ECP3769T-5	T3C	160°C	160°C	3-60	6-60	60-90
ECP3770T	T3C	160°C	160°C	0-60	0-60	60-90
ECP3770T-4	T3C	160°C	160°C	0-60	0-60	60-90
ECP3770T-5	T3C	160°C	160°C	0-60	0-60	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
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	0-60	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	T3	200°C	200°C	3-60	15-60	60-90
ECP4312T-4	T3	200°C	200°C	3-60	15-60	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

Catalog Number	Sine Wave Temp Code	Equiv. Zone Temp Code	Inverter Temp Code	VT Speed Range (Hz)	CT Speed Range (Hz)	CHP Speed Range (Hz)
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
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
ECP4408T-5	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
ECP44304T-5	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
ECP49258T-4	T2C	230°C	260°C	6-60	30-60	60-90
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

Catalog Number	Sine Wave Temp Code	Equiv. Zone Temp Code	Inverter Temp Code	VT Speed Range (Hz)	CT Speed Range (Hz)	CHP Speed Range (Hz)
ECP49354T-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP49354T-5	T2C	230°C	230°C	0-60	30-60	60-90
ECP49404T-4	T2C	230°C	230°C	0-60	30-60	60-90
ECP49404T-5	T2C	230°C	230°C	0-60	30-60	60-90
ECP49454T-4	T2C	230°C	230°C	0-60	30-60	60-90
ENCP3581T-4	T4	135°C	135°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
VENCP83580T-4	T3C	160°C	160°C	3-60	6-60	60-90
VENCP83581T-4	T4	135°C	135°C	0-60	0-60	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
VECP2276T	T3C	160°C	180°C	0-60	0-60	60-90
VECP2332T	T3C	160°C	180°C	0-60	0-60	60-90

Catalog Number	Sine Wave Temp Code	Equiv. Zone Temp Code	Inverter Temp Code	VT Speed Range (Hz)	CT Speed Range (Hz)	CHP Speed Range (Hz)
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
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

Washdown Duty



Washdown Duty

ABB's Baldor-Reliance washdown motors are highly durable and resistant to harsh cleaning environments. With robust enclosures and corrosion-resistant materials, they perform reliably in industries with stringent hygiene standards, like food and beverage processing. Adhering to NEMA efficiency standards, they ensure longevity and efficiency in demanding applications.



Food Safe single phase motors



Food Safe three phase motors



Food Safe SP5+ stainless steel



Stainless Steel



Paint Free



White Washdown



White Washdown



White Washdown, Brake Motor



White Washdown Features



Washdown lead connection kits

Product Line		Food Safe Washdown	Stainless steel	Paint free	White Washdown	White WD features
Frame Sizes	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
Windings	Class F insulation with Class B rise (most designs)	–	S	S	S	S
	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
	Variable torque TEFC/TENV premium efficient	20:1	20:1	20:1	20:1	20:1
	Constant torque TEFC/TENV premium efficient	4:1 (>10Hp 2:1)	4:1	4:1	4:1	4:1
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	–	–	–
	300 series stainless stator frame, conduit box lid and fan cover	S	S	S	–	–
Drains	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
	Stainless steel T-drains installed at 6:00, 180 frame and larger	S	–	–	–	–
Nameplate	Stainless steel nameplate affixed to band	–	–	S	S	S
	Nameplate information laser etched directly onto band	S	S	–	–	–
Conduit box	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

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

Food Safe single phase motors

1/2 thru 1 Hp

IP69

Features

- 300 series stainless steel
- Individually welded feet for ease of cleaning, Smooth heads on external drains & hardware
- Welded & polished conduit box
- Laser marked nameplate
- O-ring sealed endplates
- Internal & external shaft sealing
- 3 year warranty, NEMA Premium® efficiency
- 100% copper windings on all ratings

Applications

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

Food Safe stainless steel, single phase, C-face foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt												
1/2	3600	56C	TEFC	**CFSWDL3503**	2,289	WDF	13.96	33	59.5	115/230	3.6	12
	1800	56C	TEFC	**CFSWDL3504**	2,453	WDF	13.96	41	66.0	115/230	3.7	
3/4	3600	56C	TEFC	**CFSWDL3506**	2,534	WDF	13.96	33	64.0	115/230	4.6	12
	1800	56C	TEFC	**CFSWDL3507**	2,683	WDF	14.83	47	74.0	115/230	4.1	
1	3600	56C	TEFC	**CFSWDL3509**	2,705	WDF	13.96	41	68.0	115/230	5.8	12
	1800	56C	TEFC	**CFSWDL3510**	2,885	WDF	16.21	62	74.0	115/230	5.7	

Food Safe stainless steel, single phase, C-face footless



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt												
1/2	3600	56C	TEFC	**VFSWDL3503**	2,163	WDF	13.96	33	59.5	115/230	3.6	12
	1800	56C	TEFC	**VFSWDL3504**	2,327	WDF	13.96	41	66.0	115/230	3.7	
3/4	3600	56C	TEFC	**VFSWDL3506**	2,408	WDF	13.96	33	64.0	115/230	4.6	12
	1800	56C	TEFC	**VFSWDL3507**	2,557	WDF	14.83	47	74.0	115/230	4.1	
1	3600	56C	TEFC	**VFSWDL3509**	2,579	WDF	13.96	41	68.0	115/230	5.8	12
	1800	56C	TEFC	**VFSWDL3510**	2,759	WDF	16.26	63	74.0	115/230	5.7	

Food Safe three phase motors

1/2 thru 30 Hp

IP69

Features

- 300 series stainless steel
- Individually welded feet for ease of cleaning, Smooth heads on external drains & hardware
- Welded & polished conduit box 360° rotatable
- Epoxy encapsulated windings with Class H insulation system, Encapsulated, color-coded leads
- O-ring sealed endplates
- Internal & external shaft sealing
- 3 year warranty, NEMA Premium® efficiency
- 100% copper windings on all ratings

Applications

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

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



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/2	1800	56	TENV	**FSWDM3538-E**	2,673	WDF	11.78	35	80.0	208-230/460	0.9	
3/4	1800	56	TENV	**FSWDM3542-E**	2,766	WDF	11.78	37	82.5	208-230/460	1.2	
1	1800	56	TENV	**FSWDM3546-E**	2,892	WDF	12.78	41	85.5	230/460	1.7	30
		143T	TENV	**FSWDM3546T-E**	2,915	WDF	12.84	41	85.5	230/460	1.7	30
1 1/2	1800	145T	TEFC	**FSWDM3554T-E**	3,178	WDF	14.03	45	86.5	230/460	2.1	30
2	1800	145T	TEFC	**FSWDM3558T-E**	3,652	WDF	14.03	50	86.5	230/460	2.8	30
3	1800	182T	TEFC	**FSWDM3611T-E**	4,350	WDF	18.89	86	89.5	230/460	4.2	30
5	1800	184T	TEFC	**FSWDM3615T-E**	4,647	WDF	18.89	101	89.5	230/460	6.5	30
7 1/2	1800	213T	TEFC	**FSWDM3710T-E**	5,888	WDF	19.93	136	91.7	230/460	9.5	
10	1800	215T	TEFC	**FSWDM3714T-E**	6,958	WDF	21.37	187	92.4	230/460	12.5	30
15	1800	254T	TEFC	**FSWDM23933T-E**	11,294	WDF	24.18	304	92.4	230/460	17.5	30
20	1800	256T	TEFC	**FSWDM23934T-E**	12,946	WDF	25.18	287	93.0	230/460	24.0	
25	1800	284T	TEFC	**FSWDM41903T**	16,573	WDF	28.14	378	93.6	230/460	30.0	22
30	1800	284T	TEFC	**FSWDM41904T**	19,094	WDF	28.14	395	93.6	230/460	37.0	22

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



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/2	3600	56C	TENV	**CFSWDM3537-E**	2,691	WDF	11.78	35	84.0	208-230/460	0.7	30
	1800	56C	TENV	**CFSWDM3538-E**	2,731	WDF	11.78	38	80.0	208-230/460	0.9	
	1200	56C	TENV	**CFSWDM3539-E**	3,281	WDF	12.78	37	77.0	208-230/460	1.0	
3/4	3600	56C	TENV	**CFSWDM3541-E**	2,781	WDF	11.78	41	86.5	208-230/460	1.0	30
	1800	56C	TENV	**CFSWDM3542-E**	2,824	WDF	11.78	37	82.5	208-230/460	1.2	
	1200	56C	TENV	**CFSWDM3543-E**	3,372	WDF	13.67	45	82.5	208-230/460	1.4	
1	3600	56C	TENV	**CFSWDM3545-E**	2,920	WDF	11.78	38	82.5	230/460	1.4	30
	1800	56C	TEFC	**CFSWDM35461-E**	3,059	WDF	13.96	37	85.5	230/460	1.7	30
		56C	TENV	**CFSWDM3546-E**	2,950	WDF	12.78	37	85.5	230/460	1.7	30
		143TC	TENV	**CFSWDM3546T-E**	2,973	WDF	12.84	37	85.5	230/460	1.7	30
	1200	56C	TEFC	**CFSWDM3556-E**	3,487	WDF	14.83	45	82.5	230/460	1.9	30
		56C	TENV	**CFSWDNM3556-E**	3,382	WDF	15.04	64	82.5	230/460	2.0	
1 1/2	3600	56C	TENV	**CFSWDM3550-E**	3,087	WDF	13.67	50	85.5	230/460	1.8	30
		143TC	TENV	**CFSWDM3550T-E**	3,112	WDF	13.72	50	85.5	230/460	1.8	30
	1800	56C	TEFC	**CFSWDM3554-E**	3,152	WDF	13.96	45	86.5	230/460	2.1	30
		56C	TENV	**CFSWDNM3554-E**	3,048	WDF	15.04	59	86.5	230/460	2.0	30
		145TC	TEFC	**CFSWDM3554T-E**	3,236	WDF	14.03	48	86.5	230/460	2.1	30
		145TC	TENV	**CFSWDNM3554T-E**	3,132	WDF	15.09	59	86.5	230/460	2.0	30
	1200	182TC	TEFC	**CFSWDM3607T-E**	3,865	WDF	18.89	90	87.5	230/460	2.6	
2	3600	56C	TEFC	**CFSWDM3555-E**	3,644	WDF	14.83	50	86.5	230/460	2.5	30
		56C	TENV	**CFSWDNM3555-E**	3,487	WDF	15.04	61	88.5	230/460	2.4	
		143TC	TEFC	**CFSWDM3555T-E**	3,667	WDF	14.90	50	86.5	230/460	2.5	30
		145TC	TENV	**CFSWDNM3555T-E**	3,563	WDF	15.09	61	88.5	230/460	2.4	
	1800	56C	TEFC	**CFSWDM3558-E**	3,642	WDF	13.96	45	86.5	230/460	2.8	30
		56C	TENV	**CFSWDNM3558-E**	3,538	WDF	15.04	59	86.5	230/460	2.7	
		143TC	TEFC	**CFSWDM3558T-E**	3,710	WDF	14.03	45	86.5	230/460	2.8	30
		145TC	TENV	**CFSWDNM3558T-E**	3,606	WDF	15.09	63	86.5	230/460	2.7	
	1200	184TC	TEFC	**CFSWDM3614T-E**	4,290	WDF	18.89	101	88.5	230/460	3.5	
3	3600	56C	TEFC	**CFSWDM3559-E**	4,136	WDF	16.21	61	86.5	230/460	3.6	
		145TC	TEFC	**CFSWDM3559T-E**	4,322	WDF	16.28	61	86.5	230/460	3.7	30
		182TC	TENV	**CFSWDNM3610T-E**	4,473	WDF	17.05	96	89.5	230/460	3.5	
	1800	182TC	TEFC	**CFSWDM3611T-E**	4,454	WDF	18.89	83	89.5	230/460	4.2	30
		182TC	TENV	**CFSWDNM3611T-E**	4,320	WDF	17.05	101	89.5	230/460	4.0	30
	1200	213TC	TEFC	**CFSWDM3704T-E**	5,653	WDF	21.37	158	89.5	230/460	4.5	
5	3600	184TC	TEFC	**CFSWDM3613T-E**	4,716	WDF	17.39	84	89.5	230/460	5.6	30
	1800	184TC	TEFC	**CFSWDM3615T-E**	4,751	WDF	18.89	101	89.5	230/460	6.5	30
	1200	213TC	TEFC	**CFSWDM3708T-E**	6,695	WDF	22.12	179	89.5	230/460	7.4	30
7 1/2	3600	213TC	TEFC	**CFSWDM3709T-E**	5,916	WDF	19.49	129	91.0	230/460	8.3	30
	1800	213TC	TEFC	**CFSWDM3710T-E**	6,039	WDF	20.68	170	91.7	230/460	9.5	
	1200	254TC	TEFC	**CFSWDM22976T-E**	11,494	WDF	24.18	255	91.0	230/460	10.7	30
10	3600	215TC	TEFC	**CFSWDM3711T-E**	6,708	WDF	20.68	149	91.7	230/460	10.6	30

Red catalog number indicates **NEW** product

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

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
10	1800	215TC	TEFC	**CFSWDM3714T-E**	7,109	WDF	22.12	187	92.4	230/460	12.5	30
	1200	256TC	TEFC	**CFSWDM23932T-E**	13,067	WDF	25.18	290	91.0	230/460	15.1	
15	3600	215TC	TEFC	**CFSWDM3713T-E**	10,061	WDF	22.12	188	91.7	230/460	17.0	30
		254TC	TEFC	**CFSWDM23994T-E**	11,653	WDF	24.19	260	91.0	230/460	17.0	
	1800	254TC	TEFC	**CFSWDM23933T-E**	11,488	WDF	24.18	281	92.4	230/460	17.5	30
	1200	284TC	TEFC	**CFSWDM41900T**	14,716	WDF	28.14	488	91.7	230/460	20.0	22
20	3600	256TC	TEFC	**CFSWDM41906T-E**	13,208	WDF	25.19	295	91.0	230/460	23.0	
	1800	256TC	TEFC	**CFSWDM23934T-E**	13,140	WDF	25.18	290	93.0	230/460	24.0	
	1200	284TC	TEFC	**CFSWDM41902T**	18,817	WDF	28.14	493	91.7	230/460	26.0	22
25	3600	284TSC	TEFC	**CFSWDM41907T**	16,897	WDF	26.77	431	91.7	230/460	30.0	22
	1800	284TC	TEFC	**CFSWDM41903T**	16,802	WDF	28.14	378	93.6	230/460	30.0	22
30	3600	286TSC	TEFC	**CFSWDM41908T**	19,432	WDF	26.77	445	91.7	230/460	34.0	22
	1800	286TC	TEFC	**CFSWDM41904T**	19,323	WDF	28.14	395	93.6	230/460	37.0	22
460 volt, Simplified 3-lead connection												
1	3600	56C	TENV	**CFSWDM3545-4E**	2,920	WDF	11.78	38	82.5	460	1.4	
	1800	56C	TENV	**CFSWDM3546-4E**	2,950	WDF	12.78	37	85.5	460	1.7	
1 1/2	3600	56C	TENV	**CFSWDM3550-4E**	3,087	WDF	13.67	50	85.5	460	1.8	
	1800	56C	TENV	**CFSWDNM3554-4E**	3,048	WDF	15.04	59	86.5	460	2.1	
2	3600	145TC	TENV	**CFSWDNM3555T-4E**	3,563	WDF	15.09	61	88.5	460	2.4	
	1800	145TC	TENV	**CFSWDNM3558T-4E**	3,606	WDF	15.09	63	88.5	460	2.8	
3	3600	145TC	TEFC	**CFSWDM3559T-4E**	4,322	WDF	16.28	61	86.5	460	3.7	
	1800	182TC	TENV	**CFSWDNM3611T-4E**	4,320	WDF	17.05	101	89.5	460	4.0	
5	3600	184TC	TEFC	**CFSWDM3613T-4E**	4,716	WDF	17.39	81	89.5	460	5.6	
575 volt												
1/2	3600	56C	TENV	**CFSWDM3537-5E**	2,733	WDF	11.78	35	84.0	575	0.6	
	1800	56C	TENV	**CFSWDM3538-5E**	2,772	WDF	11.78	35	80.0	575	0.8	
3/4	1800	56C	TENV	**CFSWDM3542-5E**	2,865	WDF	11.78	41	82.5	575	0.9	
1	1800	56C	TENV	**CFSWDM3546-5E**	2,991	WDF	12.78	41	85.5	575	1.3	
		143TC	TENV	**CFSWDM3546T-5E**	3,014	WDF	12.84	43	85.5	575	1.3	
1 1/2	1800	56C	TEFC	**CFSWDM3554-5E**	3,193	WDF	13.96	45	86.5	575	1.8	
		145TC	TEFC	**CFSWDM3554T-5E**	3,278	WDF	14.03	45	86.5	575	1.8	
2	1800	56C	TEFC	**CFSWDM3558-5E**	3,642	WDF	13.96	45	86.5	575	2.2	
		145TC	TEFC	**CFSWDM3558T-5E**	3,752	WDF	14.03	45	86.5	575	2.2	
3	3600	145TC	TEFC	**CFSWDM3559T-5E**	4,363	WDF	16.28	61	86.5	575	2.9	
	1800	182TC	TEFC	**CFSWDM3611T-5E**	4,561	WDF	18.89	86	89.5	575	3.3	
5	3600	184TC	TEFC	**CFSWDM3613T-5E**	4,822	WDF	17.39	84	89.5	575	4.5	
	1800	184TC	TEFC	**CFSWDM3615T-5E**	4,857	WDF	18.89	101	89.5	575	5.1	
7 1/2	3600	213TC	TEFC	**CFSWDM3709T-5E**	5,916	WDF	19.50	131	91.0	575	6.6	
	1800	213TC	TEFC	**CFSWDM3710T-5E**	6,039	WDF	20.68	139	91.7	575	7.6	
10	3600	215TC	TEFC	**CFSWDM3711T-5E**	6,708	WDF	20.68	154	90.2	575	9.1	
	1800	215TC	TEFC	**CFSWDM3714T-5E**	7,109	WDF	22.12	187	92.4	575	10.1	
15	1800	254TC	TEFC	**CFSWDM23933T-5E**	11,488	WDF	24.18	281	92.4	575	14.2	

Red catalog number indicates **NEW** product

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



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/2	3600	56C	TENV	**VFSWDM3537-E**	2,562	WDF	11.78	35	84.0	208-230/460	0.7	30
	1800	56C	TEFC	**VFSFWDM3538-E**	2,711	WDF	12.96	35	80.0	208-230/460	0.9	
		56C	TENV	**VFSWDM3538-E**	2,607	WDF	11.78	35	80.0	208-230/460	0.9	
	1200	56C	TENV	**VFSWDM3539-E**	2,562	WDF	12.78	37	77.0	208-230/460	1.0	
3/4	3600	56C	TENV	**VFSWDM3541-E**	2,655	WDF	11.78	38	86.5	208-230/460	1.0	30
	1800	56C	TEFC	**VFSFWDM3542-E**	2,802	WDF	12.96	37	82.5	208-230/460	1.2	
		56C	TENV	**VFSWDM3542-E**	2,698	WDF	11.78	41	82.5	208-230/460	1.2	
	1200	56C	TENV	**VFSWDM3543-E**	3,246	WDF	13.67	45	82.5	208-230/460	1.4	
1	3600	56C	TENV	**VFSWDM3545-E**	2,792	WDF	11.78	37	82.5	230/460	1.4	30
	1800	56C	TEFC	**VFSFWDM3546-E**	2,928	WDF	13.96	44	85.5	230/460	1.7	30
		56C	TENV	**VFSWDM3546-E**	2,821	WDF	12.78	37	85.5	230/460	1.7	30
		143TC	TEFC	**VFSFWDM3546T-E**	2,953	WDF	14.03	37	85.5	230/460	1.7	30
		143TC	TENV	**VFSWDM3546T-E**	2,849	WDF	12.84	37	85.5	230/460	1.7	30
	1200	56C	TEFC	**VFSWDM3556-E**	3,361	WDF	14.83	45	82.5	230/460	1.9	30
1 1/2	3600	56C	TENV	**VFSWDM3550-E**	2,960	WDF	13.67	53	85.5	230/460	1.8	30
		143TC	TENV	**VFSWDM3550T-E**	2,986	WDF	13.72	50	85.5	230/460	1.8	30
	1800	56C	TEFC	**VFSWDM3554-E**	3,026	WDF	13.96	45	86.5	230/460	2.1	30
		56C	TENV	**VFSWDNM3554-E**	2,922	WDF	15.04	59	86.5	230/460	2.0	30
		145TC	TEFC	**VFSWDM3554T-E**	3,111	WDF	14.03	45	86.5	230/460	2.1	30
		145TC	TENV	**VFSWDNM3554T-E**	3,006	WDF	15.09	59	86.5	230/460	2.0	30
2	3600	56C	TENV	**VFSWDNM3555-E**	3,362	WDF	15.04	63	88.5	230/460	2.4	
		145TC	TEFC	**VFSWDM3555T-E**	3,541	WDF	14.90	50	86.5	230/460	2.5	30
		145TC	TENV	**VFSWDNM3555T-E**	3,437	WDF	15.09	63	88.5	230/460	2.4	
	1800	56C	TEFC	**VFSWDM3558-E**	3,517	WDF	13.96	56	86.5	230/460	2.8	30
		56C	TENV	**VFSWDNM3558-E**	3,412	WDF	15.04	63	86.5	230/460	2.7	
		143TC	TEFC	**VFSWDM3558T-E**	3,586	WDF	14.03	63	86.5	230/460	2.8	30
		145TC	TENV	**VFSWDNM3558T-E**	3,480	WDF	15.09	63	86.5	230/460	2.7	
3	3600	56C	TEFC	**VFSWDM3559-E**	4,174	WDF	16.21	61	86.5	230/460	3.7	30
		145TC	TEFC	**VFSWDM3559T-E**	4,191	WDF	16.28	63	86.5	230/460	3.7	30
		182TC	TENV	**VFSWDNM3610T-E**	4,312	WDF	17.05	96	89.5	230/460	3.5	
	1800	56C	TEFC	**VFSWDM3651-E**	4,271	WDF	17.53	83	89.5	230/460	4.2	
		145TC	TEFC	**VFSWDM3651T-E**	4,279	WDF	17.60	83	89.5	230/460	4.2	
		182TC	TEFC	**VFSWDM3611T-E**	4,294	WDF	18.89	86	89.5	230/460	4.2	30
		182TC	TENV	**VFSWDNM3611T-E**	4,160	WDF	17.05	101	89.5	230/460	4.0	30
5	3600	184TC	TEFC	**VFSWDM3613T-E**	4,556	WDF	17.39	81	89.5	230/460	5.6	30
	1800	184TC	TEFC	**VFSWDM3615T-E**	4,592	WDF	18.89	101	89.5	230/460	6.5	30
7 1/2	3600	213TC	TEFC	**VFSWDM3709T-E**	5,697	WDF	19.49	131	91.0	230/460	8.3	30
	1800	213TC	TEFC	**VFSWDM3710T-E**	5,818	WDF	20.68	136	91.7	230/460	9.5	
10	3600	215TC	TEFC	**VFSWDM3711T-E**	6,490	WDF	20.68	149	91.7	230/460	10.6	30
	1800	215TC	TEFC	**VFSWDM3714T-E**	6,891	WDF	22.12	187	92.4	230/460	12.5	30
15	3600	215TC	TEFC	**VFSWDM3713T-E**	9,842	WDF	22.12	187	91.7	230/460	17.0	30

Red catalog number indicates **NEW** product

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

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt, Simplified 3-lead connection												
1	3600	56C	TENV	**VFSWDM3545-4E**	2,792	WDF	12.96	38	82.5	460	1.4	
	1800	56C	TENV	**VFSWDM3546-4E**	2,821	WDF	12.78	37	85.5	460	1.7	
1 1/2	3600	56C	TENV	**VFSWDM3550-4E**	2,960	WDF	14.83	50	85.5	460	1.8	
	1800	56C	TENV	**VFSWDNM3554-4E**	2,922	WDF	16.21	59	86.5	460	2.1	
2	3600	145TC	TENV	**VFSWDNM3555T-4E**	3,437	WDF	15.09	61	88.5	460	2.4	
	1800	145TC	TENV	**VFSWDNM3558T-4E**	3,480	WDF	15.09	63	88.5	460	2.8	
3	3600	145TC	TEFC	**VFSWDM3559T-4E**	4,191	WDF	16.28	61	86.5	460	3.7	
	1800	182TC	TENV	**VFSWDNM3611T-4E**	4,160	WDF	17.05	101	89.5	460	4.0	
5	3600	184TC	TEFC	**VFSWDM3613T-4E**	4,556	WDF	17.39	81	89.5	460	5.6	
	1800	184TC	TEFC	**VFSWDM3615T-4E**	4,592	WDF	18.89	101	89.5	460	6.5	
575 volt												
1/2	1800	56C	TENV	**VFSWDM3538-5E**	2,607	WDF	11.78	35	80.0	575	0.8	
3/4	1800	56C	TENV	**VFSWDM3542-5E**	2,698	WDF	11.78	37	82.5	575	0.9	
1	1800	56C	TENV	**VFSWDM3546-5E**	2,821	WDF	12.78	39	85.5	575	1.3	
		143TC	TENV	**VFSWDM3546T-5E**	2,849	WDF	12.84	39	85.5	575	1.3	
1 1/2	1800	143TC	TEFC	**VFSWDM3554T-5E**	3,111	WDF	14.03	48	86.5	575	1.8	
2	1800	143TC	TEFC	**VFSWDM3558T-5E**	3,586	WDF	14.03	56	86.5	575	2.2	
10	1800	215TC	TEFC	**VFSWDM3714T-5E**	6,891	WDF	22.12	187	92.4	575	10.1	

Red catalog number indicates **NEW** product

Food Safe stainless steel, three phase, C-face foot mounted, encapsulated, shaft grounding ring

- Internal shaft grounding ring for bearing current mitigation



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/2	1800	56C	TENV	**CFSWDM3538-E-G**	3,156	WDF	11.78	35	80.0	208-230/460	0.9	
3/4	1800	56C	TENV	**CFSWDM3542-E-G**	3,249	WDF	11.78	37	84.0	230/460	1.3	
1	1800	56C	TENV	**CFSWDM3546-E-G**	3,375	WDF	12.78	37	85.5	230/460	1.7	30
		143TC	TENV	**CFSWDM3546T-E-G**	3,398	WDF	12.84	37	85.5	230/460	1.7	30
1 1/2	1800	56C	TENV	**CFSWDNM3554-E-G**	3,473	WDF	12.78	59	86.5	230/460	2.0	30
		145TC	TENV	**CFSWDNM3554T-E-G**	3,557	WDF	12.84	59	86.5	230/460	2.0	30
2	1800	56C	TENV	**CFSWDNM3558-E-G**	3,963	WDF	15.03	63	86.5	230/460	2.7	
		145TC	TENV	**CFSWDNM3558T-E-G**	4,031	WDF	12.84	63	86.5	230/460	2.7	
3	3600	56C	TEFC	**CFSWDM3559-E-G**	4,561	WDF	16.21	61	86.5	230/460	3.6	
	1800	182TC	TENV	**CFSWDNM3611T-E-G**	4,745	WDF	17.05	101	89.5	230/460	4.0	30
5	1800	184TC	TEFC	**CFSWDM3615T-E-G**	5,176	WDF	18.89	101	89.5	230/460	6.5	30
7 1/2	1800	213TC	TEFC	**CFSWDM3710T-E-G**	6,464	WDF	20.58	136	91.7	230/460	9.5	
10	3600	215TC	TEFC	**CFSWDM3711T-E-G**	7,133	WDF	20.58	154	91.7	230/460	10.6	30
	1800	215TC	TEFC	**CFSWDM3714T-E-G**	7,534	WDF	22.02	187	92.4	230/460	12.5	30

Red catalog number indicates **NEW** product

Food Safe stainless steel, three phase, C-face footless, encapsulated, shaft grounding ring

- Internal shaft grounding ring for bearing current mitigation



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/2	1800	56C	TENV	**VFSWDM3538-E-G**	3,032	WDF	11.78	35	80.0	208-230/460	0.9	
3/4	1800	56C	TENV	**VFSWDM3542-E-G**	3,123	WDF	11.78	37	84.0	230/460	1.3	
1	1800	56C	TENV	**VFSWDM3546-E-G**	3,246	WDF	12.78	37	85.5	230/460	1.7	30
		143TC	TENV	**VFSWDM3546T-E-G**	3,274	WDF	12.84	37	85.5	230/460	1.7	30
1 1/2	1800	56C	TENV	**VFSWDNM3554-E-G**	3,347	WDF	12.78	59	86.5	230/460	2.0	30
		145TC	TENV	**VFSWDNM3554T-E-G**	3,431	WDF	15.09	59	86.5	230/460	2.0	30
2	1800	56C	TENV	**VFSWDNM3558-E-G**	3,837	WDF	12.78	63	86.5	230/460	2.7	
		145TC	TENV	**VFSWDNM3558T-E-G**	3,905	WDF	15.09	63	86.5	230/460	2.7	
3	3600	56C	TEFC	**VFSWDM3559-E-G**	4,599	WDF	16.21	61	86.5	230/460	3.6	30
	1800	145TC	TEFC	**VFSWDM3651T-E-G**	4,704	WDF	17.59	83	89.5	230/460	4.2	
5	1800	184TC	TEFC	**VFSWDM3615T-E-G**	5,017	WDF	18.89	101	89.5	230/460	6.5	30

Red catalog number indicates **NEW** product

Food Safe stainless steel, three phase, feather picker, Encapsulated, with cord

Cord with water-tight strain relief, single voltage 460v
Design D for feather picker application found in poultry processing plants



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt, C-face foot mounted												
3	1800	145TC	TEFC	**CFSWDM3551TP-E**	4,999	WDF	16.28	59	81.5	460	4.3	
460 volt, foot mounted												
3	1800	145T	TEFC	**FSWDM3551TP-E**	4,899	WDF	16.28	59	81.5	460	4.3	

Red catalog number indicates **NEW** product

Food Safe stainless steel, three phase, feather picker, Encapsulated, with conduit box

360 rotatable conduit box, dual voltage 230/460v
Design D for feather picker application found in poultry processing plants



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt, C-face foot mounted												
3	1800	145TC	TEFC	**CFSWDM3551TP-E1**	5,099	WDF	16.28	59	81.5	230/460	4.1	
230/460 volt, foot mounted												
3	1800	145T	TEFC	**FSWDM3551TP-E1**	4,999	WDF	16.28	59	81.5	230/460	4.1	

Red catalog number indicates **NEW** product

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



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	**JMFSWDM3546T-E**	3,440	WDF	14.97	37	85.5	230/460	1.7	30
1 1/2	3600	143JM	**JMFSWDM3550T-E**	3,578	WDF	15.85	50	85.5	230/460	1.8	30
	1800	145JM	**JMFSWDM3554T-E**	3,598	WDF	16.15	45	86.5	230/460	2.1	30
2	3600	145JM	**JMFSWDM3555T-E**	4,075	WDF	17.03	50	86.5	230/460	2.5	30
	1800	145JM	**JMFSWDM3558T-E**	4,133	WDF	16.15	56	86.5	230/460	2.8	30
3	3600	145JM	**JMFSWDM3559T-E**	4,895	WDF	18.40	85	86.5	230/460	3.7	30
	1800	182JM	**JMFSWDM3611T-E**	5,139	WDF	19.72	83	89.5	230/460	4.2	30
5	3600	184JM	**JMFSWDM3613T-E**	5,535	WDF	18.22	81	89.5	230/460	5.6	30
	1800	184JM	**JMFSWDM3615T-E**	5,573	WDF	19.72	101	89.5	230/460	6.5	30
7 1/2	3600	213JM	**JMFSWDM3709T-E**	6,524	WDF	20.62	131	91.0	230/460	8.3	30
	1800	213JM	**JMFSWDM3710T-E**	6,647	WDF	21.81	139	91.7	230/460	9.5	
10	3600	215JM	**JMFSWDM3711T-E**	7,315	WDF	21.81	189	91.7	230/460	10.6	30
	1800	215JM	**JMFSWDM3714T-E**	7,717	WDF	23.25	187	92.4	230/460	12.5	30
15	3600	213JM	**JMFSWDM3713T-E**	10,588	WDF	23.25	187	91.7	230/460	17.0	30
		254JM	**JMFSWDM23994T-E**	12,328	WDF	25.68	265	91.0	230/460	17.0	
	1800	254JM	**JMFSWDM23933T-E**	12,162	WDF	25.68	281	92.4	230/460	17.5	30
20	3600	256JM	**JMFSWDM41906T-E**	13,882	WDF	26.68	295	91.0	230/460	23.0	
	1800	256JM	**JMFSWDM23934T-E**	13,814	WDF	26.68	331	93.0	230/460	24.0	

Food Safe SP5+ stainless steel

1-10Hp

SHAFT GROUNDING RING INSTALLED

IP69

Features

- 300 series stainless steel
- 360-degree rotatable conduit box
- For inverter use only per NEMA MG1 Part 31.4.4.2
- Innovative (FASR – Ferrite assisted synchronous reluctance) rotor technology
- Ultra Premium (IE5+) motor efficiency
- Internal shaft grounding
- Class H insulation system, 100% copper windings on all ratings
- Encapsulated, color-coded leads
- Internal & external shaft sealing
- 3 year warranty, NEMA Premium® efficiency

Applications

- Food Processing
- Caustic environment
- Pumps and wastewater
- High pressure washdown
- Sanitary washdown

Food Safe SP5+ stainless steel, C-face with feet



Hp	Base Speed	Frame	Encl.	Max Speed	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
1	1800	145TC	TENV	4000	CFSSP5M3546T-E-G	3,840	ECF	12.86	44	88.5	230/460	1.2	
2	1800	145TC	TENV	4000	CFSSP5M3558T-E-G	4,432	ECF	12.86	44	89.5	230/460	2.3	
3	1800	145TC	TENV	4000	CFSSP5M3551T-E-G	4,596	ECF	15.11	50	91.0	230/460	3.5	
		184TC	TENV	4000	CFSSP5M3611T-E-G	5,226	ECF	15.54	83	90.2	230/460	3.7	
5	1800	145TC	TEFC	4000	CFSSP5M3564T-E-G	4,819	ECF	16.28	70	93.0	230/460	5.2	
		184TC	TEFC	4000	CFSSP5M3615T-E-G	5,759	ECF	17.40	96	91.7	230/460	5.3	
7-1/2	1800	184TC	TEFC	4000	CFSSP5M3674T-E-G	6,538	ECF	18.93	142	93.0	230/460	8.8	
		215TC	TEFC	4000	CFSSP5M3710T-E-G	7,166	ECF	19.40	162	93.6	230/460	8.7	
10	1800	215TC	TEFC	4000	CFSSP5M3714T-E-G	8,498	ECF	20.59	132	94.5	230/460	11.0	

Red catalog number indicates **NEW** product

Food Safe SP5+ stainless steel, C-face footless



Hp	Base Speed	Frame	Encl.	Max Speed	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
1	1800	145TC	TENV	4000	**VFSSP5M3546T-E-G**	3,714	ECF	12.86	44	88.5	230/460	1.2	
2	1800	145TC	TENV	4000	**VFSSP5M3558T-E-G**	4,286	ECF	12.86	44	89.5	230/460	2.3	
3	1800	145TC	TENV	4000	**VFSSP5M3561T-E-G**	4,444	ECF	15.11	50	91.0	230/460	3.5	
		184TC	TENV	4000	**VFSSP5M3611T-E-G**	5,054	ECF	15.54	83	90.2	230/460	3.7	
5	1800	145TC	TEFC	4000	**VFSSP5M3564T-E-G**	4,660	ECF	16.28	70	93.0	230/460	5.2	
		184TC	TEFC	4000	**VFSSP5M3615T-E-G**	5,569	ECF	17.40	96	91.7	230/460	5.3	
7.5	1800	184TC	TEFC	4000	**VFSSP5M3674T-E-G**	6,323	ECF	18.93	142	93.0	230/460	8.8	
		215TC	TEFC	4000	**VFSSP5M3710T-E-G**	6,930	ECF	19.40	162	93.6	230/460	8.7	
10	1800	215TC	TEFC	4000	**VFSSP5M3714T-E-G**	8,218	ECF	20.59	132	94.5	230/460	11.0	

Red catalog number indicates **NEW** product

Stainless Steel
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
- 100% copper windings on all ratings

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

Stainless Steel, three phase, C-face foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/3	3600	56C	TENV	**CSSWDM3457**	1,736	WDS	11.09	33	74.0	208-230/460	0.6	1, 30
	1800	56C	TENV	**CSSWDM3534**	1,826	WDS	11.09	33	75.5	208-230/460	0.9	1, 12, 30
1/2	3600	56C	TENV	**CSSWDM3537**	2,050	WDS	11.09	36	70.0	208-230/460	0.9	1, 30
		56HC	TENV	**CSSWDM3537-H**	2,050	WDS	11.97	37	72.0	208-230/460	0.8	1
	1800	56C	TENV	**CSSWDM3538**	2,200	WDS	11.09	37	81.5	208-230/460	1.0	1, 12, 30
		56HC	TENV	**CSSWDM3538-H**	2,200	WDS	11.97	33	80.0	208-230/460	0.9	1
	1200	56HC	TENV	**CSSWDM3539-H**	2,373	WDS	11.97	37	78.5	208-230/460	1.0	1
3/4	3600	56C	TENV	**CSSWDM3541**	2,119	WDS	11.09	43	80.0	230/460	1.1	1, 12, 30
		56HC	TENV	**CSSWDM3541-H**	2,119	WDS	11.97	34	84.0	230/460	1.0	1, 12
	1800	56C	TENV	**CSSWDM3542**	2,277	WDS	11.09	42	82.5	208-230/460	1.2	1, 12, 30
		56HC	TENV	**CSSWDM3542-H**	2,277	WDS	11.97	34	82.5	208-230/460	1.2	1, 12
	1200	56HC	TENV	**CSSWDM3543-H**	2,575	WDS	12.85	51	82.5	230/460	1.4	1, 12
1	3600	56C	TENV	**CESSWDM3545**	2,323	WDS	11.09	39	82.5	230/460	1.4	12
		56HC	TENV	**CESSWDM3545-H**	2,323	WDS	11.97	38	84.0	230/460	1.3	12
	1800	56C	TENV	**CESSWDM3546**	2,314	WDS	11.09	41	85.5	230/460	1.7	1, 30
		56HC	TENV	**CESSWDM3546-H**	2,314	WDS	11.97	41	85.5	230/460	1.7	
		143TC	TEFC	**CESSWDM3546T**	2,348	WDS	13.42	52	85.5	230/460	1.7	1, 30
	1200	56HC	TENV	**CESSWDNM3556-H**	2,620	WDS	14.22	64	82.5	230/460	2.0	1, 30
1 1/2	3600	56C	TENV	**CESSWDM3550**	2,337	WDS	12.96	56	85.5	230/460	1.8	1, 30
		56HC	TENV	**CESSWDM3550-H**	2,337	WDS	12.85	50	85.5	230/460	1.8	1, 30
		143TC	TENV	**CESSWDM3550T**	2,356	WDS	13.23	60	85.5	230/460	1.8	1, 30
	1800	56C	TEFC	**CESSWDM3554**	2,358	WDS	13.34	41	86.5	230/460	2.3	1, 30
		56HC	TEFC	**CESSWDM3554-H**	2,358	WDS	13.03	45	86.5	230/460	2.1	1, 30
		145TC	TEFC	**CESSWDM3554T**	2,393	WDS	13.42	55	86.5	230/460	2.3	1, 30
2	3600	56HC	TENV	**CESSWDNM3555-H**	3,114	WDS	12.85	61	86.5	230/460	2.5	
		145TC	TEFC	**CESSWDM3555T**	2,855	WDS	14.30	60	86.5	208-230/460	2.5	1, 30

Stainless Steel, three phase, C-face foot mounted

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
2	1800	56C	TEFC	**CESSWDM3558**	2,841	WDS	13.34	45	86.5	230/460	2.8	8, 30
		56HC	TEFC	**CESSWDM3558-H**	2,841	WDS	13.03	45	86.5	230/460	2.7	
		143TC	TEFC	**CESSWDM3558T**	2,875	WDS	13.42	45	86.5	230/460	2.8	8, 30
3	3600	145TC	TEFC	**CESSWDM3559T**	3,440	WDS	15.67	74	86.5	208-230/460	3.7	1, 30
		182TC	TEFC	**CESSWDM3610T**	3,674	WDS	16.82	90	88.5	230/460	3.7	1, 30
	1800	182TC	TEFC	**CESSWDM3611T**	3,361	WDS	18.32	102	89.5	230/460	4.2	1, 30
5	3600	182TC	TEFC	**CESSWDM3613T**	3,909	WDS	18.32	106	89.5	230/460	5.7	30
	1800	184TC	TEFC	**CESSWDM3615T**	3,782	WDS	18.32	112	89.5	230/460	6.5	
7 1/2	3600	213TC	TEFC	**CESSWDM3709T**	4,588	WDS	18.94	166	91.0	230/460	8.3	1, 30
	1800	213TC	TEFC	**CESSWDM3710T**	4,731	WDS	20.07	137	91.7	230/460	9.5	1
10	3600	215TC	TEFC	**CESSWDM3711T**	5,119	WDS	20.07	184	91.7	230/460	10.6	1, 30
	1800	215TC	TEFC	**CESSWDM3714T**	5,218	WDS	21.57	190	92.4	230/460	12.5	1, 30
15	3600	215TC	TEFC	**CESSWDM3713T**	7,682	WDS	21.57	187	91.7	230/460	17.0	8, 30
		254TC	TEFC	**CESSWDM23994T**	10,448	WDS	24.67	293	91.0	230/460	16.5	1, 30
	1800	254TC	TEFC	**CESSWDM23933T**	10,283	WDS	24.67	293	92.4	230/460	17.5	1, 30
20	3600	256TC	TEFC	**CESSWDM41906T**	11,993	WDS	24.67	312	91.0	230/460	21.5	2
	1800	256TC	TEFC	**CESSWDM23934T**	11,925	WDS	24.67	299	93.0	230/460	24.0	8
575 volt												
1/2	1800	56C	TENV	**CSSWDM3538-5**	2,200	WDS	11.09	37	80.0	575	0.8	1, 12
3/4	1800	56C	TENV	**CSSWDM3542-5**	2,277	WDS	11.09	41	82.5	575	1.0	1, 12
1	1800	56C	TENV	**CESSWDM3546-5**	2,314	WDS	11.09	46	85.5	575	1.3	
		143TC	TEFC	**CESSWDM3546T-5**	2,348	WDS	13.42	51	85.5	575	1.3	1
1 1/2	3600	56C	TENV	**CESSWDM3550-5**	2,337	WDS	12.96	50	85.5	575	1.5	
	1800	145TC	TEFC	**CESSWDM3554T-5**	2,393	WDS	13.42	56	86.5	575	1.7	1
2	3600	145TC	TENV	**CESSWDNM3555T-5**	2,855	WDS	14.60	61	88.5	575	1.9	8
	1800	145TC	TEFC	**CESSWDM3558T-5**	2,875	WDS	13.42	64	86.5	575	2.2	8
3	3600	145TC	TEFC	**CESSWDM3559T-5**	3,440	WDS	15.67	73	86.5	575	2.9	1
		182TC	TENV	**CESSWDNM3610T-5**	3,674	WDS	19.82	96	89.5	575	2.8	8
	1800	182TC	TEFC	**CESSWDM3611T-5**	3,361	WDS	16.82	92	89.5	575	3.2	1
		182TC	TENV	**CESSWDNM3611T-5**	3,361	WDS	19.82	101	89.5	575	3.2	8
5	3600	184TC	TEFC	**CESSWDM3613T-5**	3,909	WDS	18.32	106	90.2	575	4.6	
	1800	184TC	TEFC	**CESSWDM3615T-5**	3,782	WDS	18.32	112	89.5	575	5.2	
7 1/2	3600	213TC	TEFC	**CESSWDM3709T-5**	4,588	WDS	18.94	129	91.0	575	6.7	
	1800	213TC	TEFC	**CESSWDM3710T-5**	4,731	WDS	20.07	139	91.7	575	7.6	
10	3600	215TC	TEFC	**CESSWDM3711T-5**	5,119	WDS	20.07	154	91.7	575	8.5	1
	1800	215TC	TEFC	**CESSWDM3714T-5**	5,218	WDS	21.57	185	91.7	575	9.8	1
15	1800	254TC	TEFC	**CESSWDM23933T-5**	10,283	WDS	24.67	281	92.4	575	14.2	

Stainless Steel, three phase, C-face footless



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/3	3600	56C	TENV	**VSSWDM3457**	1,685	WDS	11.09	33	74.0	208-230/460	0.6	1, 10, 30
	1800	56C	TENV	**VSSWDM3534**	1,775	WDS	11.09	35	75.5	208-230/460	0.9	1, 10, 12, 30
1/2	3600	56C	TENV	**VSSWDM3537**	2,001	WDS	11.09	37	70.0	208-230/460	0.9	2, 10, 30
	1800	56C	TEFC	**VSSFWDM3538**	2,277	WDS	12.34	40	81.5	208-230/460	1.0	1, 10, 12, 30
		56C	TENV	**VSSWDM3538**	2,154	WDS	11.08	40	81.5	230/460	1.0	1, 10, 12, 30
3/4	3600	56C	TENV	**VSSWDM3541**	2,078	WDS	11.09	41	80.0	230/460	1.1	1, 10, 12, 30
	1800	56C	TEFC	**VSSFWDM3542**	2,351	WDS	12.34	44	82.5	208-230/460	1.2	1, 10
		56C	TENV	**VSSWDM3542**	2,233	WDS	11.09	42	82.5	208-230/460	1.2	1, 10
1	1800	56C	TEFC	**VESSFWDM3546**	2,485	WDS	12.34	39	85.5	230/460	1.6	
		56C	TENV	**VESSWDM3546**	2,254	WDS	12.09	44	85.5	230/460	1.7	1, 30
		143TC	TEFC	**VESSWDM3546T**	2,289	WDS	12.41	44	85.5	230/460	1.6	1, 30
1 1/2	1800	56C	TEFC	**VESSWDM3554**	2,299	WDS	13.34	46	86.5	230/460	2.3	1, 30
		145TC	TEFC	**VESSWDM3554T**	2,333	WDS	13.42	45	86.5	230/460	2.3	1, 30
2	1800	56C	TEFC	**VESSWDM3558**	2,781	WDS	13.34	48	86.5	230/460	2.8	8, 30
		145TC	TEFC	**VESSWDM3558T**	2,816	WDS	13.42	45	86.5	230/460	2.8	8, 30
3	3600	145TC	TEFC	**VESSWDM3559T**	3,346	WDS	15.67	64	86.5	208-230/460	3.7	1, 30
	1800	182TC	TEFC	**VESSWDM3611T**	3,213	WDS	18.25	60	89.5	230/460	4.2	1, 30
5	3600	184TC	TEFC	**VESSWDM3613T**	3,761	WDS	18.25	83	90.2	230/460	5.7	30
	1800	184TC	TEFC	**VESSWDM3615T**	3,634	WDS	18.25	101	89.5	230/460	6.5	30
7 1/2	1800	213TC	TEFC	**VESSWDM3710T**	4,601	WDS	20.07	139	91.7	230/460	9.5	1
10	1800	215TC	TEFC	**VESSWDM3714T**	5,088	WDS	21.57	188	92.4	230/460	12.5	1, 30
575 volt												
1	1800	56C	TENV	**VESSWDM3546-5**	2,254	WDS	12.09	39	85.5	575	1.3	
1 1/2	1800	145TC	TEFC	**VESSWDM3554T-5**	2,333	WDS	13.41	45	86.5	575	1.7	1
2	3600	56C	TEFC	**VESSWDM3555-5**	2,725	WDS	14.22	41	86.5	575	2.0	1
	1800	145TC	TEFC	**VESSWDM3558T-5**	2,816	WDS	13.41	56	86.5	575	2.2	8
3	1800	182TC	TEFC	**VESSWDM3611T-5**	3,213	WDS	18.25	83	89.5	575	3.3	1
5	1800	184TC	TEFC	**VESSWDM3615T-5**	3,634	WDS	18.25	112	89.5	575	5.1	1
10	1800	215TC	TEFC	**VESSWDM3714T-5**	5,088	WDS	21.57	191	92.4	575	10.1	1

Paint Free
1/2 thru 10 Hp

IP55

Features
- 300 series stainless steel motor frame, shaft, conduit box lid, fan cover, motor base, and hardware
- Ball burnished aluminum endplates and conduit box
- Sealed ball bearings
- Rotating non-contact labyrinth seal
- No exterior paint
- 3 year warranty
- 100% copper windings on all ratings

Applications
- Food processing
- Outdoor applications
- Packaging

Paint-Free, three phase, C-face foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/2	3600	56C	TENV	**CSWDM3537**	1,204	WDP	11.06	29	70.0	208-230/460	0.9	2, 30
	1800	56C	TENV	**CSWDM3538**	1,177	WDP	11.06	27	81.5	230/460	1.0	1, 12, 30
	1200	56C	TENV	**CSWDM3539**	1,647	WDP	12.06	38	78.5	208-230/460	1.0	1, 12, 30
3/4	3600	56C	TENV	**CSWDM3541**	1,263	WDP	11.06	36	80.0	208-230/460	1.1	1, 12, 30
	1800	56C	TENV	**CSWDM3542**	1,359	WDP	11.06	30	82.5	230/460	1.2	1, 12, 30
	1200	56C	TENV	**CSWDM3543**	1,988	WDP	12.06	47	81.7	208-230/460	1.6	30
1	1800	56C	TENV	**CESWDM3546**	1,894	WDP	12.06	40	85.5	230/460	1.7	1, 30
		143TC	TENV	**CESWDM3546T**	1,853	WDP	12.12	39	85.5	230/460	1.7	1, 30
1 1/2	1800	56C	TENV	**CESWDM3554**	1,933	WDP	12.93	50	86.5	230/460	2.3	30
		145TC	TENV	**CESWDM3554T**	1,984	WDP	12.99	50	86.5	230/460	2.3	30
2	3600	145TC	TEFC	**CESWDM3555T**	2,350	WDP	14.16	52	86.5	208-230/460	2.5	1, 30
	1800	56C	TEFC	**CESWDM3558**	2,287	WDP	13.24	45	86.5	230/460	2.8	1, 30
		145TC	TEFC	**CESWDM3558T**	2,435	WDP	13.29	56	86.5	230/460	2.8	1, 30
3	3600	143TC	TEFC	**CESWDM3559T**	2,892	WDP	15.54	62	86.5	208-230/460	3.7	1, 30
	1800	182TC	TEFC	**CESWDM3611T**	2,979	WDP	16.50	79	89.5	230/460	4.0	1, 30
5	3600	184TC	TEFC	**CESWDM3613T**	3,667	WDP	18.00	88	90.2	230/460	5.7	30
	1800	184TC	TEFC	**CESWDM3615T**	3,466	WDP	18.00	92	89.5	230/460	6.7	1, 30
7 1/2	3600	213TC	TEFC	**CESWDM3709T**	4,629	WDP	18.68	134	91.0	230/460	8.3	1, 30
	1800	213TC	TEFC	**CESWDM3710T**	4,265	WDP	19.81	135	91.7	230/460	9.5	1
10	3600	215TC	TEFC	**CESWDM3711T**	5,131	WDP	19.81	154	91.7	230/460	10.6	1, 30
	1800	215TC	TEFC	**CESWDM3714T**	4,853	WDP	21.31	165	91.7	230/460	12.5	1
575 volt												
1/2	3600	56C	TENV	**CSWDM3537-5**	1,204	WDP	11.06	37	70.0	575	0.7	2, 10
	1800	56C	TENV	**CSWDM3538-5**	1,177	WDP	11.06	33	80.0	575	0.8	1, 10, 12

Paint-Free, three phase, C-face foot mounted

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
575 volt												
3/4	3600	56C	TENV	**CSWDM3541-5**	1,263	WDP	11.06	39	80.0	575	0.9	10, 12
	1800	56C	TENV	**CSWDM3542-5**	1,359	WDP	11.06	30	82.5	575	1.0	1, 10, 12
1	1800	56C	TENV	**CESWDM3546-5**	1,894	WDP	12.06	39	85.5	575	1.3	10
		143TC	TENV	**CESWDM3546T-5**	1,853	WDP	12.12	39	85.5	575	1.3	10
1 1/2	1800	56C	TENV	**CESWDM3554-5**	1,933	WDP	12.94	47	86.5	575	1.7	10
		145TC	TENV	**CESWDM3554T-5**	1,984	WDP	13.00	47	86.5	575	1.7	10
2	1800	56C	TENV	**CESWDNM3558-5**	2,287	WDP	14.32	56	87.5	575	2.2	10

Paint-Free, three phase, C-face footless



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/2	1800	56C	TENV	**VSWDM3538**	1,164	WDP	11.06	28	81.5	230/460	1.0	1, 12, 30
3/4	1800	56C	TENV	**VSWDM3542**	1,347	WDP	11.06	31	82.5	230/460	1.2	1, 12, 30
1	1800	56C	TENV	**VESWDM3546**	1,803	WDP	12.06	39	85.5	230/460	1.7	1, 30
		143TC	TENV	**VESWDM3546T**	1,810	WDP	12.12	43	85.5	230/460	1.7	1, 30
1 1/2	1800	56C	TENV	**VESWDM3554**	1,963	WDP	12.93	47	86.5	230/460	2.3	30
		145TC	TENV	**VESWDM3554T**	1,963	WDP	12.99	49	86.5	230/460	2.3	30
2	1800	145TC	TEFC	**VESWDM3558T**	2,241	WDP	15.54	55	88.5	230/460	2.8	1, 30
575 volt												
1/2	1800	56C	TENV	**VSWDM3538-5**	1,164	WDP	11.06	33	80.0	575	0.7	1, 10, 12
3/4	1800	56C	TENV	**VSWDM3542-5**	1,347	WDP	11.06	37	82.5	575	1.0	1, 10, 12
1	1800	56C	TENV	**VESWDM3546-5**	1,803	WDP	12.06	39	85.5	575	1.3	10
		143TC	TENV	**VESWDM3546T-5**	1,810	WDP	12.12	39	85.5	575	1.3	10
1 1/2	1800	56C	TENV	**VESWDM3554-5**	1,963	WDP	12.95	57	86.5	575	1.7	10
		145TC	TENV	**VESWDM3554T-5**	1,963	WDP	13.00	47	86.5	575	1.7	10
2	1800	145TC	TENV	**VESWDNM3558T-5**	2,235	WDP	14.38	62	87.5	575	2.2	10

Paint-Free, three phase, C-face foot mounted, Inverter Duty

Class H insulation
Not encoder adaptable



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/2	1800	56C	TENV	**IDCSWDM3538**	2,554	WDP	11.06	31	81.5	208-230/460	1.0	30
3/4	1800	56C	TENV	**IDCSWDM3542**	2,892	WDP	11.06	32	82.5	208-230/460	1.2	30
1	1800	56C	TENV	**IDCSWDM3546**	3,002	WDP	12.06	40	85.5	208-230/460	1.5	30
		143TC	TENV	**IDCSWDM3546T**	3,002	WDP	12.12	42	85.5	230/460	1.7	
1 1/2	1800	56C	TEFC	**IDCSWDM3554**	3,211	WDP	13.22	51	86.5	230/460	2.3	
		145TC	TEFC	**IDCSWDM3554T**	3,211	WDP	13.29	49	86.5	230/460	2.3	
2	1800	56C	TEFC	**IDCSWDM3558**	3,430	WDP	13.24	44	86.5	230/460	2.8	
		145TC	TEFC	**IDCSWDM3558T**	3,430	WDP	13.29	48	86.5	230/460	2.8	
3	1800	182TC	TEFC	**IDCSWDM3611T**	3,761	WDP	18.00	85	89.5	230/460	4.2	
5	1800	184TC	TEFC	**IDCSWDM3615T**	4,377	WDP	18.00	99	89.5	230/460	6.5	
7 1/2	1800	213TC	TEFC	**IDCSWDM3710T**	6,626	WDP	19.81	136	91.7	230/460	9.5	
10	1800	215TC	TEFC	**IDCSWDM3714T**	7,576	WDP	21.31	187	92.4	230/460	12.5	

Paint-Free, three phase, C-face footless, Inverter Duty

Class H insulation
Not encoder adaptable



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/2	1800	56C	TENV	**IDVSWDM3538**	2,533	WDP	11.06	32	81.5	230/460	1.0	
3/4	1800	56C	TENV	**IDVSWDM3542**	2,878	WDP	11.06	35	82.5	230/460	1.2	
1	1800	56C	TENV	**IDVSWDM3546**	2,987	WDP	12.06	40	85.5	230/460	1.7	
		143TC	TENV	**IDVSWDM3546T**	2,987	WDP	12.12	40	85.5	230/460	1.7	
1 1/2	1800	56C	TEFC	**IDVSWDM3554**	3,195	WDP	13.22	50	86.5	230/460	2.3	
		145TC	TEFC	**IDVSWDM3554T**	3,195	WDP	13.29	50	86.5	230/460	2.3	
2	1800	56C	TEFC	**IDVSWDM3558**	3,402	WDP	13.24	45	86.5	230/460	2.8	
		145TC	TEFC	**IDVSWDM3558T**	3,402	WDP	13.29	46	86.5	230/460	2.8	
3	1800	182TC	TEFC	**IDVSWDM3611T**	3,577	WDP	18.00	80	89.5	230/460	4.2	
5	1800	184TC	TEFC	**IDVSWDM3615T**	4,169	WDP	18.00	97	89.5	230/460	6.5	

White Washdown
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
- 100% copper windings on all ratings

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

White Washdown, single phase, foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt												
1/2	1800	56	TEFC	**WDL3504**	1,024	WDW	12.23	34	66.0	115/230	3.5	1, 12, 30
3/4	1800	56	TEFC	**WDL3507**	1,199	WDW	13.22	37	70.0	115/230	5.0	1, 12, 30
1	1800	56	TEFC	**WDL3510**	1,386	WDW	13.23	41	74.0	115/230	6.3	1, 30
1 1/2	1800	143T	TEFC	**WDL3514T**	1,708	WDW	14.16	50	80.0	115/230	6.1	1, 30

White Washdown, single phase, C-face foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt												
1/2	1800	56C	TEFC	**CWDL3504**	1,072	WDW	12.23	35	66.0	115/230	3.5	1, 12, 30
3/4	1800	56C	TEFC	**CWDL3507**	1,248	WDW	13.22	36	70.0	115/230	5.0	1, 12, 30
1	3600	56C	TEFC	**CWDL3509**	1,169	WDW	12.22	37	68.0	115/230	5.9	1, 12, 30
	1800	56C	TEFC	**CWDL3510**	1,434	WDW	13.23	41	74.0	115/230	6.3	1, 30
1 1/2	3600	56C	TEFC	**CWDL3513**	1,444	WDW	13.22	41	70.0	115/230	8.0	1, 30
	1800	56C	TEFC	**CWDL3514**	1,717	WDW	14.12	50	80.0	115/230	6.1	1, 30

White Washdown, single phase, C-face footless



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt												
1/2	1800	56C	TEFC	**VWDL3504**	1,028	WDW	12.25	35	66.0	115/230	3.5	1, 12, 30
3/4	1800	56C	TEFC	**VWDL3507**	1,207	WDW	13.22	36	70.0	115/230	5.0	1, 12, 30
1	1800	56C	TEFC	**VWDL3510**	1,382	WDW	13.25	42	74.0	115/230	6.3	1, 30
1 1/2	1800	56C	TEFC	**VWDL3514**	1,658	WDW	14.10	48	80.0	115/230	6.1	1, 30

White Washdown
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, NEMA Premium® efficiency
- 100% copper windings on all ratings

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

White Washdown, three phase, foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/2	1800	56	TENV	**WDM3538**	1,023	WDW	11.06	27	81.5	230/460	1.0	1, 12, 30
3/4	1800	56	TENV	**WDM3542**	1,093	WDW	11.06	30	82.5	230/460	1.2	1, 12, 30
1	3600	143T	TENV	**EWDM3545T**	1,447	WDW	11.12	35	82.5	230/460	1.3	1
	1800	56	TENV	**EWDM3546**	1,490	WDW	12.06	39	85.5	230/460	1.7	1, 30
		143T	TENV	**EWDM3546T**	1,526	WDW	12.12	39	85.5	230/460	1.7	1, 30
	1200	145T	TEFC	**EWDM3556T**	1,754	WDW	13.29	41	82.5	230/460	1.5	1
	900	182T	TEFC	**EWDM3617T**	2,890	WDW	16.54	65	75.5	230/460	2.3	1
1 1/2	3600	143T	TENV	**EWDM3550T**	1,495	WDW	12.12	48	85.5	230/460	2.0	
	1800	145T	TENV	**EWDM3554T**	1,678	WDW	12.99	49	86.5	230/460	2.3	30
	1200	182T	TEFC	**EWDM3607T**	1,940	WDW	16.54	91	87.5	230/460	2.4	1
	900	184T	TEFC	**EWDM3618T**	3,395	WDW	18.04	95	78.5	230/460	3.0	1
2	3600	145T	TEFC	**EWDM3555T**	1,885	WDW	14.17	50	86.5	230/460	2.5	1
	1800	143T	TEFC	**EWDM3558T**	1,969	WDW	13.29	46	86.5	230/460	2.8	1, 30
	1200	184T	TEFC	**EWDM3614T**	2,174	WDW	18.04	100	88.5	230/460	3.5	1
	900	213T	TEFC	**EWDM3702T**	4,746	WDW	19.02	111	85.5	230/460	3.5	1
3	3600	182T	TEFC	**EWDM3610T**	2,053	WDW	15.17	50	86.5	230/460	3.6	1
	1800	182T	TEFC	**EWDM3611T**	2,458	WDW	16.54	73	89.5	230/460	4.2	1, 30
	1200	213T	TEFC	**EWDM3704T**	2,819	WDW	19.02	139	89.5	230/460	4.6	1
	900	215T	TEFC	**EWDM3705T**	5,243	WDW	19.04	111	86.5	230/460	5.2	1
5	3600	184T	TEFC	**EWDM3613T**	2,962	WDW	16.54	74	88.5	230/460	5.9	1
	1800	184T	TEFC	**EWDM3615T**	2,798	WDW	18.04	90	89.5	230/460	6.7	1, 30
	1200	215T	TEFC	**EWDM3708T**	3,188	WDW	20.52	185	89.5	230/460	7.2	1
7 1/2	3600	213T	TEFC	**EWDM3709T**	4,146	WDW	17.89	129	89.5	230/460	9.0	1
	1800	213T	TEFC	**EWDM3710T**	3,502	WDW	19.04	129	91.7	230/460	9.5	1, 30
	1200	254T	TEFC	**EWDM22976T**	6,050	WDW	23.57	265	91.0	230/460	10.7	1
10	3600	215T	TEFC	**EWDM3711T**	4,387	WDW	17.89	123	90.2	230/460	11.6	1

White Washdown, three phase, foot mounted

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
10	1800	215T	TEFC	**EWDM3714T**	3,815	WDW	20.54	165	91.7	230/460	12.5	1
	1200	256T	TEFC	**EWDM23932T**	6,939	WDW	23.57	276	91.0	230/460	14.7	30
15	3600	254T	TEFC	**EWDM23994T**	8,365	WDW	22.32	169	91.0	230/460	15.3	1
	1800	254T	TEFC	**EWDM23933T**	8,228	WDW	23.57	248	92.4	230/460	18.0	1, 30
20	3600	256T	TEFC	**EWDM41906T**	9,643	WDW	23.57	242	91.0	230/460	23.0	
	1800	256T	TEFC	**EWDM23934T**	9,589	WDW	23.57	269	93.0	230/460	24.0	1, 30

White Washdown, three phase, C-face foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/3	1800	56C	TENV	**CWDM3534**	891	WDW	11.06	33	75.5	208-230/460	0.9	1
	3600	56C	TENV	**CWDM3537**	995	WDW	11.06	29	70.0	208-230/460	0.9	1, 12
		56HC	TENV	**CWDM3537-H**	995	WDW	11.91	37	70.0	208-230/460	0.9	1, 12
1/2	1800	56C	TENV	**CWDM3538**	1,077	WDW	11.06	28	81.5	230/460	1.0	1, 12, 30
		56HC	TENV	**CWDM3538-H**	1,077	WDW	11.91	33	80.0	208-230/460	0.9	1, 12
	1200	56C	TENV	**CWDM3539**	1,360	WDW	12.06	37	77.0	208-230/460	1.0	1, 12
		56HC	TENV	**CWDM3539-H**	1,360	WDW	11.91	37	77.0	208-230/460	1.0	1, 12
	3600	56C	TENV	**CWDM3541**	1,042	WDW	11.06	35	80.0	230/460	1.1	1, 12, 30
		56HC	TENV	**CWDM3541-H**	1,042	WDW	11.91	34	80.0	230/460	1.1	1, 12
3/4	1800	56C	TENV	**CWDM3542**	1,167	WDW	11.07	29	82.5	230/460	1.2	1, 12, 30
		56HC	TENV	**CWDM3542-H**	1,167	WDW	11.91	30	82.5	208-230/460	1.2	1, 12, 30
	1200	56C	TENV	**CWDM3543**	1,642	WDW	12.07	46	81.7	230/460	1.6	1
		56HC	TENV	**CWDM3543-H**	1,642	WDW	11.91	45	81.7	230/460	1.6	
1	3600	56C	TEFC	**CEWDM3545**	1,711	WDW	12.22	33	77.0	230/460	1.4	1, 12
		56C	TENV	**CEWDNM3545**	1,615	WDW	11.06	35	82.5	230/460	1.3	
		56HC	TENV	**CEWDNM3545-H**	1,615	WDW	11.91	35	82.5	230/460	1.3	1, 12, 30
		143TC	TENV	**CEWDM3545T**	1,675	WDW	12.12	35	82.5	230/460	1.3	1
	1800	56C	TENV	**CEWDM3546**	1,719	WDW	12.05	41	85.5	230/460	1.7	30
		56HC	TENV	**CEWDM3546-H**	1,719	WDW	11.91	39	85.5	230/460	1.7	1, 30
		143TC	TENV	**CEWDM3546T**	1,754	WDW	12.13	37	85.5	230/460	1.7	30
	1200	56C	TEFC	**CEWDM3556**	1,930	WDW	13.24	43	82.5	230/460	1.5	1, 30
		56HC	TEFC	**CEWDM3556-H**	1,930	WDW	13.08	41	82.5	230/460	1.5	1
		145TC	TEFC	**CEWDM3556T**	1,981	WDW	13.28	41	82.5	230/460	1.5	1
	900	182TC	TEFC	**CEWDM3617T**	3,089	WDW	16.54	65	75.5	230/460	2.3	1, 30
1 1/2	3600	56C	TENV	**CEWDM3550**	1,759	WDW	12.06	46	85.5	230/460	2.0	1, 30
		56HC	TENV	**CEWDM3550-H**	1,759	WDW	11.91	48	85.5	230/460	2.0	1
		143TC	TENV	**CEWDM3550T**	1,797	WDW	12.12	48	85.5	230/460	2.0	1
	1800	56C	TENV	**CEWDM3554**	1,798	WDW	15.05	50	86.5	230/460	2.3	30
		56HC	TENV	**CEWDM3554-H**	1,798	WDW	12.78	56	86.5	230/460	2.1	
		145TC	TENV	**CEWDM3554T**	1,836	WDW	13.00	48	86.5	230/460	2.3	30
	1200	182TC	TEFC	**CEWDM3607T**	2,139	WDW	16.54	72	87.5	230/460	2.4	1, 30
	900	184TC	TEFC	**CEWDM3618T**	3,595	WDW	18.04	101	78.5	230/460	3.0	1
2	3600	56HC	TEFC	**CEWDM3555-H**	1,902	WDW	13.08	41	85.5	230/460	2.5	1
		56HCY	TEFC	**CEWDM3555**	1,902	WDW	13.23	35	85.5	230/460	2.5	1, 30
		145TC	TEFC	**CEWDM3555T**	1,940	WDW	13.29	45	85.5	230/460	2.5	1, 30
	1800	56C	TEFC	**CEWDM3558**	1,961	WDW	13.22	48	86.5	230/460	2.8	1, 30
		56HC	TEFC	**CEWDM3558-H**	1,961	WDW	13.08	48	86.5	230/460	2.8	1, 30
		145TC	TEFC	**CEWDM3558T**	2,024	WDW	13.29	46	86.5	230/460	2.8	1, 30
		145TC	TENV	**CEWDNM3558T**	1,976	WDW	14.37	54	86.5	230/460	2.7	1, 30
	1200	184TC	TEFC	**CEWDM3614T**	2,373	WDW	18.04	93	88.5	230/460	3.5	1, 30
	900	213TC	TEFC	**CEWDM3702T**	5,054	WDW	19.76	111	85.5	230/460	3.5	1
3	3600	145TC	TEFC	**CEWDM3559T**	2,389	WDW	14.17	60	86.5	230/460	3.6	1, 30

White Washdown, three phase, C-face foot mounted

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
3	3600	182TC	TEFC	**CEWDM3610T**	2,253	WDW	15.18	57	86.5	230/460	3.6	1, 30
	1800	182TC	TEFC	**CEWDM3611T**	2,658	WDW	16.54	78	89.5	230/460	4.2	1, 30
	1200	213TC	TEFC	**CEWDM3704T**	3,127	WDW	19.78	136	89.5	230/460	4.6	1, 30
	900	215TC	TEFC	**CEWDM3705T**	5,758	WDW	19.76	111	86.5	230/460	5.2	1
5	3600	184TC	TEFC	**CEWDM3613T**	3,162	WDW	16.54	80	88.5	230/460	5.8	1, 30
	1800	184TC	TEFC	**CEWDM3615T**	3,012	WDW	18.04	96	89.5	230/460	6.7	1, 30
	1200	215TC	TEFC	**CEWDM3708T**	3,703	WDW	21.27	185	89.5	230/460	7.2	1, 30
7 1/2	3600	184TC	TEFC	**CEWDM3616T**	3,758	WDW	18.04	101	89.5	230/460	8.4	1, 30
		213TC	TEFC	**CEWDM3709T**	4,454	WDW	18.64	143	89.5	230/460	9.0	1, 30
	1800	213TC	TEFC	**CEWDM3710T**	3,810	WDW	19.78	151	91.7	230/460	9.5	1, 30
	1200	254TC	TEFC	**CEWDM22976T**	6,358	WDW	23.56	280	91.0	230/460	11.0	1, 30
10	3600	215TC	TEFC	**CEWDM3711T**	4,902	WDW	18.64	122	90.2	230/460	11.6	1, 30
	1800	215TC	TEFC	**CEWDM3714T**	4,331	WDW	21.27	165	91.7	230/460	12.5	1
	1200	256TC	TEFC	**CEWDM23932T**	7,227	WDW	23.56	289	91.0	230/460	15.1	30
15	3600	215TC	TEFC	**CEWDM3713T**	6,160	WDW	21.26	174	91.0	230/460	17.0	1, 30
		254TC	TEFC	**CEWDM23994T**	8,653	WDW	21.89	188	91.0	230/460	16.6	1, 30
	1800	254TC	TEFC	**CEWDM23933T**	8,517	WDW	23.56	256	92.4	230/460	18.0	1, 30
20	3600	256TC	TEFC	**CEWDM41906T**	9,931	WDW	23.56	274	91.0	230/460	23.0	1
	1800	256TC	TEFC	**CEWDM23934T**	9,877	WDW	23.56	283	93.0	230/460	24.0	1, 30
575 volt												
1/2	1800	56C	TENV	**CWDM3538-5**	1,077	WDW	11.07	26	80.0	575	0.8	1, 12
3/4	1800	56C	TENV	**CWDM3542-5**	1,167	WDW	11.06	35	82.5	575	1.0	1, 12
1	1800	56C	TENV	**CEWDM3546-5**	1,719	WDW	12.06	39	85.5	575	1.3	
		143TC	TENV	**CEWDM3546T-5**	1,754	WDW	12.12	38	85.5	575	1.3	
1 1/2	1800	145TC	TENV	**CEWDM3554T-5**	1,836	WDW	13.00	46	86.5	575	1.7	1
2	1800	145TC	TEFC	**CEWDM3558T-5**	2,024	WDW	13.29	46	86.5	575	2.2	1
3	3600	145TC	TEFC	**CEWDM3559T-5**	2,389	WDW	14.17	52	86.5	575	2.9	1
	1800	182TC	TEFC	**CEWDM3611T-5**	2,658	WDW	16.54	77	89.5	575	3.3	1
5	3600	184TC	TEFC	**CEWDM3613T-5**	3,162	WDW	16.54	70	88.5	575	4.7	1
	1800	184TC	TEFC	**CEWDM3615T-5**	3,012	WDW	18.04	94	89.5	575	5.3	1
7 1/2	3600	213TC	TEFC	**CEWDM3709T-5**	4,454	WDW	19.78	143	91.0	575	7.0	10
	1800	213TC	TEFC	**CEWDM3710T-5**	3,810	WDW	19.78	130	91.7	575	7.6	1
10	3600	215TC	TEFC	**CEWDM3711T-5**	4,902	WDW	18.64	122	90.2	575	9.5	10
	1800	215TC	TEFC	**CEWDM3714T-5**	4,331	WDW	21.27	165	91.7	575	9.6	1
15	1800	254TC	TEFC	**CEWDM23933T-5**	8,517	WDW	23.56	258	92.4	575	14.5	1
20	1800	256TC	TEFC	**CEWDM23934T-5**	9,877	WDW	23.56	289	91.0	575	19.0	1

White Washdown, three phase, C-face footless



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/3	1800	56C	TENV	**VWDM3534**	855	WDW	11.05	33	75.5	208-230/460	0.9	1, 12
1/2	1800	56C	TEFC	**VFWDM3538**	1,116	WDW	12.22	29	81.5	230/460	1.0	1, 12, 30
		56C	TENV	**VEWDM3538**	1,429	WDW	11.06	20	81.5	230/460	1.0	1, 30
		56C	TENV	**VWDM3538**	1,069	WDW	11.06	29	81.5	230/460	1.0	1, 12, 30
3/4	1800	56C	TEFC	**VFWDM3542**	1,207	WDW	12.22	31	82.5	230/460	1.2	1, 12, 30
		56C	TENV	**VEWDM3542**	1,573	WDW	11.06	32	82.5	230/460	1.2	1, 12, 30
		56C	TENV	**VWDM3542**	1,161	WDW	11.05	33	82.5	230/460	1.2	1, 12
1	1800	56C	TEFC	**VEFWDM3546**	1,749	WDW	12.22	38	85.5	230/460	1.6	1, 30
		56C	TENV	**VEWDM3546**	1,703	WDW	12.06	40	85.5	230/460	1.7	1, 30
		143TC	TEFC	**VEFWDM3546T**	1,762	WDW	12.28	36	85.5	230/460	1.6	1, 30
		143TC	TENV	**VEWDM3546T**	1,716	WDW	12.12	40	85.5	230/460	1.7	1, 30
1 1/2	1800	56C	TENV	**VEWDM3554**	1,828	WDW	12.93	48	86.5	230/460	2.3	30
		145TC	TEFC	**VEFWDM3554T**	1,890	WDW	13.28	43	86.5	230/460	2.3	1, 30
		145TC	TENV	**VEWDM3554T**	1,843	WDW	12.99	48	86.5	230/460	2.3	30
2	1800	56C	TEFC	**VEWDM3558**	1,945	WDW	13.22	46	86.5	230/460	2.8	1, 30
		143TC	TEFC	**VEWDM3558T**	1,983	WDW	13.29	47	86.5	230/460	2.8	1, 30
3	3600	56C	TEFC	**VEWDM3559**	2,253	WDW	14.10	50	86.5	230/460	3.6	1, 30
		145TC	TEFC	**VEWDM3559T**	2,274	WDW	14.16	50	86.5	230/460	3.6	1, 30
	1800	56C	TEFC	**VEWDM3561**	2,172	WDW	15.61	73	89.5	230/460	4.2	1, 30
		145TC	TEFC	**VEWDM3561T**	2,197	WDW	15.68	73	89.5	230/460	4.2	1, 30
		145TC	TENV	**VEWDM3651T**	2,510	WDW	15.63	70	89.5	230/460	4.1	1, 30
		182TC	TEFC	**VEWDM3611T**	2,491	WDW	16.54	73	89.5	230/460	4.2	1, 30
5	1800	184TC	TEFC	**VEWDM3615T**	2,824	WDW	18.05	89	89.5	230/460	6.7	1, 30
7 1/2	1800	213TC	TEFC	**VEWDM3710T**	3,777	WDW	19.78	121	91.7	230/460	9.5	1, 30
10	1800	215TC	TEFC	**VEWDM3714T**	4,059	WDW	21.27	165	91.7	230/460	12.5	1, 30
575 volt												
1/2	1800	56C	TENV	**VWDM3538-5**	1,069	WDW	11.06	28	80.0	575	0.8	1, 12
3/4	1800	56C	TENV	**VWDM3542-5**	1,161	WDW	11.06	32	82.5	575	1.0	1, 12

White Washdown, three phase, C-face foot mounted, Inverter Duty

Inverter Duty 1000:1 CT
Encoder mounting provisions, Class H insulation, thermostats



Hp	Base Speed	Frame	Encl.	Max Speed	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
1	1800	143TC	TENV	2700	**IDWNM3546T**	2,554	WDW	14.90	41	85.5	230/460	1.7	
1 1/2	1800	145TC	TENV	4500	**IDWNM3554T**	2,813	WDW	15.78	52	86.5	230/460	2.3	
2	1800	182TC	TENV	6000	**IDWNM3609T**	3,316	WDW	17.78	77	88.5	230/460	2.9	
3	1800	184TC	TENV	6000	**IDWNM3611T**	3,376	WDW	19.28	90	89.5	230/460	4.1	
5	1800	213TC	TENV	4000	**IDWNM3707T**	3,820	WDW	19.84	122	89.5	230/460	6.2	
7 1/2	1800	254TC	TENV	5000	**IDWNM22937T**	6,804	WDW	23.99	283	91.7	230/460	8.9	
10	1800	254TC	TENV	5000	**IDWNM22938T**	6,929	WDW	23.99	287	91.7	230/460	12.0	

White Washdown, three phase, C-face foot mounted, Vector Duty

Inverter Duty 1000:1 CT
HS25 Encoder mounted, Class H insulation, thermostats



Hp	Base Speed	Frame	Encl.	Max Speed	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
1	1800	143TC	TENV	2700	**ZDWNM3546T**	5,116	WDW	14.90	44	85.5	230/460	1.7	
1 1/2	1800	145TC	TENV	4500	**ZDWNM3554T**	5,375	WDW	15.48	56	86.5	230/460	2.3	
2	1800	182TC	TENV	6000	**ZDWNM3609T**	5,888	WDW	17.77	71	88.5	230/460	2.9	
3	1800	184TC	TENV	6000	**ZDWNM3611T**	5,943	WDW	19.27	90	89.5	230/460	4.1	
5	1800	213TC	TENV	4000	**ZDWNM3707T**	6,386	WDW	19.84	126	89.5	230/460	6.2	
7 1/2	1800	254TC	TENV	5000	**ZDWNM22937T**	9,332	WDW	23.99	250	91.7	230/460	8.9	
10	1800	254TC	TENV	5000	**ZDWNM22938T**	9,496	WDW	23.99	286	91.7	230/460	12.0	

White Washdown, Feather Picker, foot mounted



For feather picker application found in poultry processing plants
Design D, F3 conduit box, labyrinth seal, epoxy encapsulated windings, stainless steel hardware, shaft extension and nameplate

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
2	1800	145T	TEFC	**WDM3558TP**	1,951	WDW	14.16	39	82.5	230/460	2.8	30, 31
3	1800	143T	TEFC	**WDM3561TP**	2,396	WDW	15.53	59	81.5	230/460	4.3	2, 8, 31

White Washdown, Feather Picker, C-face foot mounted



For feather picker application found in poultry processing plants
Design D, F3 conduit box, labyrinth seal, epoxy encapsulated windings, stainless steel hardware, shaft extension and nameplate

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
3	1800	143TC	TEFC	**CWDM3561TP**	2,458	WDW	15.54	59	81.5	230/460	4.3	2, 8, 31
575 volt												
3	1800	145TC	TEFC	**CWDM3561TP-5**	2,458	WDW	15.54	59	81.5	575	3.4	2, 8, 31

White Washdown, Cut Saw, foot mounted



For cut saw application found in poultry processing plants
Design D, F3 conduit box with fully potted leads, labyrinth seal

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt												
1	1800	D80	TENV	**WDNMM3546-4**	1,523	WDW	12.00	39	75.5	460	1.5	2, 31

White Washdown Jet Pump, three phase, C-face foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
3/4	3600	56J	TEFC	**CJWDM3463**	1,105	WDW	12.72	33	68.0	208-230/460	1.4	1, 30
1	3600	56J	TEFC	**CJEWDM3545**	1,741	WDW	12.72	38	78.5	208-230/460	1.6	1, 30
1 1/2	3600	56J	TEFC	**CJEWDM3550**	1,839	WDW	13.72	41	84.0	208-230/460	2.0	1, 30
2	3600	56J	TEFC	**CJEWDM3555**	2,040	WDW	13.72	41	85.5	230/460	2.5	1, 30
3	3600	56J	TEFC	**CJEWDM3559**	2,417	WDW	15.97	64	87.5	208-230/460	3.5	1, 30

White Washdown Jet Pump, three phase, C-face footless



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
3/4	3600	56J	TEFC	**JWDM3463**	1,097	WDW	12.72	33	68.0	208-230/460	1.4	1, 30
1	3600	56J	TEFC	**JEWDM3545**	1,732	WDW	12.72	38	78.5	208-230/460	1.6	1, 30
1 1/2	3600	56J	TEFC	**JEWDM3550**	1,829	WDW	13.72	41	84.0	208-230/460	2.0	1, 30
2	3600	56J	TEFC	**JEWDM3555**	2,032	WDW	13.72	41	85.5	230/460	2.5	1, 30
3	3600	56J	TEFC	**JEWDM3559**	2,409	WDW	15.97	64	87.5	208-230/460	3.5	1, 30

White Washdown close-coupled pump, foot mounted

Oversized, double sealed ball bearings
Locked DE bearing, JM type mechanical seal for pumping



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM												
230/460 volt												
1	3600	143JM	TEFC	**JMEWDM3545T**	1,800	WDW	15.41	35	84.0	230/460	1.4	1
	1800	143JM	TENV	**JMEWDM3546T**	1,879	WDW	14.25	39	85.5	230/460	1.7	1, 30
1 1/2	3600	143JM	TENV	**JMEWDM3550T**	1,889	WDW	14.28	48	85.5	208-230/460	2.0	1, 30
	1800	145JM	TENV	**JMEWDM3554T**	1,963	WDW	15.16	50	86.5	230/460	2.3	30
2	3600	143JM	TEFC	**JMEWDM3555T**	2,062	WDW	13.29	47	85.5	208-230/460	2.5	1, 30
	1800	145JM	TEFC	**JMEWDM3558T**	2,149	WDW	15.41	48	86.5	230/460	2.8	1, 30
3	3600	143JM	TEFC	**JMEWDM3559T**	2,518	WDW	14.17	50	86.5	230/460	3.6	1, 30
	1800	182JM	TEFC	**JMEWDM3611T**	2,819	WDW	18.05	70	89.5	230/460	4.2	1, 30
5	3600	184JM	TEFC	**JMEWDM3613T**	3,323	WDW	18.05	81	88.5	230/460	5.6	1, 30
	1800	184JM	TEFC	**JMEWDM3615T**	3,175	WDW	19.55	93	89.5	230/460	6.7	1, 30
7 1/2	3600	184JM	TEFC	**JMEWDM3616T**	3,937	WDW	19.55	96	89.5	230/460	8.4	1, 30
	1800	213JM	TEFC	**JMEWDM3710T**	3,990	WDW	20.91	151	91.7	230/460	9.5	1, 30
10	3600	215JM	TEFC	**JMEWDM3711T**	5,083	WDW	20.91	130	90.2	230/460	10.8	1, 30
	1800	215JM	TEFC	**JMEWDM3714T**	4,242	WDW	22.41	165	91.7	230/460	12.5	1, 30
15	3600	215JM	TEFC	**JMEWDM3713T**	6,341	WDW	21.64	169	91.0	230/460	17.0	1, 30
	1800	254JM	TEFC	**JMEWDM23933T**	8,765	WDW	25.12	252	92.4	230/460	18.0	1, 30
20	3600	256JM	TEFC	**JMEWDM41906T**	10,176	WDW	26.12	255	91.0	230/460	21.5	2
	1800	256JM	TEFC	**JMEWDM23934T**	10,129	WDW	25.12	275	93.0	230/460	24.0	1, 30
575 volt												
5	3600	184JM	TEFC	**JMEWDM3613T-5**	3,323	WDW	18.05	74	88.5	575	4.7	10

White Washdown, Brake Motor
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
- Stainless steel shaft extension
- White epoxy, corrosion resistant finish
- 100% copper windings on all ratings

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

White Washdown, Brake Motor, C-face foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt													
1/2	1800	56C	TENV	**CEWDBM3538**	3,435	WDW	15.31	42	81.5	208-230/460	1.0	3	1, 12, 41
3/4	1800	56C	TENV	**CEWDBM3542**	3,712	WDW	15.31	42	82.5	230/460	1.2	6	1, 12, 30, 41
1	1800	56C	TENV	**CEWDBM3546**	3,810	WDW	16.31	50	85.5	230/460	1.7	6	1, 30, 41
		143TC	TENV	**CEWDBM3546T**	3,736	WDW	16.81	51	85.5	230/460	1.7	6	1, 30, 41
1 1/2	1800	145TC	TENV	**CEWDBM3554T**	4,146	WDW	18.14	61	86.5	230/460	2.3	10	30, 41
2	1800	145TC	TEFC	**CEWDBM3558T**	4,219	WDW	18.56	60	86.5	230/460	2.8	10	1, 30, 41
3	1800	182TC	TEFC	**CEWDBM3611T**	5,105	WDW	15.00	93	89.5	230/460	4.2	15	1, 30, 41
5	1800	184TC	TEFC	**CEWDBM3615T**	6,167	WDW	23.27	110	89.5	230/460	6.7	25	2, 30, 42

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

White Washdown Features, three phase, foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
5	900	254T	TEFC	**EWDM2280T**	8,375	WDW	23.25	256	86.5	230/460	8.6	1, 30
7 1/2	900	256T	TEFC	**EWDM2401T**	9,080	WDW	23.07	321	86.5	230/460	12.1	1
10	900	284T	TEFC	**EWDM2402T**	10,112	WDW	27.57	391	89.5	230/460	14.6	1, 30
15	1200	284T	TEFC	**EWDM4100T**	7,361	WDW	27.57	391	91.7	230/460	21.0	1
	900	286T	TEFC	**EWDM2395T**	13,498	WDW	27.57	469	89.5	230/460	23.0	1
20	1200	286T	TEFC	**EWDM4102T**	10,000	WDW	27.57	429	91.7	230/460	26.0	1
	900	324T	TEFC	**EWDM4112T**	15,388	WDW	30.28	578	90.2	230/460	30.0	1
25	3600	284TS	TEFC	**EWDM4107T**	7,082	WDW	24.83	265	91.7	230/460	29.0	1
	1800	284T	TEFC	**EWDM4103T**	6,788	WDW	27.57	437	93.6	230/460	31.0	1
	1200	324T	TEFC	**EWDM4111T**	10,450	WDW	30.28	605	93.0	230/460	32.0	1
	900	326T	TEFC	**EWDM4116T**	19,217	WDW	30.28	578	90.2	230/460	38.0	1, 30
30	3600	286TS	TEFC	**EWDM4108T**	8,633	WDW	24.83	299	91.7	230/460	34.0	1
	1800	286T	TEFC	**EWDM4104T**	7,909	WDW	27.57	437	93.6	230/460	38.0	1
	1200	326T	TEFC	**EWDM4117T**	13,471	WDW	30.28	649	93.0	230/460	39.0	1
	900	364T	TEFC	**EWDM4338T**	20,320	WDW	33.48	806	91.7	230/460	40.0	
40	3600	324TS	TEFC	**EWDM4109T**	11,859	WDW	28.89	470	92.4	230/460	45.0	1
	1800	324T	TEFC	**EWDM4110T**	10,346	WDW	30.28	601	94.1	230/460	48.0	1
	1200	364T	TEFC	**EWDM4308T**	17,588	WDW	33.48	910	94.1	230/460	49.8	
	900	365T	TEFC	**EWDM4348T**	23,365	WDW	33.48	910	91.7	230/460	52.9	
50	3600	326TS	TEFC	**EWDM4114T**	12,427	WDW	28.77	575	93.0	230/460	56.0	1
	1800	326T	TEFC	**EWDM4115T**	12,144	WDW	30.28	700	94.5	230/460	57.0	1
	1200	365T	TEFC	**EWDM4312T**	18,734	WDW	33.48	910	94.1	230/460	62.0	
	900	405T	TEFC	**EWDM4458T**	31,534	WDW	38.19	1216	92.4	230/460	64.3	
60	3600	364TS	TEFC	**EWDM4310T**	18,894	WDW	31.35	999	93.6	230/460	66.1	
	1800	364T	TEFC	**EWDM4314T**	17,827	WDW	33.48	961	95.0	230/460	70.0	

Cast iron frame

White Washdown Features, three phase, foot mounted

Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
60	1200	404T	TEFC	**EWDM4403T**	25,591	WDW	38.19	1322	94.5	230/460	69.3	
	900	405T	TEFC	**EWDM4468T**	33,765	WDW	38.19	1216	92.4	230/460	78.4	
75	3600	365TS	TEFC	**EWDM4313T**	20,354	WDW	31.35	1005	94.5	230/460	80.7	
	1800	365T	TEFC	**EWDM4316T**	19,381	WDW	33.48	965	95.4	230/460	86.0	
	1200	405T	TEFC	**EWDM4404T**	31,143	WDW	38.19	1322	94.5	230/460	87.0	
	900	444T	TEFC	**EWDM4419T**	41,689	WDW	44.97	1815	93.6	230/460	89.3	

Cast iron frame

White Washdown Features, three phase, C-face foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
5	900	254TC	TEFC	**CEWDM2280T**	9,335	WDW	23.57	256	86.5	230/460	8.6	1, 30
7 1/2	900	256TC	TEFC	**CEWDM2401T**	10,040	WDW	23.92	320	86.5	230/460	12.1	1
10	900	284TC	TEFC	**CEWDM2402T**	11,387	WDW	27.56	391	89.5	230/460	14.6	1, 30
15	1200	284TC	TEFC	**CEWDM4100T**	8,635	WDW	27.56	447	91.7	230/460	19.4	1
	900	286TC	TEFC	**CEWDM2395T**	14,772	WDW	27.56	455	89.5	230/460	23.0	1
20	1200	286TC	TEFC	**CEWDM4102T**	11,275	WDW	27.56	429	91.7	230/460	26.0	1
	900	324TC	TEFC	**CEWDM4112T**	16,859	WDW	30.28	606	90.2	230/460	30.0	1
25	3600	284TSC	TEFC	**CEWDM4107T**	8,357	WDW	24.83	307	91.7	230/460	29.0	1
	1800	284TC	TEFC	**CEWDM4103T**	8,062	WDW	27.56	437	93.6	230/460	31.0	1
	1200	324TC	TEFC	**CEWDM4111T**	11,920	WDW	30.28	605	93.0	230/460	32.0	1
	900	326TC	TEFC	**CEWDM4116T**	20,687	WDW	30.28	606	90.2	230/460	38.0	1, 30
30	3600	286TSC	TEFC	**CEWDM4108T**	9,908	WDW	24.83	299	91.7	230/460	34.0	1
	1800	286TC	TEFC	**CEWDM4104T**	9,183	WDW	27.56	437	93.6	230/460	38.0	1
	1200	326TC	TEFC	**CEWDM4117T**	14,942	WDW	30.28	640	93.0	230/460	39.0	1
	900	364TC	TEFC	**CEWDM4338T**	21,919	WDW	33.48	813	91.7	230/460	40.0	
40	3600	324TSC	TEFC	**CEWDM4109T**	13,330	WDW	28.89	470	92.4	230/460	45.0	1
	1800	324TC	TEFC	**CEWDM4110T**	11,816	WDW	30.28	578	94.1	230/460	48.0	1
	1200	364TC	TEFC	**CEWDM4308T**	19,187	WDW	33.48	914	94.1	230/460	49.8	
	900	365TC	TEFC	**CEWDM4348T**	24,963	WDW	33.48	920	91.7	230/460	53.0	
50	3600	326TSC	TEFC	**CEWDM4114T**	13,898	WDW	28.77	575	93.0	230/460	56.0	1
	1800	326TC	TEFC	**CEWDM4115T**	13,615	WDW	30.28	700	94.5	230/460	58.0	1, 30
	1200	365TC	TEFC	**CEWDM4312T**	20,333	WDW	33.48	888	94.1	230/460	62.0	
	900	405TC	TEFC	**CEWDM4458T**	33,533	WDW	38.20	1216	92.4	230/460	64.3	
60	3600	364TSC	TEFC	**CEWDM4310T**	20,493	WDW	31.35	918	93.6	230/460	66.1	
	1800	364TC	TEFC	**CEWDM4314T**	19,426	WDW	33.48	961	95.0	230/460	70.0	
	1200	404TC	TEFC	**CEWDM4403T**	27,590	WDW	38.20	1322	94.5	230/460	69.3	
	900	405TC	TEFC	**CEWDM4468T**	35,764	WDW	38.20	1216	92.4	230/460	78.4	
75	3600	365TSC	TEFC	**CEWDM4313T**	21,953	WDW	31.35	1005	94.5	230/460	80.7	
	1800	365TC	TEFC	**CEWDM4316T**	20,980	WDW	33.48	965	95.4	230/460	86.0	
	1200	405TC	TEFC	**CEWDM4404T**	33,142	WDW	38.20	1322	94.5	230/460	87.0	
	900	444TC	TEFC	**CEWDM4419T**	44,327	WDW	44.96	1988	93.6	230/460	89.3	
460 volt												
100	3600	405TSC	TEFC	**CEWDM4402TS-4**	29,863	WDW	35.19	1272	95.0	460	116.0	
	1800	405TSC	TEFC	**CEWDM4400TS-4**	28,793	WDW	35.19	1234	96.2	460	115.0	
125	3600	444TSC	TEFC	**CEWDM4412TS-4**	36,913	WDW	41.22	2017	95.4	460	137.0	
	1800	444TSC	TEFC	**CEWDM4410TS-4**	33,428	WDW	41.22	1993	96.2	460	141.0	
150	3600	447TSC	TEFC	**CEWDM4413TS-4**	43,434	WDW	44.72	2330	95.4	460	163.0	
	1800	447TSC	TEFC	**CEWDM4406TS-4**	40,998	WDW	44.72	2184	96.2	460	170.0	

Cast iron frame

Red catalog number indicates **NEW** product

White Washdown Features, close-coupled pump, foot mounted

Oversized, double sealed ball bearings
Locked DE bearing, lip and v-ring seal on DE



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
25	3600	284JM	**JMEWDM4107T**	8,492	WDW	28.44	446	91.7	230/460	30.0	1
	1800	284JM	**JMEWDM4103T**	8,197	WDW	28.44	471	93.6	230/460	30.0	1
30	3600	286JM	**JMEWDM4108T**	10,043	WDW	28.44	459	91.7	230/460	34.0	1, 30
	1800	286JM	**JMEWDM4104T**	9,318	WDW	28.44	460	93.6	230/460	36.0	1
40	3600	324JM	**JMEWDM4109T**	13,592	WDW	30.53	618	92.4	230/460	47.0	1
	1800	324JM	**JMEWDM4110T**	12,078	WDW	30.53	600	94.1	230/460	46.0	1, 30
50	3600	326JM	**JMEWDM4114T**	14,160	WDW	30.53	635	93.0	230/460	55.0	1
	1800	326JM	**JMEWDM4115T**	13,876	WDW	30.53	658	94.5	230/460	57.0	1
West coast fit, Type TCZ											
230/460 volt											
60	3600	364TCZ	**JMEWDM4310T**	21,161	WDW	33.11	900	93.6	230/460	66.1	
	1800	364TCZ	**JMEWDM4314T**	20,094	WDW	33.11	961	95.0	230/460	70.0	
75	3600	365TCZ	**JMEWDM4313T**	22,622	WDW	33.11	1005	94.5	230/460	80.7	
	1800	365TCZ	**JMEWDM4316T**	21,649	WDW	33.11	965	95.4	230/460	86.0	

Cast iron frame

Washdown lead connection kits

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

Washdown lead connection kits



Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
WD5600A01SP	#22 - #8 AWG, Includes 6 wirenuts	61	SVC	1
WD5603A01SP	#18 - #10 AWG, Includes 6 connectors	26	SVC	1
WD5603A05SP	#18 - #10 AWG, Includes 50 connectors	103	SVC	3

Explosion Proof



Explosion Proof

ABB's Baldor-Reliance explosion-proof motors offer safety, durability and efficiency in Division 1 hazardous environments. With robust enclosures to prevent sparks, they minimize ignition risks and ensure long service life. Compliant with UL, CSA, NFPA70 and C22.1 standards, they are ideal for petrochemical, grain handling, oil & gas, mining and pharmaceuticals.



Explosion Proof, General purpose



Explosion Proof, General purpose



Explosion Proof, Severe duty



Explosion Proof, Drill Rig duty



Explosion Proof, Drill Rig duty

Product Line		General Purpose XP	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 A = Available through Mod Express® or as custom

Explosion Proof, General purpose

1/4 thru 5 Hp

IP54

Features

- Robust steel 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
- 100% copper windings on all ratings

Applications

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

Explosion Proof, General Purpose, single phase, foot mounted

Motors not suitable for inverter use.



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt													
1/4	1800	48	**XL040242A**	②	T3C	911	XP1	12.84	27	55.0	115/208-230	2.5	2
		56	**XL050242A**	②	T3C	869	XP1	13.22	29	62.0	115/208-230	2.0	2
		56	**XL050245A**	⑤	T3C	1,082	XP1	13.22	29	62.0	115/208-230	2.0	2
1/3	3600	48	**XL040322A**	②	T3C	807	XP1	12.84	28	55.0	115/230	3.0	2
	1800	48	**XL040342A**	②	T3C	1,174	XP1	12.84	29	60.0	115/208-230	3.0	2
		56	**XL050342A**	②	T3C	1,118	XP1	13.22	29	60.0	115/208-230	3.0	2
	1200	56	**XL050362A**	②	T4	1,582	XP1	15.15	50	59.0	115/230	3.6	2
1/2	3600	56	**XL050522A**	②	T3C	1,060	XP1	14.22	50	60.0	115/230	4.7	2
	1800	48	**XL040542A**	②	T3C	1,291	XP1	13.84	36	64.0	115/208-230	3.7	2
		56	**XL050545A**	⑤	T3C	1,444	XP1	14.22	36	64.0	115/208-230	3.7	2
		56	**XL050542A**	②	T3C	1,232	XP1	14.22	36	64.0	115/208-230	3.7	2
	1200	56	**XL050562A**	②	T3C	1,823	XP1	15.15	50	59.0	115/230	4.0	2
3/4	3600	56	**XL050722A**	②	T4	1,195	XP1	15.15	50	66.0	115/230	4.6	2
	1800	56	**XL050742A**	②	T4	1,447	XP1	15.15	53	70.0	115/230	5.4	2
		56	**XL050745A**	⑤	T4	1,660	XP1	15.17	53	70.0	115/230	5.4	2
	1200	56	**XL050762**	②	T3C	2,108	XP1	17.40	63	72.0	115/230	5.3	
1	3600	56	**XL05122A**	②	T4	1,291	XP1	15.15	50	66.0	115/230	6.0	2
	1800	56	**XL05142A**	②	T3C	1,648	XP1	15.15	53	67.0	115/230	6.2	2
		143T	**XL14142T**	②	T3C	1,614	XP1	15.21	48	74.0	115/230	6.3	
	1200	184	**XL18162**	②	T3C	3,611	XP1	16.92	82	67.0	115/208-230	7.4	
1 1/2	3600	143T	**XL141522T**	②	T3C	1,871	XP1	16.09	42	70.0	115/208-230	8.0	
	1800	184	**XL181542**	②	T3C	3,353	XP1	16.92	93	70.0	115/230	9.5	
2	3600	145T	**XL14222T**	②	T3C	2,312	XP1	17.47	67	75.5	115/208-230	10.5	
	1800	184T	**XL18242T**	②	T3C	3,397	XP1	17.42	93	75.0	115/208-230	11.0	

②= Class I, Group D, Class II, Group F & G
⑤= Class I, Group C & D, Class II, Group F & G

Explosion Proof, General Purpose, single phase, foot mounted

Motors not suitable for inverter use.

Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt													
3	3600	184T	**XL18322T**	②	T3C	3,530	XP1	17.42	91	76.0	115/230	14.5	
	1800	213	**XL21342**	②	T3C	5,363	XP1	19.89	161	78.5	115/230	17.2	
230 volt													
5	1800	215	**XL21542**	②	T3C	6,822	XP1	18.76	111	84.0	230	19.7	

②= Class I, Group D, Class II, Group F & G
⑤= Class I, Group C & D, Class II, Group F & G

Explosion Proof, General Purpose, single phase, C-face foot mounted

Motors not suitable for inverter use.



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt													
1/3	1800	56C	**CXL050342A**	②	T3C	1,362	XP1	13.22	29	60.0	115/208-230	3.0	2
1/2	3600	56C	**CXL050522A**	②	T3C	1,195	XP1	14.22	30	60.0	115/230	4.7	2
	1800	56C	**CXL050542A**	②	T3C	1,363	XP1	14.22	36	64.0	115/208-230	3.7	2
3/4	1800	56C	**CXL050742A**	②	T4	1,522	XP1	15.15	48	78.0	115/230	5.4	2
1	3600	56C	**CXL05122A**	②	T4	1,357	XP1	15.15	50	66.0	115/230	6.0	2
	1800	56C	**CXL05142A**	②	T3C	1,727	XP1	15.17	48	67.0	115/230	6.2	2
1 1/2	3600	143TC	**CXL141522T**	②	T3C	2,126	XP1	16.10	42	70.0	115/208-230	8.0	
	1800	184C	**CXL181542**	②	T3C	3,450	XP1	16.93	93	70.0	115/230	9.5	
2	3600	143TC	**CXL14222T**	②	T3C	2,430	XP1	17.48	73	75.5	115/208-230	10.5	
	1800	184TC	**CXL18242T**	②	T3C	3,560	XP1	18.86	93	75.0	115/208-230	11.0	
3	3600	184TC	**CXL18322T**	②	T3C	3,601	XP1	18.86	91	76.0	115/230	14.5	
	1800	215C	**CXL21342**	②	T3C	5,525	XP1	20.59	161	78.5	115/230	17.2	
230 volt													
5	1800	215C	**CXL21542**	②	T3C	7,033	XP1	19.56	111	84.0	230	19.7	

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

Explosion Proof, General Purpose, single phase, 50Hz, C-face foot mounted

Motors not suitable for inverter use.



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
110/220 volt, 50HZ													
1/3	1500	56C	**CXL050342A-50**	②	T3C	1,568	XP1	14.22	35	59.5	110/220	2.6	2
1/2	1500	56C	**CXL050542A-50**	②	T3C	1,569	XP1	15.22	43	62.0	110/220	3.6	2
3/4	1500	56C	**CXL050742A-50**	②	T4	1,750	XP1	15.15	53	70.0	110/220	4.8	2
1	1500	56C	**CXL05142-50**	②	T3C	1,988	XP1	17.41	73	71.0	110/220	6.3	

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

Explosion Proof, General Purpose, single phase, C-face footless

Motors not suitable for inverter use.



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt													
1/4	1800	56C	**VXL050242A**	②	T3C	1,205	XP1	13.22	29	62.0	115/208-230	2.0	2
1/3	3600	56C	**VXL050322A**	②	T3C	917	XP1	13.22	30	59.9	115/230	3.0	2
	1800	56C	**VXL050342A**	②	T3C	1,232	XP1	13.22	29	60.0	115/208-230	3.0	2
	1200	56C	**VXL050362A**	②	T4	1,650	XP1	15.15	42	59.0	115/230	3.6	2
1/2	3600	56C	**VXL050522A**	②	T3C	1,187	XP1	14.22	42	60.0	115/230	4.7	2
	1800	56C	**VXL050542A**	②	T3C	1,360	XP1	14.22	36	64.0	115/208-230	3.7	2
	1200	56C	**VXL050562A**	②	T3C	1,892	XP1	15.15	50	59.0	115/230	4.0	2
3/4	3600	56C	**VXL050722A**	②	T4	1,270	XP1	15.15	40	66.0	115/230	4.6	2
	1800	56C	**VXL050742A**	②	T4	1,515	XP1	15.15	48	78.0	115/230	5.6	2
1	3600	56C	**VXL05122A**	②	T4	1,360	XP1	15.15	50	66.0	115/230	6.0	2
	1800	56C	**VXL05142A**	②	T3C	1,721	XP1	15.15	48	67.0	115/230	6.2	2
1 1/2	3600	56C	**VXL051522**	②	T3C	1,958	XP1	16.03	42	70.0	115/208-230	8.0	
	1800	56C	**VXL051542A**	②	T3C	2,271	XP1	17.40	73	75.0	115/230	8.0	2
2	1800	184C	**VXL18242**	②	T3C	3,613	XP1	18.43	93	75.0	115/208-230	11.0	

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

Explosion Proof, General Purpose, Jet pump, single phase

Motors not suitable for inverter use.
NEMA 56J jet pump mounting, auto-thermal overload thru 1Hp



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt													
1/2	3600	56J	**JXL050522A**	②	T3C	1,405	XPP	14.78	37	55.0	115/230	3.9	2, 38
3/4	3600	56J	**JXL050722A**	②	T4	1,523	XPP	15.66	40	66.0	115/230	4.6	19
1	3600	56J	**JXL05122A**	②	T4	1,619	XPP	15.66	50	66.0	115/230	6.0	19
1 1/2	3600	56J	**JXL051522**	②	T3C	2,198	XPP	16.56	54	70.0	115/208-230	8.0	2, 38
2	3600	56J	**JXL05222**	②	T3C	2,640	XPP	17.94	67	75.5	115/208-230	10.5	19

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

Explosion Proof, General purpose

1/4 thru 60 Hp

IP54

Features

- Robust steel and cast iron frame designs
- IP54 ingress protection
- 1.15 service factor on 143T frame 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
- 100% copper windings on all ratings

Applications

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

Explosion Proof, General Purpose, three phase, foot mounted



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
1/4	1800	48	**XM040242A**	②	T3C	947	XPM	12.85	25	63.0	208-230/460	0.7	2, 38
1/3	1800	56	**XM050342A**	②	T3C	1,138	XPM	13.22	28	67.0	208-230/460	0.8	2, 38
	1200	56	**XM050362A**	②	T4	1,633	XPM	14.28	36	70.0	208-230/460	0.8	2, 38
1/2	3600	56	**XM050522A**	②	T3C	1,304	XPM	13.22	27	68.0	208-230/460	1.1	2, 38
	1800	48	**XM040542A**	②	T3C	1,184	XPM	12.85	30	74.0	208-230/460	1.0	2, 38
		56	**XM050542A**	②	T3C	1,184	XPM	13.22	30	74.0	208-230/460	1.0	2, 38
	1200	56	**XM050562A**	②	T4	1,724	XPM	14.30	40	72.0	208-230/460	1.2	2, 38
3/4	3600	56	**XM050722A**	②	T3C	1,359	XPM	13.22	29	75.0	208-230/460	1.3	2, 38
	1800	56	**XM050742A**	②	T3C	1,363	XPM	14.22	35	73.0	208-230/460	1.5	2, 38
	1200	56	**XM050762A**	②	T4	1,831	XPM	15.15	47	77.0	208-230/460	1.4	2, 38
		143T	**XM140762TA**	②	T4	1,831	XPM	15.21	47	77.0	208-230/460	1.4	2, 38
1	3600	56	**XM05122**	②	T3C	2,202	XPM	14.28	41	82.5	230/460	1.3	19
	1800	56	**XM05142**	②	T3C	2,370	XPM	14.28	50	85.5	230/460	1.5	19
		143T	**XM14142T**	②	T3C	2,370	XPM	14.34	50	85.5	230/460	1.5	19
		182	**XM18142**	②	T3C	2,501	XPM	15.23	50	85.5	230/460	1.5	19
	1200	56	**XM05162**	②	T3C	2,971	XPM	15.17	49	82.5	230/460	1.5	19
		145T	**XM14162T**	②	T3C	2,971	XPM	15.21	46	82.5	230/460	1.5	19
1 1/2	3600	143T	**XM141522T**	②	T3C	2,328	XPM	14.34	47	84.0	230/460	1.7	19
	1800	56	**XM051542**	②	T3C	2,406	XPM	15.17	46	86.5	230/460	2.0	19
		145T	**XM141542T**	②	T3C	2,406	XPM	15.21	46	86.5	230/460	2.0	19
	1200	182T	**XM181562T**	②	T3C	3,568	XPM	18.93	102	87.5	230/460	2.1	19
2	3600	145T	**XM14222T**	②	T3C	2,720	XPM	15.21	46	85.5	230/460	2.3	19

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

Cast iron frame

Explosion Proof, General Purpose, three phase, foot mounted

Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
2	1800	56	**XM05242**	②	T3C	2,468	XPM	15.15	53	86.5	230/460	2.6	19
		145T	**XM14242T**	②	T3C	2,468	XPM	15.23	59	86.5	230/460	2.6	19
	1200	184T	**XM18262T**	②	T3C	3,870	XPM	19.74	100	88.5	230/460	3.3	19
3	3600	182T	**XM18322T**	②	T3C	3,285	XPM	17.42	80	86.5	230/460	3.0	19
	1800	182T	**XM18342T**	②	T3C	2,630	XPM	18.93	102	89.5	230/460	3.6	19
	1200	213T	**XM21362T**	②	T3C	4,374	XPM	19.32	139	89.5	230/460	4.0	19
5	3600	184T	**XM18522T**	②	T3C	3,852	XPM	18.93	91	89.5	230/460	4.2	19
	1800	184T	**XM18542T**	②	T3C	3,122	XPM	19.74	118	89.5	230/460	5.6	19
		184T	**XM18542T-CI**	②	T3C	3,481	XPM	17.61	151	89.5	230/460	5.1	19
	1200	215T	**XM21562T**	②	T3C	4,854	XPM	20.82	184	89.5	230/460	5.9	19
7 1/2	3600	213T	**XM21722T**	②	T3C	4,854	XPM	18.19	125	89.5	230/460	8.7	19
	1800	213T	**XM21742T**	②	T3C	4,443	XPM	19.32	161	91.7	230/460	7.8	19
	1200	254T	**XM25762T**	②	T3C	5,592	XPM	25.54	374	91.0	230/460	9.6	19
10	3600	215T	**XM21122T**	②	T3C	5,592	XPM	20.06	122	90.2	230/460	10.4	19
	1800	215T	**XM21142T**	②	T3C	5,447	XPM	20.82	189	91.7	230/460	11.0	19
	1200	256T	**XM25162T**	②	T3C	6,723	XPM	25.54	400	91.0	230/460	14.0	19
15	3600	254T	**XM251522T**	②	T3C	5,271	XPM	25.54	349	91.0	230/460	14.5	19
	1800	254T	**XM251542T**	②	T3C	6,177	XPM	25.54	373	92.4	230/460	15.1	19
	1200	284T	**XM281562T**	②	T3C	10,837	XPM	28.61	478	91.7	230/460	18.0	19
20	3600	256T	**XM25222T**	②	T3C	6,760	XPM	25.54	390	91.0	230/460	20.0	19
	1800	256T	**XM25242T**	②	T3C	8,003	XPM	25.54	335	93.0	230/460	22.0	19
	1200	286T	**XM28262T**	②	T3C	11,127	XPM	28.61	466	93.0	230/460	24.0	19
25	3600	284TS	**XM282522T**	②	T3C	8,996	XPM	27.24	507	91.7	230/460	27.0	19
	1800	284T	**XM282542T**	②	T3C	9,709	XPM	28.61	537	93.6	230/460	30.0	19
	1200	324T	**XM322562T**	②	T3C	13,913	XPM	32.00	741	93.0	230/460	31.0	19
30	3600	286TS	**XM28322T**	②	T3C	10,573	XPM	27.24	525	91.7	230/460	34.0	19
	1800	286T	**XM28342T**	②	T3C	11,836	XPM	28.61	554	93.6	230/460	38.0	19
	1200	326T	**XM32362T**	②	T3C	15,349	XPM	32.00	766	93.0	230/460	39.0	19
40	3600	324TS	**XM32422T**	②	T3C	14,104	XPM	30.50	745	92.4	230/460	41.0	19
	1800	324T	**XM32442T**	②	T3C	15,862	XPM	32.00	713	94.1	230/460	45.0	19
	1200	364T	**XM36462T**	②	T3C	17,789	XPM	33.48	915	94.1	230/460	49.8	
50	3600	326TS	**XM32522T**	②	T3C	18,059	XPM	30.50	766	93.0	230/460	55.0	19
	1800	326T	**XM32542T**	②	T3C	18,413	XPM	32.00	775	94.5	230/460	56.0	19
	1200	365T	**XM36562T**	②	T3C	20,078	XPM	33.48	918	94.1	230/460	62.0	
60	1800	364T	**XM36642T**	②	T3C	20,597	XPM	33.48	972	95.0	230/460	70.0	
575 volt													
1/2	1800	56	**XM050542-5**	②	T3C	1,184	XPM	14.28	37	80.0	575	0.8	
3/4	1800	56	**XM050742-5**	②	T3C	1,363	XPM	14.28	45	82.5	575	1.0	
1	3600	56	**XM05122-5**	②	T3C	2,202	XPM	14.28	41	84.0	575	1.1	
	1800	56	**XM05142-5**	②	T3C	2,370	XPM	15.15	50	85.5	575	1.3	
		143T	**XM14142T-5**	②	T3C	2,370	XPM	16.09	50	85.5	575	1.3	
1 1/2	3600	143T	**XM141522T-5**	②	T3C	2,328	XPM	14.34	47	84.0	575	1.6	
	1800	145T	**XM141542T-5**	②	T3C	2,406	XPM	15.21	46	86.5	575	1.7	
2	3600	145T	**XM14222T-5**	②	T3C	2,720	XPM	15.21	55	85.5	575	2.0	
	1800	145T	**XM14242T-5**	②	T3C	2,468	XPM	15.21	48	86.5	575	2.2	

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

Cast iron frame

Explosion Proof, General Purpose, three phase, foot mounted

Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
575 volt													
3	1800	182T	**XM18342T-5**	②	T3C	2,630	XPM	18.93	102	89.5	575	3.3	
5	3600	184T	**XM18522T-5**	②	T3C	3,852	XPM	17.42	93	88.5	575	4.7	
	1800	184T	**XM18542T-5**	②	T3C	3,122	XPM	19.74	97	89.5	575	5.3	
7 1/2	1800	213T	**XM21742T-5**	②	T3C	4,443	XPM	19.32	161	91.7	575	7.6	

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

Cast iron frame

Explosion Proof, General Purpose, three phase, C-face foot mounted



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
1/3	1800	56C	**CXM050342**	②	T3C	1,230	XPM	14.30	37	80.0	230/460	0.8	19
1/2	3600	56C	**CXM050522A**	②	T3C	1,396	XPM	13.22	27	68.0	208-230/460	1.1	2, 38
	1800	56C	**CXM050542**	②	T3C	1,276	XPM	14.30	33	80.0	230/460	0.9	19
		56C	**CXM050542A**	②	T3C	1,276	XPM	13.22	30	74.0	208-230/460	1.0	2, 38
3/4	3600	56C	**CXM050722A**	②	T3C	1,451	XPM	13.22	29	75.0	208-230/460	1.3	2, 38
	1800	56C	**CXM050742**	②	T3C	1,456	XPM	14.30	45	82.5	230/460	1.1	19
		56C	**CXM050742A**	②	T3C	1,456	XPM	14.22	35	73.0	208-230/460	1.5	2, 38
1	3600	56C	**CXM05122**	②	T3C	2,294	XPM	14.28	41	82.5	230/460	1.3	19
	1800	56C	**CXM05142**	②	T3C	2,462	XPM	14.28	50	85.5	230/460	1.5	19
		143TC	**CXM14142T**	②	T3C	2,475	XPM	14.33	50	85.5	230/460	1.5	19
1 1/2	3600	143TC	**CXM141522T**	②	T3C	2,434	XPM	14.33	47	84.0	230/460	1.7	19
	1800	56C	**CXM051542**	②	T3C	2,498	XPM	15.17	50	86.5	230/460	2.0	19
		145TC	**CXM141542T**	②	T3C	2,511	XPM	15.21	50	86.5	230/460	2.0	19
2	3600	145TC	**CXM14222T**	②	T3C	2,826	XPM	15.21	55	85.5	230/460	2.3	19
	1800	56C	**CXM05242**	②	T3C	2,561	XPM	15.17	59	86.5	230/460	2.6	19
		145TC	**CXM14242T**	②	T3C	2,574	XPM	15.21	58	86.5	230/460	2.6	19
3	3600	182TC	**CXM18322T**	②	T3C	3,804	XPM	17.49	80	86.5	230/460	3.0	19
	1800	182TC	**CXM18342T**	②	T3C	3,148	XPM	18.86	102	89.5	230/460	3.6	19
5	3600	184TC	**CXM18522T**	②	T3C	4,370	XPM	18.86	93	88.5	230/460	4.4	19
	1800	184TC	**CXM18542T**	②	T3C	3,641	XPM	20.36	118	89.5	230/460	5.6	19
7 1/2	3600	213TC	**CXM21722T**	②	T3C	5,004	XPM	20.06	149	89.5	230/460	7.7	19
	1800	213TC	**CXM21742T**	②	T3C	4,520	XPM	21.81	163	91.7	230/460	8.1	19
10	3600	215TC	**CXM21122T**	②	T3C	5,223	XPM	21.81	165	90.2	230/460	10.4	19
	1800	215TC	**CXM21142T**	②	T3C	6,009	XPM	21.56	189	91.7	230/460	11.0	19
15	3600	254TC	**CXM251522T**	②	T3C	6,322	XPM	26.04	341	91.0	230/460	14.5	19
	1800	254TC	**CXM251542T**	②	T3C	7,227	XPM	26.04	374	92.4	230/460	15.2	19
20	3600	256TC	**CXM25222T**	②	T3C	7,810	XPM	26.04	390	91.0	230/460	20.0	19
	1800	256TC	**CXM25242T**	②	T3C	9,053	XPM	26.04	335	93.0	230/460	22.0	19
25	1800	284TC	**CXM282542T**	②	T3C	11,064	XPM	28.61	506	93.6	230/460	30.0	19
30	1800	286TC	**CXM28342T**	②	T3C	13,191	XPM	28.61	535	93.6	230/460	36.0	19
40	1800	324TC	**CXM32442T**	②	T3C	17,465	XPM	32.00	720	94.1	230/460	45.0	19

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

Cast iron frame

Explosion Proof, General Purpose, three phase, 50Hz, C-face foot mounted

Motors not suitable for inverter use



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/400 volt, 50Hz													
1/2	1500	56C	**CXM050542-57**	②	T3C	1,469	XPM	14.22	35	73.0	230/400	1.0	
3/4	1500	56C	**CXM050742-57**	②	T3C	1,675	XPM	15.22	42	75.5	230/400	1.7	38
1	1500	56C	**CXM05142-57**	②	T3C	2,832	XPM	15.22	45	74.0	230/400	2.0	

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

Explosion Proof, General Purpose, three phase, C-face footless



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
1/4	1800	56C	**VXM050242A**	②	T3C	1,039	XPM	13.22	25	63.0	208-230/460	0.7	2, 38
1/3	1800	56C	**VXM050342A**	②	T3C	1,230	XPM	13.22	28	67.0	208-230/460	0.8	2, 38
1/2	3600	56C	**VXM050522A**	②	T3C	1,396	XPM	13.22	27	68.0	208-230/460	1.1	2, 38
	1800	56C	**VXM050542A**	②	T3C	1,276	XPM	13.22	30	74.0	208-230/460	1.0	2, 38
	1200	56C	**VXM050562A**	②	T4	1,816	XPM	14.28	40	72.0	208-230/460	1.2	2, 38
3/4	3600	56C	**VXM050722A**	②	T3C	1,451	XPM	13.22	29	75.0	208-230/460	1.3	2, 38
	1800	56C	**VXM050742A**	②	T3C	1,456	XPM	14.22	35	73.0	208-230/460	1.5	2, 38
	1200	56C	**VXM050762A**	②	T4	1,923	XPM	15.15	47	77.0	208-230/460	1.4	2, 38
1	3600	56C	**VXM05122**	②	T3C	2,294	XPM	14.30	41	82.5	230/460	1.3	19
	1800	56C	**VXM05142**	②	T3C	2,462	XPM	14.28	50	85.5	230/460	1.5	19
		143TC	**VXM14142T**	②	T3C	2,475	XPM	14.33	50	85.5	230/460	1.5	19
	1200	56C	**VXM05162**	②	T3C	3,063	XPM	15.12	49	82.5	230/460	1.5	19
1 1/2	3600	143TC	**VXM141522T**	②	T3C	2,434	XPM	14.33	47	84.0	230/460	1.7	19
	1800	56C	**VXM051542**	②	T3C	2,498	XPM	15.12	50	86.5	230/460	2.0	19
		145TC	**VXM141542T**	②	T3C	2,511	XPM	15.21	50	86.5	230/460	2.0	19
	1200	145TC	**VXM141562T**	②	T2C	4,087	XPM	16.92	102	87.5	230/460	2.1	19
2	3600	145TC	**VXM14222T**	②	T3C	2,826	XPM	15.21	55	85.5	230/460	2.4	19
	1800	56C	**VXM05242**	②	T3C	2,561	XPM	15.17	64	86.5	230/460	2.6	19
		143TC	**VXM14242T**	②	T3C	2,574	XPM	15.21	64	86.5	230/460	2.6	19
3	3600	182TC	**VXM18322T**	②	T3C	3,804	XPM	17.49	80	86.5	230/460	3.0	19
	1800	182TC	**VXM18342T**	②	T3C	3,148	XPM	18.86	102	89.5	230/460	3.6	19
5	3600	184TC	**VXM18522T**	②	T3C	4,370	XPM	18.86	91	89.5	230/460	4.2	19
	1800	184TC	**VXM18542T**	②	T3C	3,641	XPM	20.36	118	89.5	230/460	5.6	19
7 1/2	3600	213TC	**VXM21722T**	②	T3C	5,004	XPM	19.19	149	89.5	230/460	7.7	19
	1800	213TC	**VXM21742T**	②	T3C	4,520	XPM	20.32	163	91.7	230/460	8.1	19
10	1800	215TC	**VXM21142T**	②	T3C	6,009	XPM	21.82	189	91.7	230/460	11.0	19
575 volt													
1/2	1800	56C	**VXM050542-5**	②	T3C	1,276	XPM	14.28	37	78.5	575	0.8	
3/4	1800	56C	**VXM050742-5**	②	T3C	1,456	XPM	14.28	37	82.5	575	1.0	
1	1800	56C	**VXM05142-5**	②	T3C	2,462	XPM	14.28	50	85.5	575	1.3	
		143TC	**VXM14142T-5**	②	T3C	2,475	XPM	16.09	50	85.5	575	1.3	
1 1/2	1800	145TC	**VXM141542T-5**	②	T3C	2,511	XPM	15.21	50	86.5	575	1.7	
2	1800	145TC	**VXM14242T-5**	②	T3C	2,574	XPM	13.84	64	86.5	575	2.2	
3	1800	182TC	**VXM18342T-5**	②	T3C	3,148	XPM	18.86	102	89.5	575	3.3	
5	1800	184TC	**VXM18542T-5**	②	T3C	3,641	XPM	20.36	118	89.5	575	5.3	
7 1/2	1800	213TC	**VXM21742T-5**	②	T3C	4,520	XPM	20.32	163	91.7	575	7.6	

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

Explosion Proof, General Purpose, Brake motor, three phase, C-face foot mounted

The brake features a robust NEMA 9 XP enclosure, which results in the motor without an IP rating.



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt														
1/2	1800	56C	**CBXMN050542**	②	T3C	5,444	XPB	12.19	75	80.0	208-230/460	0.9	3	19, 60
3/4	1800	56C	**CBXMN050742**	②	T3C	6,063	XPB	12.19	91	82.5	230/460	1.1	6	19, 60
1	1800	143TC	**CBXMN14142T**	②	T3C	8,037	XPB	20.37	88	85.5	230/460	1.6	6	19, 60
2	1800	182TC	**CBXMN18242T**	②	T3C	9,729	XPB	23.24	141	87.5	230/460	2.5	10	19, 60
3	1800	182TC	**CBXM18342T**	②	T3C	10,237	XPB	27.20	184	89.5	230/460	3.5	15	19
5	1800	184TC	**CBXM18542T**	②	T3C	12,332	XPB	30.83	241	90.2	230/460	5.2	25	19

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

Cast iron frame

Explosion Proof, General Purpose, close-coupled pump, three phase

NEMA JM pump mounting
Steel band frame, cast ion endplates



Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
3	3600	145JM	**JMXM14321T**	①	T3C	3,420	XPP	18.67	59	86.5	230/460	3.6	2, 38
		182JM	**JMXM18322T**	②	T3C	4,023	XPP	18.98	80	86.5	230/460	3.0	19
5	3600	184JM	**JMXM18522T**	②	T3C	4,589	XPP	20.36	91	89.5	230/460	4.2	19
7 1/2	3600	184JM	**JMXM18721T**	①	T2C	4,757	XPP	21.86	115	89.5	230/460	8.4	2, 38
		213JM	**JMXM21722T**	②	T3C	5,406	XPP	21.45	149	89.5	230/460	7.8	19
10	3600	213JM	**JMXM21122T**	②	T2D	5,625	XPP	24.20	205	90.2	230/460	11.4	19

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

Explosion Proof, General Purpose, Jet pump, three phase

NEMA 56J jet pump mounting
Steel band frame, cast ion endplates



Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
1	3600	56J	**JXM05122**	②	T3C	2,529	XPP	14.79	41	82.5	230/460	1.3	19
1 1/2	3600	56J	**JXM051522**	②	T3C	2,656	XPP	14.79	47	84.0	230/460	1.7	19
2	3600	56J	**JXM05222**	②	T3C	3,048	XPP	15.67	55	85.5	230/460	2.3	19

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

Explosion Proof, Severe duty

1 thru 250 Hp

IP66* **IP55***

Features

- All cast iron construction
- 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
- *IP55 for frame sizes up to 320. IP66 for 360 and up

Applications

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

Explosion Proof, Severe duty, three phase, foot mounted



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
1	1800	143T	**CPX14146T**	⑥	T3C	2,607	XSM	16.66	80	85.5	230/460	1.5	10, 19
1 1/2	1800	145T	**CPX141546T**	⑥	T3C	2,648	XSM	16.66	62	86.5	230/460	2.3	19
2	1800	145T	**CPX14246T**	⑥	T3C	2,715	XSM	16.66	120	86.5	230/460	2.7	19
	3600	182T	**CPX18326T**	⑥	T3C	3,614	XSM	17.59	127	86.5	230/460	3.2	10, 19
3	1800	182T	**CPX18346T**	⑥	T3C	2,893	XSM	17.59	127	89.5	230/460	3.5	19
	1200	213T	**CPX21366T**	⑥	T3C	4,859	XSM	20.02	221	89.5	230/460	3.8	10, 19
	3600	184T	**CPX18526T**	⑥	T3C	4,237	XSM	17.59	150	88.5	230/460	4.2	19, 35
5	1800	184T	**CPX18546T**	⑥	T3C	3,435	XSM	17.59	125	89.5	230/460	5.1	19
	1200	215T	**CPX21566T**	⑥	T3C	5,393	XSM	20.02	245	89.8	230/460	5.5	10, 19
	3600	213T	**CPX21726T**	⑥	T3C	4,887	XSM	20.02	171	91.7	230/460	7.2	10, 19
7 1/2	1800	213T	**CPX21746T**	⑥	T3C	4,355	XSM	20.02	228	91.7	230/460	8.7	19, 35
	1200	254TY	**CPX25766T**	⑥	T3C	6,152	XSM	25.85	374	91.0	230/460	9.6	10, 19, 35, 47
	3600	215T	**CPX21126T**	⑥	T3C	5,129	XSM	20.02	174	90.2	230/460	10.4	19
10	1800	215T	**CPX21146T**	⑥	T3C	5,992	XSM	20.02	252	91.7	230/460	11.6	19, 35
	1200	256TY	**CPX25166T**	⑥	T3C	7,397	XSM	25.85	401	91.0	230/460	14.0	10, 19, 35, 47
	3600	254TY	**CPX251526T**	⑥	T3C	5,800	XSM	25.85	349	91.0	230/460	14.5	10, 19, 35, 47
15	1800	254TY	**CPX251546T**	⑥	T3C	6,796	XSM	25.85	373	92.4	230/460	15.1	19, 35, 47
	1200	284TY	**CPX281566T**	⑥	T3C	11,922	XSM	28.74	478	91.7	230/460	18.0	10, 19, 35, 47
	3600	256TY	**CPX25226T**	⑥	T3C	7,930	XSM	25.85	390	91.0	230/460	20.0	19, 35, 47
20	1800	256TY	**CPX25246T**	⑥	T3C	8,803	XSM	25.85	366	93.0	230/460	22.0	19, 35, 47
	1200	286TY	**CPX28266T**	⑥	T3C	12,240	XSM	28.74	475	91.7	230/460	23.0	10, 19, 47

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

Cast iron frame

Explosion Proof, Severe duty, three phase, foot mounted

Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
25	3600	284TSY	**CPX282526T**	⑥	T3C	10,226	XSM	27.24	445	91.7	230/460	28.0	10, 19, 47
	1800	284T	**CPX282546T**	⑥	T3C	10,680	XSM	28.61	506	93.6	230/460	30.0	19, 35
	1200	324TY	**CPX322566T**	⑥	T3C	15,304	XSM	32.24	619	93.0	230/460	31.0	10, 19, 35, 47
30	3600	286TSY	**CPX28326T**	⑥	T3C	12,455	XSM	27.24	495	91.7	230/460	33.0	10, 19, 47
	1800	286T	**CPX28346T**	⑥	T3C	13,020	XSM	28.61	461	93.6	230/460	38.0	19, 35
	1200	326TY	**CPX32366T**	⑥	T3C	16,885	XSM	32.24	647	93.0	230/460	39.0	10, 19, 35, 47
40	3600	324TSY	**CPX32426T**	⑥	T3C	15,515	XSM	30.50	593	92.4	230/460	41.0	10, 19, 35, 47
	1800	324TY	**CPX32446T**	⑥	T3C	17,450	XSM	32.24	731	94.1	230/460	45.0	10, 19, 35, 47
	1200	364T	**CPX36466T**	⑥	T3C	19,569	XSM	33.48	908	94.1	230/460	49.0	10, 35
50	3600	326TSY	**CPX32526T**	⑥	T3C	19,865	XSM	30.50	648	93.0	230/460	54.0	10, 19, 35, 47
	1800	326TY	**CPX32546T**	⑥	T3C	20,256	XSM	32.24	790	94.5	230/460	57.0	19, 35, 47
	1200	365T	**CPX36566T**	⑥	T3C	22,087	XSM	33.48	908	94.1	230/460	62.0	10
60	3600	364TS	**CPX36626T**	⑥	T3C	22,551	XSM	31.35	944	93.6	230/460	65.1	10
	1800	364T	**CPX36646T**	⑥	T3C	22,656	XSM	33.48	910	95.0	230/460	67.8	
	1200	404T	**CPX40666T**	⑥	T3C	27,934	XSM	38.22	1322	94.5	230/460	69.0	10
75	3600	365TS	**CPX36726T**	⑥	T3C	23,519	XSM	31.35	1005	93.6	230/460	81.8	10
	1800	365T	**CPX36746T**	⑥	T3C	24,921	XSM	33.48	965	95.4	230/460	86.0	
	1200	405T	**CPX40766T**	⑥	T3C	28,932	XSM	38.22	1375	94.5	230/460	84.2	10
100	1800	405T	**CPX40146T**	⑥	T3C	28,942	XSM	38.22	1326	95.4	230/460	112.0	
	1200	444T	**CPX44166T**	⑥	T3C	34,364	XSM	44.97	1800	95.0	230/460	116.0	10
460 volt													
125	1800	444T	**CPX441246T**	⑥	T3C	34,937	XSM	44.97	1669	95.4	460	144.0	10
150	1800	445T	**CPX441546T**	⑥	T3C	39,044	XSM	44.97	1826	95.8	460	169.0	10
200	1800	447T	**CPX44246T**	⑥	T3C	54,024	XSM	48.47	2676	96.2	460	222.0	10
250	1800	449T	**CPX442546T**	⑥	T3C	64,829	XSM	53.47	3027	96.2	460	271.0	10

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

Cast iron frame

Explosion Proof, Severe duty, three phase, C-face foot mounted



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
3	3600	182TC	**CCPX18326T**	⑥	T3C	4,133	XSM	18.33	127	86.5	230/460	3.2	10, 19
	1800	182TC	**CCPX18346T**	⑥	T3C	3,412	XSM	18.33	111	89.5	230/460	3.5	19
	1200	213TCY	**CCPX21366T**	⑥	T3C	5,421	XSM	20.77	221	89.5	230/460	3.8	10, 19, 47
5	3600	184TC	**CCPX18526T**	⑥	T3C	4,756	XSM	18.33	122	88.5	230/460	4.2	10, 19, 35
	1800	184TC	**CCPX18546T**	⑥	T3C	3,954	XSM	18.33	123	89.5	230/460	5.2	19
7 1/2	3600	213TCY	**CCPX21726T**	⑥	T3C	5,449	XSM	20.77	169	90.7	230/460	7.6	10, 19, 47
	1800	213TCY	**CCPX21746T**	⑥	T3C	4,917	XSM	20.77	228	91.7	230/460	8.7	19, 35, 47
	1200	254TC	**CCPX25766T**	⑥	T3C	7,203	XSM	26.04	322	91.0	230/460	9.6	10, 19, 35
10	3600	215TCY	**CCPX21126T**	⑥	T3C	5,691	XSM	20.77	174	90.2	230/460	11.0	10, 19, 47
	1800	215TCY	**CCPX21146T**	⑥	T3C	6,554	XSM	20.77	252	91.7	230/460	11.6	19, 35, 47
	1200	256TC	**CCPX25166T**	⑥	T3C	8,447	XSM	26.04	336	91.0	230/460	13.2	10, 19, 35
15	3600	254TC	**CCPX251526T**	⑥	T3C	6,850	XSM	26.04	359	91.0	230/460	14.5	10, 19, 35
	1800	254TC	**CCPX251546T**	⑥	T3C	7,846	XSM	26.04	302	92.4	230/460	15.2	19, 35
	1200	284TC	**CCPX281566T**	⑥	T3C	13,277	XSM	28.61	438	91.7	230/460	18.0	10, 19, 35, 47
20	3600	256TC	**CCPX25226T**	⑥	T3C	8,981	XSM	26.04	314	91.0	230/460	20.0	10, 19, 35
	1800	256TC	**CCPX25246T**	⑥	T3C	9,854	XSM	26.04	335	93.0	230/460	22.0	10, 19, 35
	1200	286TCY	**CCPX28266T**	⑥	T3C	13,595	XSM	28.61	583	91.7	230/460	23.0	10, 19, 47
25	3600	284TSCY	**CCPX282526T**	⑥	T3C	11,581	XSM	27.24	525	91.7	230/460	27.0	10, 19, 47
	1800	284TCY	**CCPX282546T**	⑥	T3C	12,035	XSM	28.61	447	93.6	230/460	30.0	10, 19, 35, 47
	1200	324TCY	**CCPX322566T**	⑥	T3C	16,906	XSM	32.00	745	93.0	230/460	31.0	10, 19, 35, 47
30	3600	286TSCY	**CCPX28326T**	⑥	T3C	13,811	XSM	27.24	495	91.7	230/460	33.0	10, 19, 47
	1800	286TCY	**CCPX28346T**	⑥	T3C	14,375	XSM	28.61	459	93.6	230/460	38.0	10, 19, 35, 47
	1200	326TCY	**CCPX32366T**	⑥	T3C	18,487	XSM	32.00	766	93.0	230/460	39.0	10, 19, 35, 47
40	3600	324TSCY	**CCPX32426T**	⑥	T3C	17,117	XSM	30.50	745	92.4	230/460	41.0	10, 19, 35, 47
	1800	324TCY	**CCPX32446T**	⑥	T3C	19,052	XSM	32.00	720	94.1	230/460	45.0	10, 19, 35, 47
	1200	364TC	**CCPX36466T**	⑥	T3C	21,469	XSM	33.48	908	94.1	230/460	49.0	10, 35
50	3600	326TSCY	**CCPX32526T**	⑥	T3C	21,468	XSM	30.50	766	93.0	230/460	54.0	10, 19, 35, 47
	1800	326TCY	**CCPX32546T**	⑥	T3C	21,858	XSM	32.00	782	94.5	230/460	57.0	10, 19, 35, 47
	1200	365TC	**CCPX36566T**	⑥	T3C	23,987	XSM	33.48	982	94.1	230/460	61.9	10, 35
60	3600	364TSC	**CCPX36626T**	⑥	T3C	24,451	XSM	31.36	974	93.6	230/460	65.1	10
	1800	364TC	**CCPX36646T**	⑥	T3C	24,557	XSM	33.48	910	95.0	230/460	68.0	10
	1200	404TC	**CCPX40666T**	⑥	T3C	30,272	XSM	38.22	1322	94.5	230/460	69.0	10
75	3600	365TSC	**CCPX36726T**	⑥	T3C	25,420	XSM	31.36	1005	93.6	230/460	81.8	10
	1800	365TC	**CCPX36746T**	⑥	T3C	26,821	XSM	33.48	1089	95.4	230/460	85.9	10
	1200	405TC	**CCPX40766T**	⑥	T3C	31,270	XSM	38.22	1322	94.5	230/460	87.0	10

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

Cast iron frame

Explosion Proof, Drill Rig duty

1/2 thru 200 Hp

IP55

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
- DE shaft slinger, UL breather drains
- Normally closed thermostats
- Threaded lead inlet
- IP55 enclosure, marked on nameplate

Applications

- Bulk fuel terminals
- Customer specified Division 1 hazardous areas
- Transfer stations
- Fixed and variable speed operation
- On and off shore drill rig service
- 100% copper windings on all ratings

Explosion Proof, Drill Rig Duty, three phase, foot mounted



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
1	3600	143T	**DRX14124T**	④	T3C	2,300	XDM	14.22	41	84.0	230/460	1.3	10, 19
	1800	143T	**DRX14144T**	④	T3C	2,465	XDM	14.22	50	85.5	230/460	1.5	10, 19
	1200	145T	**DRX14164T**	④	T3C	3,102	XDM	15.09	49	82.5	230/460	1.5	10, 19
1 1/2	3600	143T	**DRX141524T**	④	T3C	2,432	XDM	14.22	47	84.0	230/460	1.7	10, 19
	1800	145T	**DRX141544T**	④	T3C	2,503	XDM	15.09	50	86.5	230/460	2.0	10, 19
	1200	182T	**DRX181564T**	④	T3C	3,712	XDM	17.56	149	87.5	230/460	2.3	19
2	3600	145T	**DRX14224T**	④	T3C	2,842	XDM	15.09	55	85.5	230/460	2.3	19
	1800	145T	**DRX14244T**	④	T3C	2,567	XDM	15.09	59	86.5	230/460	2.6	19
	1200	184T	**DRX18264T**	④	T3C	4,043	XDM	17.56	152	88.5	230/460	3.0	19
3	3600	182T	**DRX18324T**	④	T3C	3,417	XDM	17.56	150	86.5	230/460	3.2	19
	1800	182T	**DRX18344T**	④	T3C	2,735	XDM	17.56	111	89.5	230/460	3.5	19
	1200	213T	**DRX21364T**	④	T3C	4,568	XDM	20.03	200	89.6	230/460	3.8	19
5	3600	184T	**DRX18524T**	④	T3C	4,006	XDM	17.56	122	88.5	230/460	4.2	19, 35
	1800	184T	**DRX18544T**	④	T3C	3,247	XDM	17.56	152	89.5	230/460	5.1	19
	1200	215T	**DRX21564T**	④	T3C	5,070	XDM	20.03	245	89.8	230/460	5.5	19
7 1/2	3600	213T	**DRX21724T**	④	T3C	4,621	XDM	20.03	184	90.7	230/460	7.6	19
	1800	213T	**DRX21744T**	④	T3C	4,118	XDM	20.03	193	91.7	230/460	8.7	19, 35
	1200	254T	**DRX25764T**	④	T3C	5,816	XDM	25.54	374	91.0	230/460	9.6	10, 19, 35
10	3600	215T	**DRX21124T**	④	T3C	4,849	XDM	20.03	174	90.2	230/460	11.0	19
	1800	215T	**DRX21144T**	④	T3C	5,666	XDM	20.03	252	91.7	230/460	11.6	19, 35
	1200	256T	**DRX25164T**	④	T3C	6,993	XDM	25.54	400	91.0	230/460	14.0	10, 19, 35
15	3600	254T	**DRX251524T**	④	T3C	5,483	XDM	25.54	349	91.0	230/460	14.5	19, 35
	1800	254T	**DRX251544T**	④	T3C	6,425	XDM	25.54	372	92.4	230/460	15.2	19, 35

④= Class I, Group C & D

Cast iron frame

Explosion Proof, Drill Rig Duty, three phase, foot mounted

Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
15	1200	284T	**DRX281564T**	④	T3C	11,271	XDM	28.61	566	91.7	230/460	18.0	10, 19, 35
20	3600	256T	**DRX25224T**	④	T3C	7,229	XDM	25.54	317	91.0	230/460	20.0	19, 35
	1800	256T	**DRX25244T**	④	T3C	8,324	XDM	25.54	336	93.0	230/460	22.0	19, 35
	1200	286T	**DRX28264T**	④	T3C	11,573	XDM	28.61	475	91.7	230/460	23.0	10, 19
25	3600	284TS	**DRX282524T**	④	T3C	9,488	XDM	27.23	445	91.7	230/460	28.0	10, 19
	1800	284T	**DRX282544T**	④	T3C	10,097	XDM	28.61	448	93.6	230/460	30.0	19, 35
	1200	324T	**DRX322564T**	④	T3C	14,469	XDM	32.00	741	93.0	230/460	31.0	10, 19, 35
30	3600	286TS	**DRX28324T**	④	T3C	11,327	XDM	27.23	495	91.7	230/460	33.0	10, 19
	1800	286T	**DRX28344T**	④	T3C	12,310	XDM	28.61	461	93.6	230/460	38.0	19, 35
	1200	326T	**DRX32364T**	④	T3C	15,964	XDM	32.00	766	93.0	230/460	39.0	10, 19, 35
40	3600	324TS	**DRX32424T**	④	T3C	14,669	XDM	30.50	745	92.4	230/460	41.0	10, 19, 35
	1800	324T	**DRX32444T**	④	T3C	16,498	XDM	32.06	726	94.1	230/460	45.0	19, 35
	1200	364T	**DRX36464T**	④	T3C	19,213	XDM	33.48	908	94.1	230/460	49.8	10
50	3600	326TS	**DRX32524T**	④	T3C	18,782	XDM	30.50	766	93.0	230/460	54.0	10, 19, 35
	1800	326T	**DRX32544T**	④	T3C	19,151	XDM	32.06	790	94.5	230/460	57.0	19, 35
	1200	365T	**DRX36564T**	④	T3C	21,685	XDM	33.48	908	94.1	230/460	62.0	10
60	3600	364TS	**DRX36624T**	④	T3C	22,102	XDM	31.35	1023	93.6	230/460	65.1	10
	1800	364T	**DRX36644T**	④	T3C	22,245	XDM	33.48	1033	95.0	230/460	67.8	
	1200	404T	**DRX40664T**	④	T3C	27,376	XDM	38.22	1322	94.5	230/460	69.0	10
75	3600	365TS	**DRX36724T**	④	T3C	23,050	XDM	31.35	1005	93.6	230/460	81.8	10
	1800	365T	**DRX36744T**	④	T3C	24,423	XDM	33.48	966	95.4	230/460	86.0	
	1200	405T	**DRX40764T**	④	T3C	28,354	XDM	38.22	1405	94.5	230/460	87.0	10
100	1800	405T	**DRX40144T**	④	T3C	28,364	XDM	38.22	1326	95.4	230/460	112.0	
	1200	444T	**DRX44164T**	④	T3C	33,678	XDM	44.97	1800	95.0	230/460	116.0	10
460 volt													
125	1800	444T	**DRX441244T**	④	T3C	34,239	XDM	44.97	1669	95.4	460	144.0	
	1200	445T	**DRX441264T**	④	T3C	36,818	XDM	44.97	1913	95.0	460	144.0	10
150	1800	445T	**DRX441544T**	④	T3C	38,264	XDM	44.97	1826	95.8	460	169.0	10
200	1800	447T	**DRX44244T**	④	T3C	52,944	XDM	48.47	2676	96.2	460	222.0	10
575 volt													
1	3600	143T	**DRX14124T-5**	④	T3C	2,300	XDM	14.22	38	84.0	575	1.1	10
	1800	143T	**DRX14144T-5**	④	T3C	2,465	XDM	14.22	50	85.5	575	1.3	10
2	3600	145T	**DRX14224T-5**	④	T3C	2,842	XDM	15.09	55	85.5	575	2.0	10
	1800	145T	**DRX14244T-5**	④	T3C	2,567	XDM	15.09	59	86.5	575	2.3	10
3	3600	182T	**DRX18324T-5**	④	T3C	3,417	XDM	17.56	127	86.5	575	3.0	10
	1800	182T	**DRX18344T-5**	④	T3C	2,735	XDM	17.56	111	89.5	575	3.3	10
5	3600	184T	**DRX18524T-5**	④	T3C	4,006	XDM	17.56	122	88.5	575	4.5	10, 35
	1800	184T	**DRX18544T-5**	④	T3C	3,247	XDM	17.56	123	89.5	575	5.3	10
7 1/2	3600	213T	**DRX21724T-5**	④	T3C	4,621	XDM	20.03	184	89.5	575	7.2	10
	1800	213T	**DRX21744T-5**	④	T3C	4,118	XDM	20.03	228	91.7	575	7.5	10, 35
10	3600	215T	**DRX21124T-5**	④	T3C	4,849	XDM	20.03	235	90.2	575	9.0	10
	1800	215T	**DRX21144T-5**	④	T3C	5,666	XDM	20.03	252	92.4	575	10.1	10, 35
15	3600	254T	**DRX251524T-5**	④	T3C	5,483	XDM	25.54	316	91.0	575	13.7	10, 35
	1800	254T	**DRX251544T-5**	④	T3C	6,425	XDM	25.54	303	92.4	575	14.6	10, 35
20	3600	256T	**DRX25224T-5**	④	T3C	7,229	XDM	25.54	388	91.0	575	17.5	10, 35

④= Class I, Group C & D

Cast iron frame

Explosion Proof, Drill Rig Duty, three phase, foot mounted

Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
575 volt													
20	1800	256T	**DRX25244T-5**	④	T3C	8,324	XDM	25.54	335	93.0	575	19.2	10, 35
25	3600	284TS	**DRX282524T-5**	④	T3C	9,488	XDM	27.23	596	91.7	575	23.0	10
	1800	284T	**DRX282544T-5**	④	T3C	10,097	XDM	28.61	506	93.6	575	25.0	10, 35
30	3600	286TS	**DRX28324T-5**	④	T3C	11,327	XDM	27.23	495	91.7	575	26.0	10
	1800	286T	**DRX28344T-5**	④	T3C	12,310	XDM	28.61	606	93.6	575	29.0	10, 35
40	3600	324TS	**DRX32424T-5**	④	T3C	14,669	XDM	30.50	593	92.4	575	36.0	10, 35
	1800	324T	**DRX32444T-5**	④	T3C	16,498	XDM	32.00	725	94.1	575	39.0	10, 35
50	3600	326TS	**DRX32524T-5**	④	T3C	18,782	XDM	30.50	649	93.0	575	45.0	10, 35
	1800	326T	**DRX32544T-5**	④	T3C	19,151	XDM	32.00	814	94.5	575	47.0	35
60	1800	364T	**DRX36644T-5**	④	T3C	22,245	XDM	33.48	965	95.0	575	54.7	10
75	1800	365T	**DRX36744T-5**	④	T3C	24,423	XDM	33.48	965	95.4	575	68.5	10
100	1800	405T	**DRX40144T-5**	④	T3C	28,364	XDM	38.22	1326	95.4	575	89.6	10

④= Class I, Group C & D

Cast iron frame

Explosion Proof, Drill Rig Duty, three phase, C-face foot mounted



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
1/2	1800	56C	**CDRX050544**	④	T3C	1,764	XDM	13.14	37	80.0	230/460	0.9	19, 60
3/4	1800	56C	**CDRX050744**	④	T3C	1,928	XDM	14.28	33	82.5	230/460	1.1	19
1	3600	143TC	**CDRX14124T**	④	T3C	2,406	XDM	14.34	41	84.0	230/460	1.3	10, 19
	1800	56C	**CDRX05144**	④	T3C	2,557	XDM	14.28	50	85.5	230/460	1.5	19
		143TC	**CDRX14144T**	④	T3C	2,570	XDM	14.34	50	85.5	230/460	1.5	19
	1200	145TC	**CDRX14164T**	④	T3C	3,208	XDM	15.21	49	82.5	230/460	1.5	19
1 1/2	3600	143TC	**CDRX141524T**	④	T3C	2,538	XDM	14.34	47	84.0	230/460	1.7	10, 19
	1800	145TC	**CDRX141544T**	④	T3C	2,608	XDM	15.21	50	86.5	230/460	2.0	19
	1200	182TC	**CDRX181564T**	④	T3C	4,230	XDM	18.31	149	87.5	230/460	2.3	10, 19
2	3600	145TC	**CDRX14224T**	④	T3C	2,948	XDM	15.21	46	85.5	230/460	2.3	10, 19
	1800	145TC	**CDRX14244T**	④	T3C	2,673	XDM	15.21	48	86.5	230/460	2.6	19
	1200	184TC	**CDRX18264T**	④	T3C	4,561	XDM	18.31	152	88.5	230/460	3.0	19
3	3600	182TC	**CDRX18324T**	④	T3C	3,936	XDM	18.31	127	86.5	230/460	3.2	19
	1800	182TC	**CDRX18344T**	④	T3C	3,254	XDM	18.31	111	89.5	230/460	3.5	19
	1200	213TC	**CDRX21364T**	④	T3C	5,129	XDM	20.78	221	89.5	230/460	3.8	10, 19
5	3600	184TC	**CDRX18524T**	④	T3C	4,525	XDM	18.31	150	88.5	230/460	4.2	19, 35
	1800	184TC	**CDRX18544T**	④	T3C	3,766	XDM	18.31	123	89.5	230/460	5.2	19
	1200	215TC	**CDRX21564T**	④	T3C	5,632	XDM	20.78	245	89.8	230/460	5.5	10, 19
7 1/2	3600	213TC	**CDRX21724T**	④	T3C	5,182	XDM	20.78	184	90.7	230/460	7.6	10, 19
	1800	213TC	**CDRX21744T**	④	T3C	4,680	XDM	20.78	154	91.7	230/460	8.7	19, 35
	1200	254TC	**CDRX25764T**	④	T3C	6,867	XDM	26.04	397	91.0	230/460	9.6	10, 19, 35
10	3600	215TC	**CDRX21124T**	④	T3C	5,411	XDM	20.78	174	90.2	230/460	11.0	19
	1800	215TC	**CDRX21144T**	④	T3C	6,228	XDM	20.78	252	91.7	230/460	11.6	19, 35
	1200	256TC	**CDRX25164T**	④	T3C	8,044	XDM	26.04	403	91.0	230/460	14.0	10, 19, 35
15	3600	254TC	**CDRX251524T**	④	T3C	6,534	XDM	26.04	349	91.0	230/460	14.5	10, 19, 35
	1800	254TC	**CDRX251544T**	④	T3C	7,476	XDM	26.04	229	92.4	230/460	15.2	19, 35
	1200	284TC	**CDRX281564T**	④	T3C	12,627	XDM	28.61	478	91.7	230/460	18.0	10, 19, 35
20	3600	256TC	**CDRX25224T**	④	T3C	8,279	XDM	26.04	390	91.0	230/460	20.0	10, 19, 35
	1800	256TC	**CDRX25244T**	④	T3C	9,374	XDM	26.04	335	93.0	230/460	22.0	19, 35
	1200	286TC	**CDRX28264T**	④	T3C	12,928	XDM	28.61	459	91.7	230/460	23.0	10, 19
25	3600	284TSC	**CDRX282524T**	④	T3C	10,843	XDM	27.23	408	91.7	230/460	28.0	19
	1800	284TC	**CDRX282544T**	④	T3C	11,453	XDM	28.61	601	93.6	230/460	30.0	19, 35
	1200	324TC	**CDRX322564T**	④	T3C	16,071	XDM	32.00	741	93.0	230/460	31.0	10, 19, 35
30	3600	286TSC	**CDRX28324T**	④	T3C	12,683	XDM	27.23	438	91.7	230/460	33.0	10, 19
	1800	286TC	**CDRX28344T**	④	T3C	13,666	XDM	28.61	518	93.6	230/460	38.0	10, 19, 35
	1200	326TC	**CDRX32364T**	④	T3C	17,567	XDM	32.00	766	93.0	230/460	39.0	10, 19, 35
40	3600	324TSC	**CDRX32424T**	④	T3C	16,271	XDM	30.50	593	92.4	230/460	41.0	10, 19, 35
	1800	324TC	**CDRX32444T**	④	T3C	18,100	XDM	32.00	725	94.1	230/460	45.0	10, 19, 35
	1200	364TC	**CDRX36464T**	④	T3C	21,114	XDM	33.45	908	94.1	230/460	49.8	10

④= Class I, Group C & D

Cast iron frame

Explosion Proof, Drill Rig Duty, three phase, C-face foot mounted

Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
50	3600	326TSC	**CDRX32524T**	④	T3C	20,384	XDM	30.50	790	93.0	230/460	54.0	10, 19, 35
	1800	326TC	**CDRX32544T**	④	T3C	20,753	XDM	32.00	782	94.5	230/460	57.0	10, 19, 35
60	1800	364TC	**CDRX36644T**	④	T3C	24,145	XDM	33.45	1037	95.0	230/460	68.0	10
75	1800	365TC	**CDRX36744T**	④	T3C	26,324	XDM	33.45	965	95.4	230/460	85.9	
100	1800	405TC	**CDRX40144T**	④	T3C	30,702	XDM	38.22	1466	95.4	230/460	112.0	10
575 volt													
1	3600	143TC	**CDRX14124T-5**	④	T3C	2,406	XDM	14.34	41	84.0	575	1.1	10
	1800	143TC	**CDRX14144T-5**	④	T3C	2,570	XDM	14.34	50	85.5	575	1.3	
2	3600	145TC	**CDRX14224T-5**	④	T3C	2,948	XDM	15.21	55	85.5	575	2.0	10
	1800	145TC	**CDRX14244T-5**	④	T3C	2,673	XDM	15.21	59	86.5	575	2.3	10
3	3600	182TC	**CDRX18324T-5**	④	T3C	3,936	XDM	18.31	127	86.5	575	3.0	10
	1800	182TC	**CDRX18344T-5**	④	T3C	3,254	XDM	18.31	127	89.5	575	3.3	
5	3600	184TC	**CDRX18524T-5**	④	T3C	4,525	XDM	18.31	150	88.5	575	4.5	10, 35
	1800	184TC	**CDRX18544T-5**	④	T3C	3,766	XDM	18.31	157	89.5	575	5.3	10
7 1/2	3600	213TC	**CDRX21724T-5**	④	T3C	5,182	XDM	20.78	169	89.5	575	7.2	10
	1800	213TC	**CDRX21744T-5**	④	T3C	4,680	XDM	20.78	193	91.7	575	7.5	10, 35
10	3600	215TC	**CDRX21124T-5**	④	T3C	5,411	XDM	20.78	235	90.2	575	9.0	
	1800	215TC	**CDRX21144T-5**	④	T3C	6,228	XDM	20.78	252	92.4	575	10.1	35
15	3600	254TC	**CDRX251524T-5**	④	T3C	6,534	XDM	26.04	349	91.0	575	13.7	10, 35
	1800	254TC	**CDRX251544T-5**	④	T3C	7,476	XDM	26.04	373	92.4	575	14.6	35
20	3600	256TC	**CDRX25224T-5**	④	T3C	8,279	XDM	26.04	390	91.0	575	17.5	10, 35
	1800	256TC	**CDRX25244T-5**	④	T3C	9,374	XDM	26.04	335	93.0	575	19.2	10, 35
25	3600	284TSC	**CDRX282524T-5**	④	T3C	10,843	XDM	27.23	525	91.7	575	23.0	10
	1800	284TC	**CDRX282544T-5**	④	T3C	11,453	XDM	28.61	506	93.6	575	25.0	10, 35
30	3600	286TSC	**CDRX28324T-5**	④	T3C	12,683	XDM	27.23	495	91.7	575	26.0	10
	1800	286TC	**CDRX28344T-5**	④	T3C	13,666	XDM	28.61	518	93.6	575	29.0	10, 35
40	3600	324TSC	**CDRX32424T-5**	④	T3C	16,271	XDM	30.50	745	92.4	575	36.0	10, 35
	1800	324TC	**CDRX32444T-5**	④	T3C	18,100	XDM	32.00	720	94.1	575	39.0	10, 35
50	3600	326TSC	**CDRX32524T-5**	④	T3C	20,384	XDM	30.50	766	93.0	575	45.0	10, 35
	1800	326TC	**CDRX32544T-5**	④	T3C	20,753	XDM	32.00	782	94.5	575	47.0	10, 35

④= Class I, Group C & D

Cast iron frame

Explosion Proof, Drill Rig Duty, three phase, C-face Footless



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
1/2	1800	56C	**VDRX050544**	④	T3C	1,764	XDM	13.12	37	80.0	230/460	0.9	19, 60
3/4	1800	56C	**VDRX050744**	④	T3C	1,928	XDM	14.28	37	82.5	230/460	1.2	19
1	1800	56C	**VDRX05144**	④	T3C	2,557	XDM	14.28	41	85.5	230/460	1.5	19
		143TC	**VDRX14144T**	④	T3C	2,570	XDM	14.34	50	85.5	230/460	1.5	19
1 1/2	1800	56C	**VDRX051544**	④	T3C	2,595	XDM	15.15	46	86.5	230/460	2.0	19
		145TC	**VDRX141544T**	④	T3C	2,608	XDM	15.21	46	86.5	230/460	2.0	19
2	1800	145TC	**VDRX14244T**	④	T3C	2,673	XDM	15.21	59	86.5	230/460	2.6	19
3	1800	182TC	**VDRX18344T**	④	T3C	3,254	XDM	18.31	127	89.5	230/460	3.5	19
5	1800	184TC	**VDRX18544T**	④	T3C	3,766	XDM	18.31	123	89.5	230/460	5.1	19
7 1/2	1800	213TC	**VDRX21744T**	④	T3C	4,680	XDM	20.77	228	91.7	230/460	8.7	19, 35
10	1800	215TC	**VDRX21144T**	④	T3C	6,228	XDM	20.77	252	91.7	230/460	11.6	19, 35
15	1800	254TC	**VDRX251544T**	④	T3C	7,476	XDM	26.04	374	92.4	230/460	15.2	10, 19, 35
20	1800	256TC	**VDRX25244T**	④	T3C	9,374	XDM	26.04	335	93.0	230/460	22.0	10, 19, 35
25	1800	284TC	**VDRX282544T**	④	T3C	11,453	XDM	28.67	506	93.6	230/460	30.0	10, 19, 35
30	1800	286TC	**VDRX28344T**	④	T3C	13,666	XDM	28.67	518	93.6	230/460	38.0	10, 19, 35
40	1800	324TC	**VDRX32444T**	④	T3C	18,100	XDM	32.00	720	94.1	230/460	45.0	10, 19, 35
50	1800	326TC	**VDRX32544T**	④	T3C	20,753	XDM	32.00	782	94.5	230/460	57.0	10, 19, 35

④= Class I, Group C & D

Cast iron frame

Explosion Proof, Drill Rig Duty, three phase, close-coupled pump

NEMA JP pump mount



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
3	1800	182JP	**JPDRX18344T**	④	T3C	3,473	XDP	22.09	127	89.5	230/460	3.5	19
5	1800	184JP	**JPDRX18544T**	④	T3C	3,985	XDP	22.09	152	89.5	230/460	5.1	19
7 1/2	1800	213TCZ	**JPDRX21744TY**	④	T3C	5,082	XDP	25.65	228	91.7	230/460	8.7	19, 35, 39
10	1800	215TCZ	**JPDRX21144TY**	④	T3C	6,629	XDP	25.65	252	91.7	230/460	11.6	19, 35, 39
575 volt													
3	1800	182JP	**JPDRX18344T-5**	④	T3C	3,473	XDP	22.09	127	89.5	575	3.3	
5	1800	184JP	**JPDRX18544T-5**	④	T3C	3,985	XDP	22.09	152	89.5	575	5.3	10
7 1/2	1800	213TCZ	**JPDRX21744TY-5**	④	T3C	5,082	XDP	25.65	228	91.7	575	7.5	10, 35, 39
10	1800	215JP	**JPDRX21144TY-5**	④	T3C	6,629	XDP	25.65	252	92.4	575	10.1	10, 35, 39

④= Class I, Group C & D

Cast iron frame

Explosion Proof, Drill Rig duty

1/3 thru 1 Hp

IP55

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
- 100% copper windings on all ratings

Applications

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

Explosion Proof, Drill Rig Duty, single phase, C-face foot mounted



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt													
1/3	1800	56C	**CDRXL050344**	④	T3C	1,507	XDP	14.28	35	55.0	115/230	3.3	
1/2	1800	56C	**CDRXL050544**	④	T3C	1,597	XDP	14.31	43	66.0	115/230	3.5	
3/4	1800	56C	**CDRXL050744**	④	T3C	1,745	XDP	15.17	53	70.0	115/230	4.9	
1	1800	56C	**CDRXL05144**	④	T3C	1,912	XDP	15.16	57	74.0	115/230	6.3	

④= Class I, Group C & D

Division 1 Inverter capabilities

The following list of Explosion Proof motors are marked for Division 1 on both sine wave and inverter power. Division 1 Temp Codes are provided in the standard format per the NEC Article 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

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

Catalog Number	Cls/Grp	Temp Code	VT Speed Range (Hz)	CT Speed Range (Hz)	CHP Speed Range (Hz)
CDRX050544	④	T3C	6-60	6-60	60-90
CDRX050744	④	T3C	6-60	6-60	60-90
CDRX05144	④	T3C	6-60	6-60	60-90
CDRX14124T	④	T3C	6-60	6-60	60-90
CDRX14124T-5	④	T3C	6-60	6-60	60-90
CDRX14144T	④	T3C	6-60	6-60	60-90
CDRX14144T-5	④	T3C	6-60	6-60	60-90
CDRX141524T	④	T3C	6-60	6-60	60-90
CDRX141544T	④	T3C	6-60	6-60	60-90
CDRX14164T	④	T3C	6-60	6-60	60-90
CDRX14224T	④	T3C	6-60	6-60	60-90
CDRX14224T-5	④	T3C	6-60	6-60	60-90
CDRX14244T	④	T3C	6-60	6-60	60-90
CDRX14244T-5	④	T3C	6-60	6-60	60-90
CDRX181564T	④	T3C	6-60	6-60	60-90
CDRX18264T	④	T3C	6-60	6-60	60-90
CDRX18324T	④	T3C	6-60	6-60	60-90
CDRX18324T-5	④	T3C	6-60	6-60	60-90
CDRX18344T	④	T3C	6-60	6-60	60-90
CDRX18344T-5	④	T3C	6-60	6-60	60-90
CDRX18524T	④	T3C	6-60	6-60	60-90
CDRX18524T-5	④	T3C	6-60	6-60	60-90
CDRX18544T	④	T3C	6-60	6-60	60-90
CDRX18544T-5	④	T3C	6-60	6-60	60-90
CDRX21124T	④	T3C	6-60	6-60	60-90
CDRX21124T-5	④	T3C	6-60	6-60	60-90
CDRX21144T	④	T3C	6-60	6-60	60-90

Catalog Number	Cls/Grp	Temp Code	VT Speed Range (Hz)	CT Speed Range (Hz)	CHP Speed Range (Hz)
CDRX21144T-5	④	T3C	6-60	6-60	60-90
CDRX21364T	④	T3C	6-60	6-60	60-90
CDRX21564T	④	T3C	6-60	6-60	60-90
CDRX21724T	④	T3C	6-60	6-60	60-90
CDRX21724T-5	④	T3C	6-60	6-60	60-90
CDRX21744T	④	T3C	6-60	6-60	60-90
CDRX21744T-5	④	T3C	6-60	6-60	60-90
CDRX251524T	④	T3C	6-60	6-60	60-90
CDRX251524T-5	④	T3C	6-60	6-60	60-90
CDRX251544T	④	T3C	6-60	6-60	60-90
CDRX251544T-5	④	T3C	6-60	6-60	60-90
CDRX25164T	④	T3C	6-60	6-60	60-90
CDRX25224T	④	T3C	6-60	6-60	60-90
CDRX25224T-5	④	T3C	6-60	6-60	60-90
CDRX25244T	④	T3C	6-60	6-60	60-90
CDRX25244T-5	④	T3C	6-60	6-60	60-90
CDRX25764T	④	T3C	6-60	6-60	60-90
CDRX281564T	④	T3C	6-60	6-60	60-90
CDRX282524T	④	T3C	6-60	6-60	60-90
CDRX282524T-5	④	T3C	6-60	6-60	60-90
CDRX282544T	④	T3C	6-60	6-60	60-90
CDRX282544T-5	④	T3C	6-60	6-60	60-90
CDRX28264T	④	T3C	6-60	6-60	60-90
CDRX28324T	④	T3C	6-60	6-60	60-90
CDRX28324T-5	④	T3C	6-60	6-60	60-90
CDRX28344T	④	T3C	6-60	6-60	60-90
CDRX28344T-5	④	T3C	6-60	6-60	60-90

Catalog Number	Cls/Grp	Temp Code	VT Speed Range (Hz)	CT Speed Range (Hz)	CHP Speed Range (Hz)
CDRX322564T	④	T3C	6-60	6-60	60-90
CDRX32364T	④	T3C	6-60	6-60	60-90
CDRX32424T	④	T3C	6-60	6-60	60-90
CDRX32424T-5	④	T3C	6-60	6-60	60-90
CDRX32444T	④	T3C	6-60	6-60	60-90
CDRX32444T-5	④	T3C	6-60	6-60	60-90
CDRX32524T	④	T3C	6-60	6-60	60-90
CDRX32524T-5	④	T3C	6-60	6-60	60-90
CDRX32544T	④	T3C	6-60	6-60	60-90
CDRX32544T-5	④	T3C	6-60	6-60	60-90
CDRX36464T	④	T3C	6-60	6-60	60-90
CDRX36644T	④	T3C	6-60	6-60	60-90
CDRX36744T	④	T3C	6-60	10-60	60-90
CDRX40144T	④	T3C	6-60	6-60	60-90
DRX14124T	④	T3C	6-60	6-60	60-90
DRX14124T-5	④	T3C	6-60	6-60	60-90
DRX14144T	④	T3C	6-60	6-60	60-90
DRX14144T-5	④	T3C	6-60	6-60	60-90
DRX141524T	④	T3C	6-60	6-60	60-90
DRX141544T	④	T3C	6-60	6-60	60-90
DRX14164T	④	T3C	6-60	6-60	60-90
DRX14224T	④	T3C	6-60	6-60	60-90
DRX14224T-5	④	T3C	6-60	6-60	60-90
DRX14244T	④	T3C	6-60	6-60	60-90
DRX14244T-5	④	T3C	6-60	6-60	60-90
DRX181564T	④	T3C	6-60	6-60	60-90
DRX18264T	④	T3C	6-60	6-60	60-90
DRX18324T	④	T3C	6-60	6-60	60-90
DRX18324T-5	④	T3C	6-60	6-60	60-90
DRX18344T	④	T3C	6-60	6-60	60-90
DRX18344T-5	④	T3C	6-60	6-60	60-90
DRX18524T	④	T3C	6-60	6-60	60-90
DRX18524T-5	④	T3C	6-60	6-60	60-90
DRX18544T	④	T3C	6-60	6-60	60-90
DRX18544T-5	④	T3C	6-60	6-60	60-90
DRX21124T	④	T3C	6-60	6-60	60-90
DRX21124T-5	④	T3C	6-60	6-60	60-90
DRX21144T	④	T3C	6-60	6-60	60-90
DRX21144T-5	④	T3C	6-60	6-60	60-90
DRX21364T	④	T3C	6-60	6-60	60-90
DRX21564T	④	T3C	6-60	6-60	60-90
DRX21724T	④	T3C	6-60	6-60	60-90
DRX21724T-5	④	T3C	6-60	6-60	60-90
DRX21744T	④	T3C	6-60	6-60	60-90
DRX21744T-5	④	T3C	6-60	6-60	60-90
DRX251524T	④	T3C	6-60	6-60	60-90
DRX251524T-5	④	T3C	6-60	6-60	60-90
DRX251544T	④	T3C	6-60	6-60	60-90
DRX251544T-5	④	T3C	6-60	6-60	60-90
DRX25164T	④	T3C	6-60	6-60	60-90
DRX25224T	④	T3C	6-60	6-60	60-90
DRX25224T-5	④	T3C	6-60	6-60	60-90
DRX25244T	④	T3C	6-60	6-60	60-90
DRX25244T-5	④	T3C	6-60	6-60	60-90
DRX25764T	④	T3C	6-60	6-60	60-90
DRX281564T	④	T3C	6-60	6-60	60-90
DRX282524T	④	T3C	6-60	6-60	60-90
DRX282524T-5	④	T3C	6-60	6-60	60-90
DRX282544T	④	T3C	6-60	6-60	60-90
DRX282544T-5	④	T3C	6-60	6-60	60-90
DRX28264T	④	T3C	6-60	6-60	60-90
DRX28324T	④	T3C	6-60	6-60	60-90
DRX28324T-5	④	T3C	6-60	6-60	60-90

Catalog Number	Cls/Grp	Temp Code	VT Speed Range (Hz)	CT Speed Range (Hz)	CHP Speed Range (Hz)
DRX28344T	④	T3C	6-60	6-60	60-90
DRX28344T-5	④	T3C	6-60	6-60	60-90
DRX322564T	④	T3C	6-60	6-60	60-90
DRX32364T	④	T3C	6-60	6-60	60-90
DRX32424T	④	T3C	6-60	6-60	60-90
DRX32424T-5	④	T3C	6-60	6-60	60-90
DRX32444T	④	T3C	6-60	6-60	60-90
DRX32444T-5	④	T3C	6-60	6-60	60-90
DRX32524T	④	T3C	6-60	6-60	60-90
DRX32524T-5	④	T3C	6-60	6-60	60-90
DRX32544T	④	T3C	6-60	6-60	60-90
DRX32544T-5	④	T3C	6-60	6-60	60-90
DRX36464T	④	T3C	6-60	6-60	60-90
DRX36564T	④	T3C	6-60	6-60	60-90
DRX36624T	④	T3C	6-60	6-60	60-70
DRX36644T	④	T3C	6-60	15-60	60-90
DRX36644T-5	④	T3C	6-60	6-60	60-90
DRX36724T	④	T3C	6-60	6-60	60-70
DRX36744T	④	T3C	6-60	15-60	60-90
DRX36744T-5	④	T3C	6-60	10-60	60-90
DRX40144T	④	T3C	6-60	6-60	60-90
DRX40144T-5	④	T3C	6-60	6-60	60-90
DRX40664T	④	T3C	6-60	6-60	60-90
DRX40764T	④	T3C	6-60	6-60	60-90
DRX441244T	④	T3C	6-60	6-60	60-90
DRX441264T	④	T3C	6-60	10-60	60-90
DRX441544T	④	T3C	6-60	10-60	60-90
DRX44164T	④	T3C	6-60	6-60	60-90
DRX44244T	④	T3C	6-60	6-60	60-90
JMXM18322T	②	T3C	6-60	6-60	60-90
JMXM18522T	②	T3C	6-60	6-60	60-90
JMXM21122T	②	T2D	6-60	6-60	60-90
JMXM21722T	②	T3C	6-60	6-60	60-90
JPDRX18344T	④	T3C	6-60	6-60	60-90
JPDRX18344T-5	④	T3C	6-60	6-60	60-90
JPDRX18544T	④	T3C	6-60	6-60	60-90
JPDRX18544T-5	④	T3C	6-60	6-60	60-90
JPDRX21144TY	④	T3C	6-60	6-60	60-90
JPDRX21144TY-5	④	T3C	6-60	6-60	60-90
JPDRX21744TY	④	T3C	6-60	6-60	60-90
JPDRX21744TY-5	④	T3C	6-60	6-60	60-90
VDRX050544	④	T3C	6-60	6-60	60-90
VDRX050744	④	T3C	6-60	6-60	60-90
VDRX05144	④	T3C	6-60	6-60	60-90
VDRX051544	④	T3C	6-60	6-60	60-90
VDRX14144T	④	T3C	6-60	6-60	60-90
VDRX141544T	④	T3C	6-60	6-60	60-90
VDRX14244T	④	T3C	6-60	6-60	60-90
VDRX18344T	④	T3C	6-60	6-60	60-90
VDRX18544T	④	T3C	6-60	6-60	60-90
VDRX21144T	④	T3C	6-60	6-60	60-90
VDRX21744T	④	T3C	6-60	6-60	60-90
VDRX251544T	④	T3C	6-60	6-60	60-90
VDRX25244T	④	T3C	6-60	6-60	60-90
VDRX282544T	④	T3C	6-60	6-60	60-90
VDRX28344T	④	T3C	6-60	6-60	60-90
VDRX32444T	④	T3C	6-60	6-60	60-90
VDRX32544T	④	T3C	6-60	6-60	60-90
VXM050542-5	②	T3C	6-60	6-60	60-90
VXM050742-5	②	T3C	6-60	6-60	60-90
VXM05122	②	T3C	6-60	6-60	60-90
VXM05142	②	T3C	6-60	6-60	60-90
VXM05142-5	②	T3C	6-60	6-60	60-90

Catalog Number	Cls/Grp	Temp Code	VT Speed Range (Hz)	CT Speed Range (Hz)	CHP Speed Range (Hz)
VXM051542	②	T3C	6-60	6-60	60-90
VXM05162	②	T3C	6-60	6-60	60-90
VXM05242	②	T3C	6-60	6-60	60-90
VXM14142T	②	T3C	6-60	6-60	60-90
VXM14142T-5	②	T3C	6-60	6-60	60-90
VXM141522T	②	T3C	6-60	6-60	60-90
VXM141542T	②	T3C	6-60	6-60	60-90
VXM141542T-5	②	T3C	6-60	6-60	60-90
VXM141562T	②	T2C	6-60	6-60	60-90
VXM14222T	②	T3C	6-60	6-60	60-90
VXM14242T	②	T3C	6-60	6-60	60-90
VXM14242T-5	②	T3C	6-60	6-60	60-90
VXM18322T	②	T3C	6-60	6-60	60-90
VXM18342T	②	T3C	6-60	6-60	60-90
VXM18342T-5	②	T3C	6-60	6-60	60-90
VXM18522T	②	T3C	6-60	6-60	60-90
VXM18542T	②	T3C	6-60	30-60	60-90
VXM18542T-5	②	T3C	6-60	30-60	60-90
VXM21142T	②	T3C	6-60	15-60	60-90
VXM21722T	②	T3C	6-60	6-60	60-90
VXM21742T	②	T3C	6-60	6-60	60-90
VXM21742T-5	②	T3C	6-60	6-60	60-90
XM050542-5	②	T3C	6-60	6-60	60-90
XM050742-5	②	T3C	6-60	6-60	60-90
XM05122	②	T3C	6-60	6-60	60-90
XM05122-5	②	T3C	6-60	6-60	60-90
XM05142	②	T3C	6-60	1.3-60	60-90
XM05142-5	②	T3C	6-60	1.3-60	60-90
XM051542	②	T3C	6-60	1.3-60	60-90
XM05162	②	T3C	6-60	2.2-60	60-90
XM05242	②	T3C	6-60	6-60	60-90
XM14142T	②	T3C	6-60	1.3-60	60-90
XM14142T-5	②	T3C	6-60	1.3-60	60-90
XM141522T	②	T3C	6-60	1.7-60	60-90
XM141522T-5	②	T3C	6-60	6-60	60-90
XM141542T	②	T3C	6-60	1.3-60	60-90
XM141542T-5	②	T3C	6-60	1.3-60	60-90
XM14162T	②	T3C	6-60	2.2-60	60-90
XM14222T	②	T3C	6-60	1.8-60	60-90
XM14222T-5	②	T3C	6-60	1.8-60	60-90
XM14242T	②	T3C	6-60	6-60	60-90
XM14242T-5	②	T3C	6-60	1.5-60	60-90
XM18142	②	T3C	6-60	6-60	60-90
XM181562T	②	T3C	6-60	1.8-60	60-90
XM18262T	②	T3C	6-60	1.3-60	60-90
XM18322T	②	T3C	6-60	2.5-60	60-90
XM18342T	②	T3C	6-60	1.3-60	60-90
XM18342T-5	②	T3C	6-60	1.3-60	60-90
XM18522T	②	T3C	6-60	2.2-60	60-90
XM18522T-5	②	T3C	6-60	6-60	60-90
XM18542T	②	T3C	6-60	30-60	60-90
XM18542T-5	②	T3C	6-60	30-60	60-90
XM18542T-CI	②	T3C	6-60	6-60	60-90
XM21122T	②	T3C	6-60	6-60	60-90
XM21142T	②	T3C	6-60	15-60	60-90
XM21362T	②	T3C	6-60	6-60	60-90
XM21562T	②	T3C	6-60	6-60	60-90
XM21722T	②	T3C	6-60	6-60	60-90
XM21742T	②	T3C	6-60	6-60	60-90
XM21742T-5	②	T3C	6-60	6-60	60-90
XM251522T	②	T3C	6-60	6-60	60-90
XM251542T	②	T3C	6-60	6-60	60-90
XM25162T	②	T3C	6-60	6-60	60-90
XM25222T	②	T3C	6-60	30-60	60-90
XM25242T	②	T3C	6-60	6-60	60-90
XM25762T	②	T3C	6-60	6-60	60-90
XM281562T	②	T3C	6-60	6-60	60-90
XM282522T	②	T3C	6-60	6-60	60-90
XM282542T	②	T3C	6-60	6-60	60-90
XM28262T	②	T3C	6-60	6-60	60-90
XM28322T	②	T3C	6-60	6-60	60-90
XM28342T	②	T3C	6-60	12-60	60-90
XM322562T	②	T3C	6-60	6-60	60-90
XM32362T	②	T3C	6-60	6-60	60-90
XM32422T	②	T3C	6-60	6-60	60-90
XM32442T	②	T3C	6-60	6-60	60-90
XM32522T	②	T3C	6-60	6-60	60-90
XM32542T	②	T3C	6-60	20-60	60-90
XM36462T	②	T3C	6-60	6-60	60-90
XM36562T	②	T3C	6-60	6-60	60-90
XM36642T	②	T3C	6-60	6-60	60-90
CCPX18326T	⑥	T3C	6-60	6-60	60-90
CCPX18346T	⑥	T3C	6-60	6-60	60-90
CCPX18526T	⑥	T3C	6-60	6-60	60-90
CCPX18546T	⑥	T3C	6-60	6-60	60-90
CCPX21126T	⑥	T3C	6-60	6-60	60-90
CCPX21146T	⑥	T3C	6-60	6-60	60-90
CCPX21366T	⑥	T3C	6-60	6-60	60-90
CCPX21726T	⑥	T3C	6-60	6-60	60-90
CCPX21746T	⑥	T3C	6-60	6-60	60-90
CCPX251526T	⑥	T3C	6-60	6-60	60-90
CCPX251546T	⑥	T3C	6-60	6-60	60-90
CCPX25166T	⑥	T3C	6-60	6-60	60-90
CCPX25226T	⑥	T3C	6-60	6-60	60-90
CCPX25246T	⑥	T3C	6-60	6-60	60-90
CCPX25766T	⑥	T3C	6-60	6-60	60-90
CCPX281566T	⑥	T3C	6-60	6-60	60-90
CCPX282526T	⑥	T3C	6-60	6-60	60-90
CCPX282546T	⑥	T3C	6-60	6-60	60-90
CCPX28266T	⑥	T3C	6-60	6-60	60-90
CCPX28326T	⑥	T3C	6-60	6-60	60-90
CCPX28346T	⑥	T3C	6-60	6-60	60-90
CCPX322566T	⑥	T3C	6-60	6-60	60-90
CCPX32366T	⑥	T3C	6-60	6-60	60-90
CCPX32426T	⑥	T3C	6-60	6-60	60-90
CCPX32446T	⑥	T3C	6-60	6-60	60-90
CCPX32526T	⑥	T3C	6-60	6-60	60-90
CCPX32546T	⑥	T3C	6-60	6-60	60-90
CCPX36466T	⑥	T3C	6-60	6-60	60-90
CCPX36566T	⑥	T3C	6-60	6-60	60-90
CCPX36626T	⑥	T3C	6-60	6-60	60-70
CCPX36646T	⑥	T3C	6-60	6-60	60-90
CCPX36726T	⑥	T3C	6-60	6-60	60-70
CCPX36746T	⑥	T3C	6-60	10-60	60-90
CCPX40666T	⑥	T3C	6-60	6-60	60-90
CCPX40766T	⑥	T3C	6-60	6-60	60-90
CPX14146T	⑥	T3C	6-60	6-60	60-90
CPX141546T	⑥	T3C	6-60	6-60	60-90
CPX14246T	⑥	T3C	6-60	6-60	60-90
CPX18326T	⑥	T3C	6-60	6-60	60-90
CPX18346T	⑥	T3C	6-60	6-60	60-90
CPX18526T	⑥	T3C	6-60	6-60	60-90
CPX18546T	⑥	T3C	6-60	6-60	60-90
CPX21126T	⑥	T3C	6-60	6-60	60-90
CPX21146T	⑥	T3C	6-60	6-60	60-90
CPX21366T	⑥	T3C	6-60	6-60	60-90

Catalog Number	Cls/Grp	Temp Code	VT Speed Range (Hz)	CT Speed Range (Hz)	CHP Speed Range (Hz)
CPX21566T	⑥	T3C	6-60	6-60	60-90
CPX21726T	⑥	T3C	6-60	6-60	60-90
CPX21746T	⑥	T3C	6-60	6-60	60-90
CPX251526T	⑥	T3C	6-60	6-60	60-90
CPX251546T	⑥	T3C	6-60	6-60	60-90
CPX25166T	⑥	T3C	6-60	6-60	60-90
CPX25226T	⑥	T3C	6-60	6-60	60-90
CPX25246T	⑥	T3C	6-60	6-60	60-90
CPX25766T	⑥	T3C	6-60	6-60	60-90
CPX281566T	⑥	T3C	6-60	6-60	60-90
CPX282526T	⑥	T3C	6-60	6-60	60-90
CPX282546T	⑥	T3C	6-60	6-60	60-90
CPX28266T	⑥	T3C	6-60	6-60	60-90
CPX28326T	⑥	T3C	6-60	6-60	60-90
CPX28346T	⑥	T3C	6-60	6-60	60-90
CPX322566T	⑥	T3C	6-60	6-60	60-90
CPX32366T	⑥	T3C	6-60	6-60	60-90
CPX32426T	⑥	T3C	6-60	6-60	60-90
CPX32446T	⑥	T3C	6-60	6-60	60-90
CPX32526T	⑥	T3C	6-60	6-60	60-90
CPX32546T	⑥	T3C	6-60	6-60	60-90
CPX36466T	⑥	T3C	6-60	6-60	60-90
CPX36566T	⑥	T3C	6-60	6-60	60-90
CPX36626T	⑥	T3C	6-60	6-60	60-70
CPX36646T	⑥	T3C	6-60	10-60	60-90
CPX36726T	⑥	T3C	6-60	6-60	60-70
CPX36746T	⑥	T3C	6-60	10-60	60-90
CPX40146T	⑥	T3C	6-60	6-60	60-90
CPX40666T	⑥	T3C	6-60	6-60	60-90
CPX40766T	⑥	T3C	6-60	6-60	60-90
CPX441246T	⑥	T3C	6-60	6-60	60-90
CPX441546T	⑥	T3C	6-60	10-60	60-90
CPX44166T	⑥	T3C	6-60	6-60	60-90
CPX44246T	⑥	T3C	6-60	6-60	60-90
CPX442546T	⑥	T3C	6-60	10-60	60-90
JXM05122	②	T3C	6-60	6-60	60-90
JXM051522	②	T3C	6-60	6-60	60-90
JXM05222	②	T3C	6-60	6-60	60-90
CXM050342	②	T3C	6-60	6-60	60-90
CXM050542	②	T3C	6-60	6-60	60-90
CXM050742	②	T3C	6-60	6-60	60-90
CXM05122	②	T3C	6-60	6-60	60-90
CXM05142	②	T3C	6-60	6-60	60-90
CXM051542	②	T3C	6-60	6-60	60-90
CXM05242	②	T3C	6-60	6-60	60-90
CXM14142T	②	T3C	6-60	6-60	60-90
CXM141522T	②	T3C	6-60	6-60	60-90
CXM141542T	②	T3C	6-60	6-60	60-90
CXM14222T	②	T3C	6-60	6-60	60-90
CXM14242T	②	T3C	6-60	6-60	60-90
CXM18322T	②	T3C	6-60	6-60	60-90
CXM18342T	②	T3C	6-60	6-60	60-90
CXM18522T	②	T3C	6-60	6-60	60-90
CXM18542T	②	T3C	6-60	30-60	60-90
CXM21122T	②	T3C	6-60	6-60	60-90
CXM21142T	②	T3C	6-60	15-60	60-90
CXM21722T	②	T3C	6-60	6-60	60-90
CXM21742T	②	T3C	6-60	6-60	60-90
CXM251522T	②	T3C	6-60	6-60	60-90
CXM251542T	②	T3C	6-60	6-60	60-90
CXM25222T	②	T3C	6-60	6-60	60-90
CXM25242T	②	T3C	6-60	6-60	60-90
CXM282542T	②	T3C	6-60	6-60	60-90
CXM28342T	②	T3C	6-60	6-60	60-90
CXM32442T	②	T3C	6-60	6-60	60-90

Pump



Pump

ABB's Baldor-Reliance pump motors are reliable, durable and efficient, ideal for various environments from clean indoor settings to demanding industrial operations. They deliver consistent performance in water, wastewater and industrial fluid systems, with variable speed capabilities for improved control and efficiency, reducing operational costs for commercial and industrial applications.



Fire pump



Jet Pump



Jet Pump



Square flange pump



Square flange pump



Close-coupled pump



Close-coupled pump



IEEE 841XL, Vertical P-Base, solid shaft pump



Vertical P-Base, solid shaft pump



SAE hydraulic pump



Submersible motors



Submersible motor lead cable assemblies

Product Line		Fire Pump	Jet Pump and Close-Coupled	Vertical P-Base	Submersible
NEMA frame	Frame size range for stock products	210 - 440T	56 - 320T	180 - 360T	180 - 360T
Hp	Horsepower NEMA	10 - 300	1/3 - 50	3 - 75	1 - 100
Volts 60 Hz	Single phase 115/208-230 or 115/230	–	S	–	S
	Three phase 200 volts	–	A	A	–
	Three phase 200/400 volts	S	A	A	–
	Three phase 230/460 volts	S	S	S	–
	Three phase 460 volts	S	A	S	S
	Three phase 575 volts	S	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
Electrical features					
Efficiency	Baldor-Reliance motors meet or exceed all efficiency requirements for US, Canada & Mexico regulations	S	S	S	S
Torque	NEMA Design B torques	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	S
	12 lead wye delta connection	–	–	S	S
Mechanical features					
IP code	IP23 ingress protection	S	S	-	–
	IP44 ingress protection	–	S	–	–
	IP54 ingress protection	–	A	–	–
	IP55 ingress protection	–	S	S	–
	IP56 ingress protection	–	S	S (841XL)	–
	IP68 ingress protection	–	–	–	S
	IP69 ingress protection	–	S	–	–
Enclosure	Enclosure type	ODP	ODP or TEFC	TEFC	TENV
Frame	Heavy gauge steel frame	S	S	–	–
	Cast iron frame	S	S	S	S
	Lifting provisions positioned for easy handling in the application (motors over 70 Lbs)	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
Lubrication	Super-premium Mobil Polyrex™ EM series grease	S	S	S	S
Conduit box	Color coded and numbered leads for ease of connectivity	S	S	S	–
	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
Other key features					
Warranty	Warranty # months (NEMA Premium® Super-E®)	–	36	36	60
	Warranty # months	12	18	(841XL) 60	–

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

Fire pump
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
- 100% copper windings on all ratings

Applications
- UL listed Fire Pump motors installed per NFPA-20

Fire Pump, three phase, ODP, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
200/400 volt											
25	3600	256T	**FPM2516T-2/4**	3,515	PF3	21.69	206	91.0	200/400	34.0	1, 33
	1800	284TS	**FPM2531TS-2/4**	3,906	PF3	23.56	305	92.4	200/400	34.0	1, 33
30	3600	284TS	**FPM2534T-2/4**	4,058	PF3	22.06	224	91.0	200/400	40.0	1, 33
	1800	286TS	**FPM2535TS-2/4**	4,848	PF3	23.69	375	92.4	200/400	41.0	1, 33
40	3600	286TS	**FPM2538T-2/4**	5,156	PF3	23.56	254	91.7	200/400	52.0	1, 33
	1800	324TS	**FPM2539TS-2/4**	5,389	PF3	24.69	380	93.0	200/400	56.0	1, 33
50	3600	324TS	**FPM2542T-2/4**	5,880	PF3	24.69	340	92.4	200/400	67.0	1, 33
	1800	326TS	**FPM2543TS-2/4**	5,952	PF3	25.69	356	93.0	200/400	70.0	1, 33
60	3600	326TS	**FPM2546T-2/4**	7,170	PF3	25.69	390	93.0	200/400	78.0	1, 33
	1800	364TS	**FPM2547TS-2/4**	7,629	PF3	25.82	480	93.6	200/400	83.0	1, 33
75	3600	364TS	**FPM2549T-2/4**	9,778	PF3	25.82	485	93.0	200/400	96.0	1, 33
	1800	365TS	**FPM2551TS-2/4**	8,582	PF3	27.82	570	94.1	200/400	1.0	1, 33
100	3600	365TS	**FPM2550T-2/4**	10,612	PF3	26.82	571	93.0	200/400	130.0	1, 33
	1800	404TS	**FPM2555TS-2/4**	12,889	PF3	38.47	597	94.1	200/400	135.0	1, 33
230/460 volt											
10	3600	213T	**FPM3312T**	2,027	PF3	16.32	121	88.5	230/460	11.0	1
	1800	215T	**FPM3313T**	2,281	PF3	17.45	130	89.5	230/460	11.7	1
15	3600	215T	**FPM3314T**	2,637	PF3	16.32	131	89.5	230/460	14.5	1
	1800	254T	**FPM2513T**	3,016	PF3	21.69	205	91.0	230/460	14.6	1

Cast iron frame

Fire Pump, three phase, ODP, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
20	3600	254T	**FPM2514T**	3,144	PF3	22.25	145	90.2	230/460	21.0	1
	1800	256T	**FPM2515T**	3,239	PF3	21.69	210	91.0	230/460	22.0	1
25	3600	256T	**FPM2516T**	3,515	PF3	21.69	210	91.0	230/460	28.0	1
	1800	284TS	**FPM2531TS**	3,906	PF3	23.56	275	92.4	230/460	29.0	1
30	3600	284TS	**FPM2534T**	4,058	PF3	22.06	226	91.0	230/460	35.0	1
	1800	286TS	**FPM2535TS**	4,848	PF3	23.69	334	92.4	230/460	36.0	1
40	3600	286TS	**FPM2538T**	5,156	PF3	23.56	282	91.7	230/460	42.0	1
	1800	324TS	**FPM2539TS**	5,389	PF3	24.69	400	93.0	230/460	45.0	1
50	3600	324TS	**FPM2542T**	5,880	PF3	24.69	331	92.4	230/460	56.0	1
	1800	326TS	**FPM2543TS**	5,952	PF3	25.69	385	93.0	230/460	58.0	1
60	3600	326TS	**FPM2546T**	7,170	PF3	25.69	390	93.0	230/460	68.0	1
	1800	364TS	**FPM2547TS**	7,629	PF3	25.81	475	93.6	230/460	72.0	1
75	3600	364TS	**FPM2549T**	9,778	PF3	25.82	485	93.0	230/460	82.0	1
	1800	365TS	**FPM2551TS**	8,582	PF3	32.35	570	94.1	230/460	84.0	1
100	3600	365TS	**FPM2550T**	10,612	PF3	26.82	533	93.0	230/460	103.0	1
	1800	404TS	**FPM2555TS**	12,889	PF3	31.84	597	94.1	230/460	107.0	1
460 volt											
125	3600	404TS	**FPM2554T-4**	14,772	PF3	31.84	632	93.6	460	135.0	1
	1800	405TS	**FPM2559TS-4**	15,207	PF3	33.59	595	94.5	460	141.0	1
150	3600	405TS	**FPM2556T-4**	18,137	PF3	31.84	814	93.6	460	165.0	1
	1800	444TS	**FPM2558TS-4**	17,723	PF3	35.88	1579	95.0	460	167.0	
200	3600	444TS	**FPM2562T-4**	23,264	PF3	35.88	1449	94.5	460	212.0	
	1800	445TS	**FPM2563TS-4**	21,801	PF3	35.88	1718	95.0	460	205.0	
250	3600	445TS	**FPM2565T-4**	24,492	PF3	35.88	1737	94.5	460	279.0	
	1800	445TS	**FPM2566TS-4**	24,812	PF3	35.88	1844	95.4	460	265.0	
300	3600	445TS	**FPM2568T-4**	36,334	PF3	35.88	1549	95.0	460	339.0	
575 volt											
20	3600	254T	**FPM2514T-5**	3,144	PF3	22.25	145	90.2	575	18.5	
	1800	256T	**FPM2515T-5**	3,239	PF3	21.69	231	91.0	575	19.6	
25	3600	256T	**FPM2516T-5**	3,515	PF3	21.69	223	91.0	575	23.0	
	1800	284TS	**FPM2531TS-5**	3,906	PF3	23.56	320	92.4	575	23.0	
30	3600	284TS	**FPM2534T-5**	4,058	PF3	22.06	240	91.0	575	28.0	
	1800	286TS	**FPM2535TS-5**	4,848	PF3	23.69	420	92.4	575	29.0	
40	3600	286TS	**FPM2538T-5**	5,156	PF3	23.56	287	91.7	575	36.0	
	1800	324TS	**FPM2539TS-5**	5,389	PF3	24.69	3850	93.0	575	39.0	
50	3600	324TS	**FPM2542T-5**	5,880	PF3	24.69	449	92.4	575	46.0	
	1800	326TS	**FPM2543TS-5**	5,952	PF3	25.69	452	93.0	575	49.0	
60	3600	326TS	**FPM2546T-5**	7,170	PF3	25.69	449	93.0	575	54.0	
	1800	364TS	**FPM2547TS-5**	7,629	PF3	25.81	480	93.6	575	57.0	
75	3600	364TS	**FPM2549T-5**	9,778	PF3	25.81	486	93.0	575	67.0	
	1800	365TS	**FPM2551TS-5**	8,582	PF3	27.81	573	94.1	575	69.0	
100	3600	365TS	**FPM2550T-5**	10,612	PF3	26.81	525	93.0	575	90.0	
	1800	404TS	**FPM2555TS-5**	12,889	PF3	31.84	648	94.1	575	93.0	

Cast iron frame

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



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Packed pump, Type JP											
200/400 volt											
10	3600	213JP	**VJPFPM3312T-2/4**	2,142	PF3	24.41	121	88.5	200/400	13.8	1, 33
15	3600	215JP	**VJPFPM3314T-2/4**	2,752	PF3	24.41	131	89.5	200/400	20.4	1, 33
20	3600	254JP	**VJPFPM2514T-2/4**	3,663	PF3	27.66	145	90.2	200/400	26.5	1, 33
25	3600	256JP	**VJPFPM2516T-2/4**	4,208	PF3	28.15	209	91.0	200/400	34.0	1, 33
30	3600	284JP	**VJPFPM2534T-2/4**	4,983	PF3	30.02	277	91.0	200/400	40.0	1, 33
40	3600	286JP	**VJPFPM2538T-2/4**	5,956	PF3	31.44	311	91.7	200/400	52.0	1, 33
50	3600	324JP	**VJPFPM2542T-2/4**	7,422	PF3	31.21	456	92.4	200/400	67.0	1, 33
60	3600	326JP	**VJPFPM2546T-2/4**	8,785	PF3	32.21	385	93.0	200/400	78.0	1, 33
75	3600	364JP	**VJPFPM2549T-2/4**	11,848	PF3	32.50	472	93.0	200/400	96.0	1, 33
100	3600	365JP	**VJPFPM2550T-2/4**	12,641	PF3	33.35	523	93.0	200/400	130.0	1, 33
230/460 volt											
10	3600	213JP	**VJPFPM3312T**	2,142	PF3	24.41	121	88.5	230/460	11.0	1
	1800	215JP	**VJPFPM3313T**	2,390	PF3	24.41	130	89.5	230/460	11.7	1
15	3600	215JP	**VJPFPM3314T**	2,752	PF3	24.41	131	89.5	230/460	14.5	1
	1800	254JP	**VJPFPM2513T**	3,419	PF3	28.15	231	91.0	230/460	14.6	1
20	3600	254JP	**VJPFPM2514T**	3,663	PF3	27.66	145	90.2	230/460	21.0	1
	1800	256JP	**VJPFPM2515T**	3,828	PF3	28.15	212	91.0	230/460	22.0	1
25	3600	256JP	**VJPFPM2516T**	4,208	PF3	28.15	221	91.0	230/460	28.0	1
	1800	284JP	**VJPFPM2531T**	4,694	PF3	31.44	300	92.4	230/460	29.0	1
30	3600	284JP	**VJPFPM2534T**	4,983	PF3	30.02	278	91.0	230/460	35.0	1
	1800	286JP	**VJPFPM2535T**	5,761	PF3	29.25	375	92.4	230/460	36.0	1
40	3600	286JP	**VJPFPM2538T**	5,956	PF3	31.44	332	91.7	230/460	42.0	1
	1800	324JP	**VJPFPM2539T**	6,928	PF3	31.13	375	93.0	230/460	49.0	1
50	3600	324JP	**VJPFPM2542T**	7,422	PF3	31.21	331	92.4	230/460	56.0	1
	1800	326JP	**VJPFPM2543T**	7,712	PF3	32.21	378	93.0	230/460	58.0	1
60	3600	326JP	**VJPFPM2546T**	8,785	PF3	32.21	425	93.0	230/460	68.0	1
	1800	364JP	**VJPFPM2547T**	9,554	PF3	32.35	486	93.6	230/460	72.0	1
75	3600	364JP	**VJPFPM2549T**	11,848	PF3	32.35	472	93.0	230/460	82.0	1
	1800	365JP	**VJPFPM2551T**	11,154	PF3	34.35	565	94.1	230/460	84.0	1
100	3600	365JP	**VJPFPM2550T**	12,641	PF3	33.35	553	93.0	230/460	103.0	1
575 volt											
20	3600	254JP	**VJPFPM2514T-5**	3,663	PF3	27.66	145	90.2	575	18.5	
	1800	256JP	**VJPFPM2515T-5**	3,828	PF3	28.15	208	91.0	575	19.6	
25	3600	256JP	**VJPFPM2516T-5**	4,208	PF3	28.15	219	91.0	575	23.0	
	1800	284JP	**VJPFPM2531T-5**	4,694	PF3	31.44	322	92.4	575	23.0	
30	3600	284JP	**VJPFPM2534T-5**	4,983	PF3	30.02	266	91.0	575	28.0	
	1800	286JP	**VJPFPM2535T-5**	5,761	PF3	29.25	396	92.4	575	29.0	
40	3600	286JP	**VJPFPM2538T-5**	5,956	PF3	31.44	303	91.7	575	36.0	
	1800	324JP	**VJPFPM2539T-5**	6,928	PF3	31.21	530	93.0	575	39.0	
50	3600	324JP	**VJPFPM2542T-5**	7,422	PF3	31.21	396	92.4	575	46.0	
	1800	326JP	**VJPFPM2543T-5**	7,712	PF3	32.21	396	93.0	575	49.0	

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

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
575 volt											
60	3600	326JP	**VJPFPM2546T-5**	8,785	PF3	32.21	431	93.0	575	54.0	
	1800	364JP	**VJPFPM2547T-5**	9,554	PF3	32.35	475	93.6	575	57.0	
75	3600	364JP	**VJPFPM2549T-5**	11,848	PF3	32.35	648	93.0	575	67.0	
	1800	365JP	**VJPFPM2551T-5**	11,154	PF3	34.35	565	94.1	575	69.0	
100	3600	365JP	**VJPFPM2550T-5**	12,641	PF3	33.35	523	93.0	575	90.0	

Jet Pump
1/3 thru 2 Hp

ODP IP23 **TEFC 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
- 100% copper windings on all ratings

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

Jet Pump, single phase, TEFC, foot mounted



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

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/3	1800	56J	**CJL3501A**	749	PJ1	11.84	23	60.0	115/230	3.0	30
1/2	1800	56J	**CJL3504A**	883	PJ1	12.47	28	68.0	115/230	3.7	30
3/4	1800	56J	**CJL3507A**	1,075	PJ1	12.97	35	74.0	115/230	4.1	30
1	3600	56J	**CJL3509A**	1,088	PJ1	13.72	39	66.0	115/230	6.0	30
1 1/2	3600	56J	**CJL3513A**	1,195	PJ1	13.72	47	70.0	115/230	8.3	30
2	3600	56J	**CJL3515A**	1,405	PJ1	14.60	51	74.0	115/230	11.5	30

Jet Pump, single phase, TEFC, footless

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



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/3	3600	56J	**JL3405A**	555	PJ1	11.85	19	60.0	115/230	3.0	30
	1800	56J	**JL3501A**	693	PJ1	11.85	22	60.0	115/230	3.0	30
1/2	3600	56J	**JL3503A**	636	PJ1	12.85	26	62.0	115/208-230	3.7	30
	1800	56J	**JL3504A**	805	PJ1	12.85	27	68.0	115/230	3.7	30
3/4	3600	56J	**JL3506A**	757	PJ1	12.85	29	66.0	115/230	5.4	30
	1800	56J	**JL3507A**	955	PJ1	12.97	33	74.0	115/230	4.1	30
1	3600	56J	**JL3509A**	925	PJ1	13.74	42	66.0	115/230	6.0	30
	1800	56J	**JL3510A**	1,097	PJ1	13.72	40	67.0	115/230	6.2	30
1 1/2	3600	56J	**JL3513A**	1,097	PJ1	13.74	45	70.0	115/230	8.3	30
	1800	56J	**JL3514A**	1,202	PJ1	14.60	51	75.5	115/230	8.0	30
2	3600	56J	**JL3515A**	1,288	PJ1	14.62	54	74.0	115/230	11.5	30
	1800	56J	**JL3516A**	1,368	PJ1	14.60	52	78.0	115/230	8.6	20, 30

Jet Pump, single phase, ODP, foot mounted

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



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/3	3600	56J	**CJL1205A**	547	PJ1	11.91	23	58.0	115/230	3.1	
	1800	56J	**CJL1301A**	818	PJ1	11.89	23	60.0	115/208-230	3.0	30
1/2	3600	56J	**CJL1303A**	566	PJ1	12.51	30	66.0	115/230	3.7	
	1800	56J	**CJL1304A**	925	PJ1	12.14	25	62.0	115/230	4.2	30
3/4	3600	56J	**CJL1306A**	723	PJ1	13.39	30	69.0	115/230	5.5	
	1800	56J	**CJL1307A**	1,060	PJ1	12.23	35	63.0	115/230	5.4	
1	3600	56J	**CJL1309A**	741	PJ1	13.89	32	65.0	115/208-230	7.0	30
1 1/2	3600	56J	**CJL1313A**	1,028	PJ1	13.89	37	78.5	115/230	6.5	
2	3600	56J	**CJL1317A**	1,375	PJ1	13.25	45	70.0	115/230	13.0	30

Jet Pump, single phase, ODP, footless

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



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/3	3600	56J	**JL1205A**	479	PJ1	11.89	25	58.0	115/230	3.1	
	1800	56J	**JL1301A**	552	PJ1	11.89	23	60.0	115/230	3.0	30
1/2	3600	56J	**JL1303A**	538	PJ1	12.51	26	66.0	115/230	3.7	
	1800	56J	**JL1304A**	649	PJ1	12.14	25	62.0	115/230	4.2	30
3/4	3600	56J	**JL1306A**	708	PJ1	13.39	33	69.0	115/230	5.5	
	1800	56J	**JL1307A**	818	PJ1	13.89	33	68.0	115/230	5.1	30
1	3600	56J	**JL1309A**	734	PJ1	13.89	32	65.0	115/230	7.0	30
1 1/2	3600	56J	**JL1313A**	1,024	PJ1	13.89	36	78.5	115/230	6.5	
2	3600	56J	**JL1317A**	1,263	PJ1	13.23	45	70.0	115/230	13.0	30
230 volt											
3	3600	56J	**JL1323A**	1,296	PJ1	14.11	52	82.5	230	13.0	30

Explosion Proof, General Purpose, Jet pump, single phase

Motors not suitable for inverter use.
NEMA 56J jet pump mounting, auto-thermal overload thru 1Hp



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt													
1/2	3600	56J	**JXL050522A**	②	T3C	1,405	XPP	14.78	37	55.0	115/230	3.9	2, 38
3/4	3600	56J	**JXL050722A**	②	T4	1,523	XPP	15.66	40	66.0	115/230	4.6	19
1	3600	56J	**JXL05122A**	②	T4	1,619	XPP	15.66	50	66.0	115/230	6.0	19
1 1/2	3600	56J	**JXL051522**	②	T3C	2,198	XPP	16.56	54	70.0	115/208-230	8.0	2, 38
2	3600	56J	**JXL05222**	②	T3C	2,640	XPP	17.94	67	75.5	115/208-230	10.5	19

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

Jet Pump
1/3 thru 3 Hp

ODP IP23 **TEFC 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
- Optimized airflow design providing higher horsepower in a smaller package (ODP)
- 100% copper windings on all ratings

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

Jet Pump, three phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/2	1800	56J	**CJM3538**	782	PJ3	11.84	23	75.5	230/460	0.8	30
3/4	1800	56J	**CJM3542**	828	PJ3	11.84	25	75.5	208-230/460	1.5	

Jet Pump, three phase, TEFC, footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/3	3600	56J	**JM3457**	578	PJ3	11.84	19	62.0	230/460	0.8	30
	1800	56J	**JM3458**	626	PJ3	11.84	21	68.0	230/460	0.7	30
1/2	3600	56J	**JM3460**	626	PJ3	11.84	21	70.0	230/460	1.2	30
	1800	56J	**JM3461**	738	PJ3	11.84	23	75.5	230/460	0.8	30
3/4	3600	56J	**JM3463**	685	PJ3	11.84	23	74.0	230/460	1.5	
	1800	56J	**JM3542**	797	PJ3	11.84	26	75.5	230/460	1.5	
1	3600	56J	**EJM3545**	1,072	PJ3	12.47	27	77.0	208-230/460	1.6	30
	1800	56J	**EJM3546**	1,232	PJ3	13.74	37	85.5	230/460	1.7	30
1 1/2	3600	56J	**EJM3550**	1,212	PJ3	12.72	38	84.0	208-230/460	1.9	30
	1800	56J	**EJM3554**	1,367	PJ3	13.74	41	86.5	230/460	2.3	1, 30
2	3600	56J	**EJM3555**	1,326	PJ3	13.74	41	85.5	208-230/460	2.5	30
	1800	56J	**EJM3558**	1,444	PJ3	13.72	48	86.5	230/460	2.8	1, 30
3	3600	56J	**EJM3559**	1,451	PJ3	14.62	50	86.5	230/460	3.6	1, 30
575 volt											
1/2	3600	56J	**JM3460-5**	626	PJ3	11.84	21	68.0	575	1.0	
3/4	3600	56J	**JM3463-5**	685	PJ3	11.84	23	74.0	575	1.2	
1	3600	56J	**EJM3545-5**	1,072	PJ3	12.47	27	77.0	575	1.2	
2	3600	56J	**EJM3555-5**	1,326	PJ3	13.74	41	85.5	575	2.0	
3	3600	56J	**EJM3559-5**	1,451	PJ3	14.62	50	86.5	575	2.9	

Jet Pump, three phase, ODP, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/3	1800	56J	**CJM3104**	631	PJ3	11.85	22	68.0	230/460	0.7	30
1/2	3600	56J	**CJM3107**	578	PJ3	11.72	22	70.0	230/460	1.2	30
	1800	56J	**CJM3108**	705	PJ3	11.72	24	75.5	230/460	0.8	30
3/4	3600	56J	**CJM3111**	660	PJ3	11.72	28	74.0	208-230/460	1.5	
	1800	56J	**CJM3112**	756	PJ3	11.72	27	75.5	208-230/460	1.5	
1	3600	56J	**CJM3115**	738	PJ3	11.72	29	77.0	230/460	1.6	30
1 1/2	3600	56J	**CJM3120**	899	PJ3	11.72	31	81.5	230/460	2.0	30
2	3600	56J	**CJM3155**	1,069	PJ3	11.72	34	82.5	230/460	2.7	30
3	3600	56J	**CJM3158**	1,265	PJ3	13.72	41	80.0	208-230/460	4.0	

Jet Pump, three phase, ODP, footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/3	3600	56J	**JM3006**	527	PJ3	11.72	19	62.0	230/460	0.8	30
1/2	3600	56J	**JM3107**	557	PJ3	11.72	21	70.0	230/460	1.2	30
	1800	56J	**JM3108**	665	PJ3	11.85	23	75.5	230/460	0.8	30
3/4	3600	56J	**JM3111**	660	PJ3	11.69	23	74.0	208-230/460	1.5	
	1800	56J	**JM3112**	734	PJ3	12.34	27	75.5	208-230/460	1.5	
1	3600	56J	**JM3115**	734	PJ3	12.34	32	77.0	230/460	1.6	30
	1800	56J	**JM3116**	805	PJ3	13.22	30	78.5	208-230/460	1.7	1
1 1/2	3600	56J	**JM3120**	876	PJ3	13.22	30	74.0	230/460	2.2	30
	1800	56J	**JM3154**	958	PJ3	13.72	34	77.0	208-230/460	2.8	
2	3600	56J	**JM3155**	1,041	PJ3	13.72	35	82.5	230/460	2.7	30
3	3600	56J	**JM3158**	1,235	PJ3	13.72	42	80.0	208-230/460	4.0	

White Washdown Jet Pump, three phase, C-face foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
3/4	3600	56J	TEFC	**CJWDM3463**	1,105	WDW	12.72	33	68.0	208-230/460	1.4	1, 30
1	3600	56J	TEFC	**CJEWDM3545**	1,741	WDW	12.72	38	78.5	208-230/460	1.6	1, 30
1 1/2	3600	56J	TEFC	**CJEWDM3550**	1,839	WDW	13.72	41	84.0	208-230/460	2.0	1, 30
2	3600	56J	TEFC	**CJEWDM3555**	2,040	WDW	13.72	41	85.5	230/460	2.5	1, 30
3	3600	56J	TEFC	**CJEWDM3559**	2,417	WDW	15.97	64	87.5	208-230/460	3.5	1, 30

White Washdown Jet Pump, three phase, C-face footless



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
3/4	3600	56J	TEFC	**JWDM3463**	1,097	WDW	12.72	33	68.0	208-230/460	1.4	1, 30
1	3600	56J	TEFC	**JEWDM3545**	1,732	WDW	12.72	38	78.5	208-230/460	1.6	1, 30
1 1/2	3600	56J	TEFC	**JEWDM3550**	1,829	WDW	13.72	41	84.0	208-230/460	2.0	1, 30
2	3600	56J	TEFC	**JEWDM3555**	2,032	WDW	13.72	41	85.5	230/460	2.5	1, 30
3	3600	56J	TEFC	**JEWDM3559**	2,409	WDW	15.97	64	87.5	208-230/460	3.5	1, 30

Explosion Proof, General Purpose, Jet pump, three phase

NEMA 56J jet pump mounting
Steel band frame, cast ion endplates



Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
1	3600	56J	**JXM05122**	②	T3C	2,529	XPP	14.79	41	82.5	230/460	1.3	19
1 1/2	3600	56J	**JXM051522**	②	T3C	2,656	XPP	14.79	47	84.0	230/460	1.7	19
2	3600	56J	**JXM05222**	②	T3C	3,048	XPP	15.67	55	85.5	230/460	2.3	19

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

Square flange pump
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
- 100% copper windings on all ratings

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

Square flange pump, single phase, ODP



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/2	3600	56Y	**JSL325A**	619	PJ1	11.35	24	70.0	115/230	3.3	30
3/4	3600	56Y	**JSL425A**	657	PJ1	11.97	26	62.0	115/230	5.2	30
1	3600	56Y	**JSL525A**	701	PJ1	12.72	30	70.0	115/230	6.3	30
1 1/2	3600	56YZ	**JSL625A**	955	PJ1	13.43	42	72.0	115/230	9.0	30
2	3600	56YZ	**JSL725A**	958	PJ1	14.81	47	74.0	115/230	11.0	30

Square flange pump

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
- 100% copper windings on all ratings

Applications

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

Square flange pump, three phase, ODP



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/2	3600	56YZ	**JSM3107**	557	PJ3	11.40	21	70.0	230/460	1.2	30
3/4	3600	56YZ	**JSM3111**	659	PJ3	11.40	24	74.0	208-230/460	1.5	
1	3600	56YZ	**JSM3115**	729	PJ3	12.02	27	77.0	230/460	1.6	30
1 1/2	3600	56YZ	**JSM3120**	869	PJ3	12.77	31	81.5	230/460	2.0	30
2	3600	56YZ	**JSM3155**	1,029	PJ3	13.40	35	82.5	230/460	2.7	30

Close-coupled pump

3 thru 10 Hp

ODP IP23 **TEFC IP44**

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
- 100% copper windings on all ratings

Applications

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

Close-coupled pump, single phase, TEFC



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
115/230 volt and 230 volt											
3	3600	182JM	**JML3606T**	1,833	PC1	18.06	79	76.0	115/230	14.5	1, 30
5	3600	184JM	**JML3608T**	2,442	PC1	19.55	93	83.0	230	19.5	2, 20

Close-coupled pump, single phase, ODP



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
115/230 volt and 230 volt											
3	3600	182JM	**JML1406T**	1,749	PC1	16.50	69	78.0	115/208-230	14.0	
	1800	184JM	**JML1408T**	2,004	PC1	16.50	80	78.0	115/230	16.0	30
5	3600	184JM	**JML1409T**	2,468	PC1	16.50	81	80.0	230	21.0	1, 30
	1800	213JM	**JML1508T**	2,844	PC1	18.19	115	77.0	230	27.0	
7 1/2	3600	213JM	**JML1509T**	3,540	PC1	18.19	116	81.0	230	37.0	30
	1800	215JM	**JML1510T**	3,745	PC1	19.31	142	85.5	230	33.0	30
10	3600	215JM	**JML1511T**	4,354	PC1	19.31	141	83.0	230	46.0	20, 30
	1800	215JM	**JML1512T**	4,635	PC1	20.95	150	84.0	230	41.0	20, 30
Packed pump, Type JP											
115/230 volt and 230 volt											
3	3600	182JP	**JPL1406T**	1,749	PC1	19.56	76	78.0	115/230	14.0	30
	1800	184JP	**JPL1408T**	2,004	PC1	19.56	87	78.0	115/230	16.0	30
5	3600	184JP	**JPL1409T**	2,468	PC1	19.56	88	80.0	230	21.5	1, 30
	1800	213JP	**JPL1508T**	2,844	PC1	22.07	117	77.0	230	27.0	
7 1/2	3600	213JP	**JPL1509T**	3,540	PC1	22.07	121	81.0	230	37.0	30
	1800	215JP	**JPL1510T**	3,745	PC1	23.19	143	85.5	230	33.0	30
10	3600	215JP	**JPL1511T**	4,354	PC1	23.19	148	83.0	230	46.0	20, 30
	1800	215JP	**JPL1512T**	4,635	PC1	20.95	142	84.0	230	41.0	20, 30
West coast fit, Type TCZ											
115/230 volt and 230 volt											
3	3600	182TCZ	**WCL1406T**	1,760	PC1	19.69	81	78.0	115/230	14.0	30
	1800	184TCZ	**WCL1408T**	2,019	PC1	19.69	91	78.0	115/230	16.0	30
5	3600	184TCZ	**WCL1409T**	2,491	PC1	19.69	91	75.0	230	23.0	1, 30
	1800	213TCZ	**WCL1508T**	2,868	PC1	21.25	116	77.0	230	27.0	
7 1/2	3600	213TCZ	**WCL1509T**	3,563	PC1	21.25	117	81.0	230	37.0	30
10	3600	215TCZ	**WCL1511T**	4,395	PC1	22.38	143	83.0	230	46.0	20, 30

Close-coupled pump

1 thru 50 Hp

ODP IP23 **TEFC 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
- 100% copper windings on all ratings

Applications

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

Close-coupled pump, three phase, TEFC, foot mounted, shaft grounding ring

- Internal shaft grounding ring for bearing current mitigation



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	**EJMM3546T-G**	1,518	PC3	15.43	37	85.5	230/460	1.6	30
1 1/2	3600	143JM	**EJMM3550T-G**	1,510	PC3	15.41	38	84.0	230/460	1.9	30
	1800	145JM	**EJMM3554T-G**	1,755	PC3	15.43	41	86.5	230/460	2.3	30
2	3600	145JM	**EJMM3555T-G**	1,714	PC3	15.41	41	85.5	230/460	2.5	30
	1800	145JM	**EJMM3558T-G**	1,833	PC3	15.43	45	86.5	230/460	2.8	30
3	3600	182JM	**EJMM3610T-G**	1,905	PC3	16.91	60	86.5	230/460	3.6	30
	1800	182JM	**EJMM3611T-G**	2,062	PC3	18.06	76	89.5	230/460	4.2	30
5	3600	184JM	**EJMM3613T-G**	2,195	PC3	18.06	81	88.5	230/460	5.9	30
	1800	184JM	**EJMM3615T-G**	2,067	PC3	19.56	93	89.5	230/460	6.7	30
7 1/2	3600	213JM	**EJMM3709T-G**	2,857	PC3	19.76	124	89.5	230/460	9.0	30
	1800	213JM	**EJMM3710T-G**	3,053	PC3	20.89	134	91.7	230/460	9.5	30
10	3600	215JM	**EJMM3711T-G**	3,216	PC3	19.76	124	90.2	230/460	11.6	30
	1800	215JM	**EJMM3714T-G**	3,512	PC3	22.38	165	91.7	230/460	12.5	30
15	3600	254JM	**EJMM2394T-G**	5,572	PC3	25.36	260	91.0	230/460	17.5	30
	1800	254JM	**EJMM2333T-G**	5,528	PC3	25.36	265	92.4	230/460	18.1	30
20	3600	256JM	**EJMM4106T-G**	6,088	PC3	25.36	274	91.0	230/460	23.0	30
	1800	256JM	**EJMM2334T-G**	6,175	PC3	25.36	303	93.0	230/460	24.0	30
25	3600	284JM	**EJMM4107T-G**	7,161	PC3	26.96	265	91.7	230/460	29.0	30, 20
	1800	284JM	**EJMM4103T-G**	6,928	PC3	28.64	437	93.6	230/460	31.0	30, 20
30	3600	286JM	**EJMM4108T-G**	9,956	PC3	26.96	300	91.7	230/460	34.0	30, 20
	1800	286JM	**EJMM4104T-G**	9,371	PC3	28.64	437	93.6	230/460	38.0	30, 20
40	3600	324JM	**EJMM4109T-G**	10,557	PC3	30.69	470	92.4	230/460	45.0	30, 20
	1800	324JM	**EJMM4110T-G**	11,489	PC3	30.65	578	94.1	230/460	48.0	30, 20

Cast iron frame

Close-coupled pump, three phase, TEFC, foot mounted, shaft grounding ring

- Internal shaft grounding ring for bearing current mitigation

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
50	3600	326JM	**EJMM4114T-G**	12,734	PC3	30.65	575	93.0	230/460	56.0	30, 20
	1800	326JM	**EJMM4115T-G**	12,905	PC3	30.65	700	94.5	230/460	58.0	30, 20

Cast iron frame

Close-coupled pump, three phase, ODP, foot mounted, shaft grounding ring

- Internal shaft grounding ring for bearing current mitigation



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	**EJMM3116T-G**	1,438	PC3	13.75	37	85.5	230/460	1.6	30
1 1/2	1800	145JM	**EJMM3154T-G**	1,533	PC3	13.75	41	86.5	230/460	2.3	30
2	1800	145JM	**EJMM3157T-G**	1,652	PC3	14.25	44	86.5	230/460	2.8	30
3	3600	145JM	**EJMM3158T-G**	1,838	PC3	15.13	51	85.5	230/460	3.8	30
	1800	182JM	**EJMM3211T-G**	1,867	PC3	16.50	74	89.5	230/460	4.2	30
5	3600	182JM	**EJMM3212T-G**	2,207	PC3	15.12	64	86.5	230/460	6.0	30
	1800	184JM	**EJMM3218T-G**	2,067	PC3	18.00	88	89.5	230/460	6.6	30
7 1/2	3600	184JM	**EJMM3219T-G**	2,546	PC3	16.50	78	88.5	230/460	8.6	30
	1800	213JM	**EJMM3311T-G**	3,015	PC3	18.19	120	91.0	230/460	9.8	30
10	3600	213JM	**EJMM3312T-G**	3,267	PC3	18.19	121	90.2	230/460	12.0	30
	1800	215JM	**EJMM3313T-G**	3,226	PC3	19.31	132	91.7	230/460	12.5	30
15	3600	215JM	**EJMM3314T-G**	4,082	PC3	18.19	134	90.2	230/460	17.5	30
	1800	254JM	**EJMM2513T-G**	4,617	PC3	24.69	213	93.0	230/460	18.2	30
20	3600	254JM	**EJMM2514T-G**	5,014	PC3	23.19	185	91.0	230/460	23.5	30, 20
	1800	256JM	**EJMM2515T-G**	5,368	PC3	24.69	257	93.0	230/460	24.0	30, 20
25	3600	256JM	**EJMM2516T-G**	6,340	PC3	23.19	233	91.7	230/460	28.0	30, 20
	1800	284JM	**EJMM2531T-G**	6,518	PC3	25.94	377	93.6	230/460	30.0	30, 20
30	3600	284JM	**EJMM2534T-G**	7,430	PC3	24.69	320	91.7	230/460	35.0	30, 20
	1800	286JM	**EJMM2535T-G**	7,525	PC3	26.94	398	94.1	230/460	37.0	30, 20
40	3600	286JM	**EJMM2538T-G**	9,045	PC3	24.69	355	92.4	230/460	46.0	30, 20
	1800	324JM	**EJMM2539T-G**	9,584	PC3	27.44	378	94.1	230/460	49.0	30, 20
50	3600	324JM	**EJMM2542T-G**	10,012	PC3	27.44	412	93.0	230/460	56.0	30, 20
	1800	326JM	**EJMM2543T-G**	10,353	PC3	27.94	497	94.5	230/460	57.0	30, 20

Close-coupled pump, three phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	**EJMM3546T**	1,362	PC3	15.41	40	85.5	230/460	1.6	1, 30
1 1/2	3600	143JM	**EJMM3550T**	1,354	PC3	15.41	41	84.0	230/460	1.9	1, 30
	1800	145JM	**EJMM3554T**	1,451	PC3	15.41	44	86.5	230/460	2.3	1, 30
2	3600	143JM	**EJMM3555T**	1,558	PC3	15.41	47	85.5	230/460	2.5	1, 30
	1800	145JM	**EJMM3558T**	1,755	PC3	15.41	50	86.5	230/460	2.8	1, 30
3	3600	143JM	**EJMM3559T**	1,683	PC3	16.29	54	86.5	230/460	3.6	1, 30
		182JM	**EJMM3610T**	1,992	PC3	16.80	56	86.5	230/460	3.6	1, 30
	1800	182JM	**EJMM3611T**	1,887	PC3	18.06	76	89.5	230/460	4.2	1, 30
5	3600	184JM	**EJMM3613T**	2,032	PC3	18.06	79	88.5	230/460	5.8	1, 30
	1800	184JM	**EJMM3615T**	1,724	PC3	19.56	93	89.5	230/460	6.7	1, 30
7 1/2	3600	184JM	**EJMM3616T**	2,292	PC3	19.56	101	89.5	230/460	8.4	1, 30
		213JM	**EJMM3709T**	2,427	PC3	19.76	125	89.5	208-230/460	9.0	1, 30
	1800	213JM	**EJMM3710T**	2,733	PC3	20.88	134	91.7	230/460	9.5	1, 30
10	3600	215JM	**EJMM3711T**	2,995	PC3	19.76	130	90.2	230/460	11.6	1, 30
	1800	215JM	**EJMM3714T**	3,083	PC3	22.39	165	91.7	230/460	12.5	1, 30
15	3600	215JM	**EJMM3713T**	4,197	PC3	22.39	169	91.0	208-230/460	17.0	1, 30
		254JM	**EJMM2394T**	5,325	PC3	25.36	245	91.0	230/460	17.5	1, 30
	1800	254JM	**EJMM2333T**	5,045	PC3	25.36	268	92.4	230/460	18.1	1, 30
20	3600	256JM	**EJMM4106T**	5,730	PC3	25.36	281	91.0	230/460	23.0	1, 30
	1800	256JM	**EJMM2334T**	5,780	PC3	25.36	304	93.0	230/460	24.0	1, 30
25	3600	284JM	**EJMM4107T**	6,513	PC3	27.14	351	91.7	230/460	29.0	20, 30
	1800	284JM	**EJMM4103T**	6,746	PC3	28.69	387	93.6	230/460	31.0	1, 30
30	3600	286JM	**EJMM4108T**	8,956	PC3	28.69	406	91.7	230/460	34.0	1, 30
	1800	286JM	**EJMM4104T**	9,541	PC3	28.69	422	93.6	230/460	36.0	1, 30
40	3600	324JM	**EJMM4109T**	10,142	PC3	30.69	487	92.4	230/460	45.0	1, 30
	1800	324JM	**EJMM4110T**	11,074	PC3	30.65	586	94.1	230/460	48.0	1, 30
50	3600	326JM	**EJMM4114T**	12,319	PC3	30.65	590	93.0	230/460	56.0	1, 30
	1800	326JM	**EJMM4115T**	12,490	PC3	30.65	624	94.5	230/460	58.0	1, 30
60	3600	364JM	**EJMM4310T**	18,465	PC3	33.08	833	93.6	230/460	67.3	
	1800	364JM	**EJMM4314T**	16,663	PC3	33.08	898	95.0	230/460	68.0	
575 volt											
1	1800	143JM	**EJMM3546T-5**	1,464	PC3	15.41	38	85.5	575	1.3	1
1 1/2	3600	143JM	**EJMM3550T-5**	1,444	PC3	15.41	38	84.0	575	1.5	
	1800	145JM	**EJMM3554T-5**	1,599	PC3	15.41	41	86.5	575	1.7	1
2	3600	145JM	**EJMM3555T-5**	1,558	PC3	15.41	41	85.5	575	2.0	
	1800	145JM	**EJMM3558T-5**	1,676	PC3	15.41	45	86.5	575	2.2	1
3	3600	145JM	**EJMM3559T-5**	1,683	PC3	16.29	50	86.5	575	2.9	1
		182JM	**EJMM3610T-5**	1,874	PC3	16.69	63	86.5	575	2.9	
	1800	182JM	**EJMM3611T-5**	1,887	PC3	18.06	70	89.5	575	3.3	1

Cast iron frame

Red catalog number indicates **NEW** product

Close-coupled pump, three phase, TEFC, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
575 volt											
5	3600	184JM	**EJMM3613T-5**	2,032	PC3	18.06	74	88.5	575	4.7	1
	1800	184JM	**EJMM3615T-5**	1,935	PC3	19.56	93	89.5	575	5.3	1
7 1/2	3600	184JM	**EJMM3616T-5**	2,546	PC3	19.56	96	89.5	575	6.8	1
	1800	213JM	**EJMM3710T-5**	2,733	PC3	20.88	127	91.7	575	7.6	1, 35
10	3600	215JM	**EJMM3711T-5**	2,995	PC3	19.76	118	90.2	575	9.5	20
	1800	215JM	**EJMM3714T-5**	3,015	PC3	22.38	165	91.7	575	9.6	1, 35
15	3600	215JM	**EJMM3713T-5**	4,000	PC3	22.38	169	91.0	575	13.4	1
		254JM	**EJMM2394T-5**	5,325	PC3	23.07	225	91.0	575	13.5	1, 35
	1800	254JM	**EJMM2333T-5**	4,973	PC3	25.36	280	92.4	575	14.6	1, 35
Packed pump, Type JP											
230/460 volt											
1 1/2	1800	145JP	**EJPM3554T**	1,599	PC3	18.50	41	86.5	230/460	2.3	1, 30
2	3600	143JP	**EJPM3555T**	1,558	PC3	18.47	41	85.5	230/460	2.5	1, 30
	1800	145JP	**EJPM3558T**	1,676	PC3	18.47	48	86.5	230/460	2.8	1, 30
3	3600	143JP	**EJPM3559T**	1,683	PC3	19.35	50	86.5	230/460	3.6	1, 30
		182JP	**EJPM3610T**	1,874	PC3	19.87	50	86.5	230/460	3.6	1, 30
	1800	182JP	**EJPM3611T**	1,887	PC3	21.11	70	89.5	230/460	4.2	1, 30
5	3600	184JP	**EJPM3613T**	2,032	PC3	21.11	81	88.5	230/460	5.6	1, 30
	1800	184JP	**EJPM3615T**	1,935	PC3	22.61	96	89.5	230/460	6.9	1, 30
7 1/2	3600	184JP	**EJPM3616T**	2,546	PC3	22.61	96	89.5	230/460	9.7	1, 30
		213JP	**EJPM3709T**	2,962	PC3	23.64	121	89.5	230/460	9.0	1, 30
	1800	213JP	**EJPM3710T**	2,733	PC3	24.79	129	91.7	230/460	9.5	1, 30
10	3600	215JP	**EJPM3711T**	2,995	PC3	23.64	118	90.2	230/460	11.6	1, 30
	1800	215JP	**EJPM3714T**	3,083	PC3	26.29	165	91.7	230/460	12.5	1, 30
15	3600	215JP	**EJPM3713T**	4,000	PC3	26.29	169	91.0	230/460	17.0	1, 30
		254JP	**EJPM2394T**	5,325	PC3	28.24	260	91.0	230/460	18.0	1, 30
	1800	254JP	**EJPM2333T**	5,045	PC3	28.24	268	92.4	230/460	18.1	1, 30
20	3600	256JP	**EJPM4106T**	5,730	PC3	28.24	229	91.0	230/460	23.0	1, 30
	1800	256JP	**EJPM2334T**	5,780	PC3	28.24	300	93.0	230/460	24.0	1, 30
25	3600	284JP	**EJPM4107T**	6,513	PC3	29.90	349	91.7	230/460	29.0	20, 30
	1800	284JP	**EJPM4103T**	6,746	PC3	31.56	412	93.6	230/460	31.0	1, 30
30	3600	286JP	**EJPM4108T**	8,956	PC3	31.56	436	91.7	230/460	34.0	1, 30
	1800	286JP	**EJPM4104T**	9,541	PC3	31.56	452	93.6	230/460	36.0	1, 30
40	3600	324JP	**EJPM4109T**	10,142	PC3	33.56	498	92.4	230/460	45.0	1, 30
	1800	324JP	**EJPM4110T**	11,074	PC3	33.46	602	94.1	230/460	48.0	1, 30
50	3600	326JP	**EJPM4114T**	12,319	PC3	33.46	604	93.0	230/460	56.0	1, 30
	1800	326JP	**EJPM4115T**	12,490	PC3	33.46	646	94.5	230/460	58.0	1, 30
60	3600	364JP	**EJPM4310T**	18,465	PC3	36.30	833	93.6	230/460	67.3	
	1800	364JP	**EJPM4314T**	16,663	PC3	36.30	910	95.0	230/460	68.0	
75	3600	365JP	**EJPM4313T**	19,731	PC3	35.94	1005	94.5	230/460	80.7	
	1800	365JP	**EJPM4316T**	18,876	PC3	36.28	965	95.4	230/460	86.0	
West coast fit, Type TCZ											
230/460 volt											
7 1/2	3600	213TCZ	**EWCM3709T**	2,905	PC3	23.45	96	89.5	230/460	9.7	1, 30
	1800	213TCZ	**EWCM3710T**	2,676	PC3	23.95	129	91.7	230/460	9.5	1, 30

Cast iron frame

Red catalog number indicates **NEW** product

Close-coupled pump, three phase, TEFC, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
10	3600	215TCZ	**EWCM3711T**	2,938	PC3	22.82	118	90.2	230/460	11.6	1, 30
	1800	215TCZ	**EWCM3714T**	2,957	PC3	25.45	187	91.7	230/460	12.6	1, 30
15	3600	215TCZ	**EWCM3713T**	3,942	PC3	25.45	169	91.0	230/460	17.0	1, 30

Cast iron frame

Red catalog number indicates **NEW** product

Close-coupled pump, three phase, TEFC, footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	**VEJMM3546T**	1,138	PC3	14.41	38	85.5	230/460	1.6	1, 30
1 1/2	1800	145JM	**VEJMM3554T**	1,200	PC3	15.43	45	86.5	230/460	2.3	1, 30
2	1800	145JM	**VEJMM3558T**	1,438	PC3	15.41	44	86.5	230/460	2.8	1, 30
3	1800	182JM	**VEJMM3611T**	1,640	PC3	18.05	74	89.5	230/460	4.2	1, 30
5	1800	184JM	**VEJMM3615T**	1,935	PC3	19.55	90	89.5	230/460	6.7	1, 30
7 1/2	3600	213JM	**VEJMM3709T**	2,962	PC3	19.76	121	89.5	208-230/460	9.0	1, 30
	1800	213JM	**VEJMM3710T**	2,770	PC3	20.88	136	91.7	230/460	9.5	1, 30
10	1800	215JM	**VEJMM3714T**	3,208	PC3	22.40	165	91.7	230/460	12.5	1, 30
15	1800	254JM	**VEJMM2333T**	5,429	PC3	25.36	278	92.4	230/460	18.1	1, 30
20	1800	256JM	**VEJMM2334T**	5,780	PC3	25.36	303	93.0	230/460	24.0	1, 30
575 volt											
1	1800	143JM	**VEJMM3546T-5**	1,464	PC3	14.41	38	85.5	575	1.2	1
1 1/2	1800	145JM	**VEJMM3554T-5**	1,599	PC3	15.43	41	86.5	575	1.7	1
2	1800	145JM	**VEJMM3558T-5**	1,676	PC3	15.41	45	86.5	575	2.2	1
3	1800	182JM	**VEJMM3611T-5**	1,887	PC3	18.04	70	89.5	575	3.3	1
5	1800	184JM	**VEJMM3615T-5**	1,935	PC3	19.55	94	89.5	575	5.3	1
7 1/2	1800	213JM	**VEJMM3710T-5**	2,733	PC3	20.89	127	91.7	575	7.6	1, 35
10	1800	215JM	**VEJMM3714T-5**	3,015	PC3	22.39	165	91.7	575	9.6	1, 35
15	1800	254JM	**VEJMM2333T-5**	4,973	PC3	25.36	255	92.4	575	14.6	1, 35
20	1800	256JM	**VEJMM2334T-5**	5,780	PC3	25.36	303	93.0	575	19.2	1, 35

Cast iron frame

Close-coupled pump, three phase, ODP, foot mounted



Rodent screens to protect against trash debris
Locked DE bearing to allow for mounting in any configuration - ODP motors retain IP rating when mounted in horizonal position only.

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	**EJMM3116T**	1,164	PC3	13.75	38	85.5	230/460	1.6	1, 30
1 1/2	3600	143JM	**EJMM3120T**	1,256	PC3	13.75	34	84.0	230/460	2.0	1, 30
	1800	145JM	**EJMM3154T**	1,260	PC3	13.75	38	86.5	230/460	2.3	1, 30
2	3600	145JM	**EJMM3155T**	1,431	PC3	13.75	44	85.5	230/460	2.5	1, 30
	1800	145JM	**EJMM3157T**	1,378	PC3	14.25	44	86.5	230/460	2.8	1, 30
3	3600	145JM	**EJMM3158T**	1,564	PC3	15.13	49	85.5	230/460	3.8	1, 30
	1800	182JM	**EJMM3211T**	1,525	PC3	16.50	72	89.5	230/460	4.2	1, 30
5	3600	182JM	**EJMM3212T**	1,864	PC3	15.12	64	86.5	230/460	5.9	1, 30
	1800	184JM	**EJMM3218T**	1,724	PC3	18.00	87	89.5	230/460	6.6	1, 30
	1200	215JM	**EJMM3309T**	2,939	PC3	19.31	141	89.5	230/460	7.4	1, 30
7 1/2	3600	184JM	**EJMM3219T**	2,203	PC3	16.50	78	88.5	208-230/460	8.7	1, 30
	1800	213JM	**EJMM3311T**	2,824	PC3	18.19	120	91.0	230/460	9.8	1, 30
	1200	254JM	**EJMM2506T**	4,039	PC3	24.69	248	90.2	230/460	11.4	1, 30
10	3600	213JM	**EJMM3312T**	2,921	PC3	18.19	120	90.2	208-230/460	12.0	1, 30
	1800	215JM	**EJMM3313T**	2,796	PC3	19.31	136	91.7	230/460	12.5	1, 30
	1200	256JM	**EJMM2511T**	4,902	PC3	24.69	255	91.7	230/460	14.3	1, 30
15	3600	215JM	**EJMM3314T**	3,917	PC3	18.19	131	90.2	230/460	17.7	1, 30
	1800	254JM	**EJMM2513T**	4,135	PC3	24.69	214	93.0	230/460	18.2	1, 30
	1200	284JM	**EJMM2524T**	6,434	PC3	24.69	342	91.7	230/460	20.5	1, 30
20	3600	254JM	**EJMM2514T**	4,599	PC3	23.19	185	91.0	230/460	23.5	1, 30
	1800	256JM	**EJMM2515T**	4,953	PC3	24.69	248	93.0	230/460	24.0	1, 30
25	3600	256JM	**EJMM2516T**	5,925	PC3	23.19	207	91.7	230/460	28.0	1, 30
	1800	284JM	**EJMM2531T**	5,892	PC3	25.94	317	93.6	230/460	30.0	1, 30
30	3600	284JM	**EJMM2534T**	7,015	PC3	26.56	309	91.7	230/460	33.0	1, 30
	1800	286JM	**EJMM2535T**	7,110	PC3	26.94	359	94.1	230/460	37.0	1, 30
40	3600	286JM	**EJMM2538T**	8,630	PC3	26.56	321	92.4	230/460	45.0	1, 30
	1800	324JM	**EJMM2539T**	9,169	PC3	27.44	417	94.1	230/460	49.0	1, 30
50	3600	324JM	**EJMM2542T**	9,597	PC3	26.94	421	93.0	230/460	58.0	1, 30
	1800	326JM	**EJMM2543T**	9,938	PC3	27.94	491	94.5	230/460	57.0	1, 30
60	3600	326JM	**EJMM2546T**	11,683	PC3	26.94	478	93.6	230/460	68.0	1, 30
575 volt											
3	3600	145JM	**EJMM3158T-5**	1,446	PC3	14.25	48	85.5	575	3.0	
	1800	182JM	**EJMM3211T-5**	1,834	PC3	16.50	74	89.5	575	3.3	1
5	3600	182JM	**EJMM3212T-5**	1,729	PC3	15.12	63	86.5	575	4.8	
	1800	184JM	**EJMM3218T-5**	1,969	PC3	18.00	90	89.5	575	5.3	1
7 1/2	3600	184JM	**EJMM3219T-5**	2,495	PC3	16.50	77	88.5	575	6.9	1
	1800	213JM	**EJMM3311T-5**	2,824	PC3	18.19	120	91.0	575	7.8	1, 35
10	3600	213JM	**EJMM3312T-5**	2,921	PC3	18.19	137	89.5	575	9.6	
	1800	215JM	**EJMM3313T-5**	3,303	PC3	18.19	132	91.7	575	10.0	1
15	3600	215JM	**EJMM3314T-5**	3,917	PC3	18.19	131	90.2	575	13.8	1

Red catalog number indicates **NEW** product

Close-coupled pump, three phase, ODP, foot mounted

Rodent screens to protect against trash debris
Locked DE bearing to allow for mounting in any configuration - ODP motors retain IP rating when mounted in horizonal position only.

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Packed pump, Type JP											
230/460 volt											
1	1800	143JP	**EJPM3116T**	1,419	PC3	16.82	38	85.5	230/460	1.6	1, 30
1 1/2	1800	145JP	**EJPM3154T**	1,472	PC3	16.81	37	86.5	230/460	2.3	1, 30
2	1800	145JP	**EJPM3157T**	1,559	PC3	17.32	43	86.5	230/460	2.8	1, 30
3	3600	143JP	**EJPM3158T**	1,446	PC3	17.32	48	85.5	230/460	3.8	1, 30
	1800	182JP	**EJPM3211T**	1,834	PC3	19.56	74	89.5	230/460	4.2	1, 30
5	3600	182JP	**EJPM3212T**	1,729	PC3	18.18	63	86.5	230/460	6.0	1, 30
	1800	184JP	**EJPM3218T**	1,969	PC3	21.06	92	89.5	230/460	6.6	1, 30
7 1/2	3600	184JP	**EJPM3219T**	2,495	PC3	19.56	77	88.5	230/460	8.6	1, 30
	1800	213JP	**EJPM3311T**	2,824	PC3	22.07	130	91.0	230/460	9.3	1, 30
10	3600	213JP	**EJPM3312T**	2,921	PC3	22.07	122	90.2	230/460	12.0	1, 30
	1800	215JP	**EJPM3313T**	2,796	PC3	23.20	138	91.7	230/460	12.5	1, 30
15	3600	215JP	**EJPM3314T**	3,917	PC3	22.07	134	90.2	230/460	17.5	1, 30
	1800	254JP	**EJPM2513T**	4,135	PC3	27.56	250	93.0	230/460	18.2	1, 30
20	3600	254JP	**EJPM2514T**	4,599	PC3	26.06	185	91.0	230/460	23.5	1, 30
	1800	256JP	**EJPM2515T**	4,953	PC3	27.56	236	93.0	230/460	24.0	1, 30
25	3600	256JP	**EJPM2516T**	5,925	PC3	26.06	230	91.7	230/460	28.0	1, 30
	1800	284JP	**EJPM2531T**	5,892	PC3	28.81	335	93.6	230/460	30.0	1, 30
30	3600	284JP	**EJPM2534T**	7,015	PC3	29.44	310	91.7	230/460	33.0	1, 30
	1800	286JP	**EJPM2535T**	7,110	PC3	29.81	370	94.1	230/460	37.0	1, 30
40	3600	286JP	**EJPM2538T**	8,630	PC3	29.44	329	92.4	230/460	45.0	1, 30
	1800	324JP	**EJPM2539T**	9,169	PC3	30.32	378	94.1	230/460	49.0	1, 30
50	3600	324JP	**EJPM2542T**	9,597	PC3	29.81	424	93.0	230/460	58.0	1, 30
	1800	326JP	**EJPM2543T**	9,938	PC3	30.81	500	94.5	230/460	57.0	1, 30
60	3600	326JP	**EJPM2546T**	11,683	PC3	29.81	472	93.6	230/460	68.0	1, 30
	1800	364JP	**EJPM2547T**	12,269	PC3	33.19	565	95.0	230/460	68.0	1, 30
75	3600	364JP	**EJPM2549T**	14,947	PC3	30.44	475	93.6	230/460	82.0	1, 30
	1800	365JP	**EJPM2551T**	14,619	PC3	36.22	760	95.0	230/460	85.0	1, 30
West coast fit, Type TCZ											
230/460 volt											
5	3600	182TCZ	**EWCM3212T**	1,691	PC3	18.32	63	86.5	230/460	6.0	1, 30
7 1/2	3600	184TCZ	**EWCM3219T**	2,457	PC3	19.69	77	88.5	230/460	8.6	1, 30
10	3600	213TCZ	**EWCM3312T**	2,864	PC3	21.25	121	90.2	230/460	12.0	1, 30
15	3600	215TCZ	**EWCM3314T**	3,860	PC3	21.25	131	90.2	230/460	17.5	1, 30

Red catalog number indicates **NEW** product

Close-coupled pump, three phase, ODP, footless



Rodent screens to protect against trash debris
Locked DE bearing to allow for mounting in any configuration - ODP motors retain IP rating when mounted in horizonal position only.

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	**VEJMM3116T**	1,164	PC3	14.41	37	85.5	230/460	1.6	1, 30
1 1/2	1800	145JM	**VEJMM3154T**	1,248	PC3	15.43	43	86.5	230/460	2.3	1, 30
2	1800	145JM	**VEJMM3157T**	1,365	PC3	15.41	46	86.5	230/460	2.8	1, 30
3	3600	145JM	**VEJMM3158T**	1,446	PC3	15.41	48	85.5	230/460	3.8	1, 30
	1800	182JM	**VEJMM3211T**	1,498	PC3	18.04	74	89.5	230/460	4.2	1, 30
5	3600	182JM	**VEJMM3212T**	1,729	PC3	16.66	63	86.5	230/460	6.0	1, 30
	1800	184JM	**VEJMM3218T**	1,696	PC3	19.54	94	89.5	230/460	6.6	1, 30
7 1/2	3600	184JM	**VEJMM3219T**	2,495	PC3	18.04	100	88.5	230/460	8.6	1, 30
	1800	213JM	**VEJMM3311T**	2,559	PC3	19.72	125	91.7	230/460	9.6	1, 30
10	3600	213JM	**VEJMM3312T**	2,921	PC3	19.72	121	90.2	230/460	12.0	1, 30
	1800	215JM	**VEJMM3313T**	2,770	PC3	20.84	165	91.7	230/460	12.5	1, 30
15	3600	215JM	**VEJMM3314T**	3,917	PC3	19.72	131	90.2	230/460	17.5	1, 30
575 volt											
1	1800	143JM	**VEJMM3116T-5**	1,164	PC3	15.41	44	85.5	575	1.3	
1 1/2	1800	145JM	**VEJMM3154T-5**	1,248	PC3	15.41	51	86.5	575	1.7	
2	1800	145JM	**VEJMM3157T-5**	1,365	PC3	16.29	52	86.5	575	2.3	
3	1800	182JM	**VEJMM3211T-5**	1,498	PC3	18.04	74	89.5	575	3.1	
5	1800	184JM	**VEJMM3218T-5**	1,696	PC3	18.04	77	89.5	575	5.2	

White Washdown close-coupled pump, foot mounted

Oversized, double sealed ball bearings
Locked DE bearing, JM type mechanical seal for pumping



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM												
230/460 volt												
1	3600	143JM	TEFC	**JMEWDM3545T**	1,800	WDW	15.41	35	84.0	230/460	1.4	1
	1800	143JM	TENV	**JMEWDM3546T**	1,879	WDW	14.25	39	85.5	230/460	1.7	1, 30
1 1/2	3600	143JM	TENV	**JMEWDM3550T**	1,889	WDW	14.28	48	85.5	208-230/460	2.0	1, 30
	1800	145JM	TENV	**JMEWDM3554T**	1,963	WDW	15.16	50	86.5	230/460	2.3	30
2	3600	143JM	TEFC	**JMEWDM3555T**	2,062	WDW	13.29	47	85.5	208-230/460	2.5	1, 30
	1800	145JM	TEFC	**JMEWDM3558T**	2,149	WDW	15.41	48	86.5	230/460	2.8	1, 30
3	3600	143JM	TEFC	**JMEWDM3559T**	2,518	WDW	14.17	50	86.5	230/460	3.6	1, 30
	1800	182JM	TEFC	**JMEWDM3611T**	2,819	WDW	18.05	70	89.5	230/460	4.2	1, 30
5	3600	184JM	TEFC	**JMEWDM3613T**	3,323	WDW	18.05	81	88.5	230/460	5.6	1, 30
	1800	184JM	TEFC	**JMEWDM3615T**	3,175	WDW	19.55	93	89.5	230/460	6.7	1, 30
7 1/2	3600	184JM	TEFC	**JMEWDM3616T**	3,937	WDW	19.55	96	89.5	230/460	8.4	1, 30
	1800	213JM	TEFC	**JMEWDM3710T**	3,990	WDW	20.91	151	91.7	230/460	9.5	1, 30
10	3600	215JM	TEFC	**JMEWDM3711T**	5,083	WDW	20.91	130	90.2	230/460	10.8	1, 30
	1800	215JM	TEFC	**JMEWDM3714T**	4,242	WDW	22.41	165	91.7	230/460	12.5	1, 30
15	3600	215JM	TEFC	**JMEWDM3713T**	6,341	WDW	21.64	169	91.0	230/460	17.0	1, 30
	1800	254JM	TEFC	**JMEWDM23933T**	8,765	WDW	25.12	252	92.4	230/460	18.0	1, 30
20	3600	256JM	TEFC	**JMEWDM41906T**	10,176	WDW	26.12	255	91.0	230/460	21.5	2
	1800	256JM	TEFC	**JMEWDM23934T**	10,129	WDW	25.12	275	93.0	230/460	24.0	1, 30
575 volt												
5	3600	184JM	TEFC	**JMEWDM3613T-5**	3,323	WDW	18.05	74	88.5	575	4.7	10

White Washdown Features, close-coupled pump, foot mounted

Oversized, double sealed ball bearings
Locked DE bearing, lip and v-ring seal on DE



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
25	3600	284JM	**JMEWDM4107T**	8,492	WDW	28.44	446	91.7	230/460	30.0	1
	1800	284JM	**JMEWDM4103T**	8,197	WDW	28.44	471	93.6	230/460	30.0	1
30	3600	286JM	**JMEWDM4108T**	10,043	WDW	28.44	459	91.7	230/460	34.0	1, 30
	1800	286JM	**JMEWDM4104T**	9,318	WDW	28.44	460	93.6	230/460	36.0	1
40	3600	324JM	**JMEWDM4109T**	13,592	WDW	30.53	618	92.4	230/460	47.0	1
	1800	324JM	**JMEWDM4110T**	12,078	WDW	30.53	600	94.1	230/460	46.0	1, 30
50	3600	326JM	**JMEWDM4114T**	14,160	WDW	30.53	635	93.0	230/460	55.0	1
	1800	326JM	**JMEWDM4115T**	13,876	WDW	30.53	658	94.5	230/460	57.0	1
West coast fit, Type TCZ											
230/460 volt											
60	3600	364TCZ	**JMEWDM4310T**	21,161	WDW	33.11	900	93.6	230/460	66.1	
	1800	364TCZ	**JMEWDM4314T**	20,094	WDW	33.11	961	95.0	230/460	70.0	
75	3600	365TCZ	**JMEWDM4313T**	22,622	WDW	33.11	1005	94.5	230/460	80.7	
	1800	365TCZ	**JMEWDM4316T**	21,649	WDW	33.11	965	95.4	230/460	86.0	

Cast iron frame

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



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
Mechanical seal, Type JM											
230/460 volt											
1	1800	143JM	**JMFSWDM3546T-E**	3,440	WDF	14.97	37	85.5	230/460	1.7	30
1 1/2	3600	143JM	**JMFSWDM3550T-E**	3,578	WDF	15.85	50	85.5	230/460	1.8	30
	1800	145JM	**JMFSWDM3554T-E**	3,598	WDF	16.15	45	86.5	230/460	2.1	30
2	3600	145JM	**JMFSWDM3555T-E**	4,075	WDF	17.03	50	86.5	230/460	2.5	30
	1800	145JM	**JMFSWDM3558T-E**	4,133	WDF	16.15	56	86.5	230/460	2.8	30
3	3600	145JM	**JMFSWDM3559T-E**	4,895	WDF	18.40	85	86.5	230/460	3.7	30
	1800	182JM	**JMFSWDM3611T-E**	5,139	WDF	19.72	83	89.5	230/460	4.2	30
5	3600	184JM	**JMFSWDM3613T-E**	5,535	WDF	18.22	81	89.5	230/460	5.6	30
	1800	184JM	**JMFSWDM3615T-E**	5,573	WDF	19.72	101	89.5	230/460	6.5	30
7 1/2	3600	213JM	**JMFSWDM3709T-E**	6,524	WDF	20.62	131	91.0	230/460	8.3	30
	1800	213JM	**JMFSWDM3710T-E**	6,647	WDF	21.81	139	91.7	230/460	9.5	
10	3600	215JM	**JMFSWDM3711T-E**	7,315	WDF	21.81	189	91.7	230/460	10.6	30
	1800	215JM	**JMFSWDM3714T-E**	7,717	WDF	23.25	187	92.4	230/460	12.5	30
15	3600	213JM	**JMFSWDM3713T-E**	10,588	WDF	23.25	187	91.7	230/460	17.0	30
		254JM	**JMFSWDM23994T-E**	12,328	WDF	25.68	265	91.0	230/460	17.0	
	1800	254JM	**JMFSWDM23933T-E**	12,162	WDF	25.68	281	92.4	230/460	17.5	30
20	3600	256JM	**JMFSWDM41906T-E**	13,882	WDF	26.68	295	91.0	230/460	23.0	
	1800	256JM	**JMFSWDM23934T-E**	13,814	WDF	26.68	331	93.0	230/460	24.0	

Explosion Proof, General Purpose, close-coupled pump, three phase

NEMA JM pump mounting
Steel band frame, cast ion endplates



Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
3	3600	145JM	**JMXM14321T**	①	T3C	3,420	XPP	18.67	59	86.5	230/460	3.6	2, 38
		182JM	**JMXM18322T**	②	T3C	4,023	XPP	18.98	80	86.5	230/460	3.0	19
5	3600	184JM	**JMXM18522T**	②	T3C	4,589	XPP	20.36	91	89.5	230/460	4.2	19
7 1/2	3600	184JM	**JMXM18721T**	①	T2C	4,757	XPP	21.86	115	89.5	230/460	8.4	2, 38
		213JM	**JMXM21722T**	②	T3C	5,406	XPP	21.45	149	89.5	230/460	7.8	19
10	3600	213JM	**JMXM21122T**	②	T2D	5,625	XPP	24.20	205	90.2	230/460	11.4	19

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

Explosion Proof, Drill Rig Duty, three phase, close-coupled pump

NEMA JP pump mount



Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
3	1800	182JP	**JPDRX18344T**	④	T3C	3,473	XDP	22.09	127	89.5	230/460	3.5	19
5	1800	184JP	**JPDRX18544T**	④	T3C	3,985	XDP	22.09	152	89.5	230/460	5.1	19
7 1/2	1800	213TCZ	**JPDRX21744TY**	④	T3C	5,082	XDP	25.65	228	91.7	230/460	8.7	19, 35, 39
10	1800	215TCZ	**JPDRX21144TY**	④	T3C	6,629	XDP	25.65	252	91.7	230/460	11.6	19, 35, 39
575 volt													
3	1800	182JP	**JPDRX18344T-5**	④	T3C	3,473	XDP	22.09	127	89.5	575	3.3	
5	1800	184JP	**JPDRX18544T-5**	④	T3C	3,985	XDP	22.09	152	89.5	575	5.3	10
7 1/2	1800	213TCZ	**JPDRX21744TY-5**	④	T3C	5,082	XDP	25.65	228	91.7	575	7.5	10, 35, 39
10	1800	215JP	**JPDRX21144TY-5**	④	T3C	6,629	XDP	25.65	252	92.4	575	10.1	10, 35, 39

④= Class I, Group C & D

Cast iron frame

IEEE 841XL, Vertical P-Base, solid shaft pump

3 thru 75 Hp

IP56

Features

- Meets and exceeds the requirements of IEEE Std. 841-2021
- Vertical lifting provisions for ease of installations
- Division 2, Class I, Groups A, B, C, D markings on the nameplate
- Severe Duty construction for harsh environments
- Inpro/seals at drive end and opposite drive end
- Inverter Duty nameplate
- Meets IEEE 45 on nameplate
- IEEE 841 test report ships with the motor
- 5 year warranty

Applications

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

IEEE 841XL, vertical p-base, solid shaft pump, three phase, TEFC



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
High thrust											
460 volt											
50	3600	326VP	**VPECP84114T-4**	19,977	PV3	38.56	784	93.0	460	55.0	1
	1800	326VP	**VPECP84115T-4**	19,655	PV3	38.56	700	94.5	460	57.0	1
60	3600	364VP	**VPECP84310T-4**	30,888	PV3	37.27	999	93.6	460	66.0	1
	1800	364VP	**VPECP84314T-4**	30,071	PV3	37.27	910	95.0	460	68.0	1
75	3600	365VP	**VPECP84313T-4**	32,051	PV3	37.27	1005	93.6	460	81.5	1
	1800	365VP	**VPECP84316T-4**	30,519	PV3	37.27	1066	95.4	460	86.0	1
Medium thrust											
460 volt											
3	3600	182LP	**VLECP83660T-4**	5,147	PV3	22.68	95	86.5	460	3.6	1
	1800	182LP	**VLECP83661T-4**	5,273	PV3	22.68	108	90.2	460	4.1	1
5	3600	184LP	**VLECP83663T-4**	5,888	PV3	22.68	123	88.5	460	5.7	1
	1800	184LP	**VLECP83665T-4**	5,502	PV3	22.68	115	89.5	460	6.5	1
7 1/2	3600	213LP	**VLECP83769T-4**	7,163	PV3	24.71	171	89.5	460	8.9	1
	1800	213LP	**VLECP83770T-4**	6,541	PV3	24.71	178	91.7	460	9.5	1
10	3600	215LP	**VLECP83771T-4**	7,140	PV3	24.71	189	91.0	460	11.3	1
	1800	215LP	**VLECP83774T-4**	7,413	PV3	24.71	231	91.7	460	12.2	1
15	3600	254LP	**VLECP82394T-4**	9,834	PV3	29.54	240	91.0	460	17.0	1
	1800	254LP	**VLECP82333T-4**	9,424	PV3	29.54	361	92.4	460	17.6	1

Cast iron frame

IEEE 841XL, vertical p-base, solid shaft pump, three phase, TEFC

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt											
20	3600	256LP	**VLECP84106T-4**	10,621	PV3	29.54	315	91.0	460	22.0	1
	1800	256LP	**VLECP82334T-4**	9,827	PV3	34.56	420	93.0	460	23.0	1
25	3600	284LP	**VLECP84107T-4**	14,670	PV3	36.31	396	91.7	460	28.0	1
	1800	284LP	**VLECP84103T-4**	14,099	PV3	36.31	437	93.6	460	30.0	1
30	3600	286LP	**VLECP84108T-4**	16,160	PV3	36.31	591	91.7	460	34.0	1
	1800	286LP	**VLECP84104T-4**	15,335	PV3	36.31	618	93.6	460	36.0	1
40	3600	324LP	**VLECP84109T-4**	22,991	PV3	38.56	607	92.4	460	44.0	1
	1800	324LP	**VLECP84110T-4**	21,560	PV3	38.56	741	94.1	460	46.0	1

Cast iron frame

Vertical P-Base, solid shaft pump

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
- Petrochemical
- Pulp and paper
- Wastewater
- Aggregate

P-Base Solid Shaft Pump, three phase, TEFC



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
High thrust											
230/460 volt											
50	3600	326VP	**VPECP4114T**	18,851	PV3	34.71	587	93.0	230/460	56.0	1
	1800	326VP	**VPECP4115T**	18,581	PV3	34.71	714	94.5	230/460	58.0	1
60	3600	364VP	**VPECP4310T**	25,548	PV3	37.25	999	95.0	230/460	65.1	1
	1800	364VP	**VPECP4314T**	23,873	PV3	37.25	910	95.0	230/460	70.0	1
75	3600	365VP	**VPECP4313T**	27,573	PV3	37.25	1005	94.5	230/460	80.7	1
	1800	365VP	**VPECP4316T**	26,485	PV3	37.25	965	95.4	230/460	86.0	1
Medium thrust											
230/460 volt											
3	3600	182LP	**VLECP3660T**	5,027	PV3	22.18	99	88.5	230/460	3.4	1
	1800	182LP	**VLECP3661T**	5,139	PV3	22.18	105	89.5	230/460	4.1	1
5	3600	184LP	**VLECP3663T**	5,534	PV3	22.18	105	90.2	230/460	5.7	1
	1800	184LP	**VLECP3665T**	5,180	PV3	22.18	119	89.5	230/460	6.6	1
7 1/2	3600	213LP	**VLECP3769T**	6,575	PV3	22.51	169	91.0	230/460	8.6	1
	1800	213LP	**VLECP3770T**	6,005	PV3	22.51	170	91.7	230/460	9.5	1
10	3600	215LP	**VLECP3771T**	6,804	PV3	22.51	182	92.4	230/460	11.0	1
	1800	215LP	**VLECP3774T**	6,590	PV3	22.51	231	92.4	230/460	12.5	1
15	3600	254LP	**VLECP2394T**	9,295	PV3	26.08	298	91.0	230/460	17.0	1
	1800	254LP	**VLECP2333T**	9,004	PV3	26.08	319	92.4	230/460	18.1	1
20	3600	256LP	**VLECP4106T**	10,096	PV3	26.08	335	91.7	230/460	22.0	1
	1800	256LP	**VLECP2334T**	9,332	PV3	26.08	303	93.0	230/460	24.0	1
25	3600	284LP	**VLECP4107T**	12,266	PV3	32.44	400	91.7	230/460	28.0	1
	1800	286LP	**VLECP4103T**	11,864	PV3	32.44	532	93.6	230/460	31.0	1
30	3600	286LP	**VLECP4108T**	13,743	PV3	32.44	400	91.7	230/460	34.0	1
	1800	286LP	**VLECP4104T**	13,053	PV3	32.44	549	93.6	230/460	38.0	1
40	3600	324LP	**VLECP4109T**	18,199	PV3	34.72	600	93.0	230/460	45.0	1

Cast iron frame

P-Base Solid Shaft Pump, three phase, TEFC

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
40	1800	324LP	**VLECP4110T**	16,758	PV3	34.72	600	94.1	230/460	48.0	1
Normal thrust											
230/460 volt											
3	3600	182HP	**VHECP3660T**	3,942	PV3	22.18	120	89.5	230/460	3.5	1, 30
	1800	182HP	**VHECP3661T**	3,530	PV3	22.18	129	89.5	230/460	4.1	1, 30
5	3600	184HP	**VHECP3663T**	4,787	PV3	22.18	99	90.2	230/460	5.7	1, 30
	1800	184HP	**VHECP3665T**	4,433	PV3	22.18	141	89.5	230/460	6.6	1, 30
7 1/2	3600	213HP	**VHECP3769T**	5,745	PV3	22.51	173	89.5	230/460	9.0	1, 30
	1800	213HP	**VHECP3770T**	5,340	PV3	22.51	170	91.7	230/460	9.5	1, 30
10	3600	215HP	**VHECP3771T**	5,974	PV3	22.51	203	92.4	230/460	11.0	1, 30
	1800	215HP	**VHECP3774T**	5,760	PV3	22.51	231	92.4	230/460	12.5	1, 30
15	3600	254HP	**VHECP2394T**	7,644	PV3	26.11	284	91.0	230/460	17.5	1, 30
	1800	254HP	**VHECP2333T**	7,352	PV3	26.11	316	92.4	230/460	18.1	1, 30
20	3600	256HP	**VHECP4106T**	8,444	PV3	26.11	325	92.4	230/460	23.0	1, 30
	1800	256HP	**VHECP2334T**	7,680	PV3	26.11	337	93.0	230/460	24.0	1, 30
25	3600	284HP	**VHECP4107T**	9,827	PV3	26.11	337	92.4	230/460	28.0	1, 30
	1800	284HP	**VHECP4103T**	9,426	PV3	30.69	539	93.6	230/460	31.0	1, 30
30	3600	286HP	**VHECP4108T**	11,304	PV3	26.11	361	91.7	230/460	34.0	1, 30
	1800	286HP	**VHECP4104T**	10,614	PV3	30.69	563	93.6	230/460	38.0	1, 30
40	3600	324HP	**VHECP4109T**	15,006	PV3	34.72	581	93.0	230/460	45.0	1, 30
	1800	324HP	**VHECP4110T**	13,565	PV3	34.72	620	94.1	230/460	48.0	1, 30
50	3600	326HP	**VHECP4114T**	15,548	PV3	34.72	668	93.0	230/460	56.0	1, 30
	1800	326HP	**VHECP4115T**	15,278	PV3	34.72	764	94.5	230/460	58.0	1, 30
60	3600	364HP	**VHECP4310T**	21,123	PV3	35.36	959	95.0	230/460	65.1	1, 30
	1800	364HP	**VHECP4314T**	19,449	PV3	35.36	969	95.0	230/460	68.0	1, 30
75	3600	365HP	**VHECP4313T**	23,149	PV3	35.36	1042	94.5	230/460	80.7	1, 30
	1800	365HP	**VHECP4316T**	22,060	PV3	35.36	1002	95.4	230/460	85.9	1, 30

Cast iron frame

SAE hydraulic pump

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
- 100% copper windings on all ratings

Applications

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

SAE hydraulic pump motor, three phase, TEFC



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
5	1800	184TYZ	**EHPM3615T**	1,713	PM3	14.98	93	89.5	230/460	6.7	
7 1/2	1800	213TYZ	**EHPM3710T**	2,383	PM3	15.79	127	91.7	230/460	9.5	
10	1800	215TYZ	**EHPM3714T**	2,664	PM3	17.29	165	91.7	230/460	12.0	

Submersible motors

1 thru 100 Hp

IP68

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, 210TY Frame 15 HP and up)
- Dual moisture sensing probes
- 1.15 Service Factor
- Inverter Duty for 10:1 variable torque
- 5 year pro-rated warranty

Applications
- Wet pit applications
- Slurry pumps
- Aerators
- Mixers

Submersible motors, three phase, TENV, UL



UL listed, Division 1, Class I, Group C & D, T3C (T2A on Inverter)
All 180TY and 210TY catalog numbers through 10 HP are furnished without lead cable assemblies

Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
200 volt													
2	1800	180TY	**SUM70204SM-8**	④	T3C	7,274	SU3	25.94	287	73.5	200/400	6.7	81, 39
5	1800	180TY	**SUM70504-8**	④	T3C	7,735	SU3	26.66	235	80.2	200/400	16.1	81
230/460 volt													
1	1800	180TY	**SUM70104SM**	④	T3C	6,917	SU3	25.94	247	63.5	230/460	3.4	81, 39
	1200	180TY	**SUM70106SM**	④	T3C	7,415	SU3	25.94	169	63.1	230/460	4.0	10, 81, 39
1 1/2	1800	180TY	**SUM70154SM**	④	T3C	7,117	SU3	25.94	175	70.5	230/460	4.6	81, 39
	1200	180TY	**SUM70156SM**	④	T3C	7,573	SU3	25.94	175	70.5	230/460	5.2	10, 81, 39
2	1800	180TY	**SUM70204SM**	④	T3C	7,274	SU3	25.94	241	73.5	230/460	5.8	81, 39
3	1800	180TY	**SUM70304SM**	④	T3C	7,367	SU3	25.94	200	78.1	230/460	8.8	81, 39
	1200	180TY	**SUM70306**	④	T3C	7,507	SU3	26.66	235	78.0	230/460	10.4	81
5	1800	180TY	**SUM70504**	④	T3C	7,735	SU3	26.66	267	80.2	230/460	14.0	81
		180TY	**SUM70504SM-4**	④	T3C	7,735	SU3	26.66	235	80.2	230/460	7.0	81, 39
		180TY	**SUM70504-4**	④	T3C	7,735	SU3	26.66	257	80.2	230/460	7.0	81
	1200	180TY	**SUM70506**	④	T3C	10,631	SU3	26.66	225	80.7	230/460	16.0	81
7 1/2	1800	180TY	**SUM70754**	④	T3C	10,003	SU3	26.66	243	82.7	230/460	20.2	81
		180TY	**SUM70754-4**	④	T3C	10,003	SU3	26.66	245	82.7	230/460	10.1	81
		180TY	**SUM70754SM-4**	④	T3C	10,003	SU3	26.66	248	82.7	230/460	10.1	81, 39
	1200	210TY	**SUM70756**	④	T3C	11,378	SU3	31.93	350	81.7	230/460	20.8	81
		210TY	**SUM70756-4**	④	T3C	11,378	SU3	31.93	350	81.7	230/460	10.4	10, 81
10	1800	210TY	**SUM71004**	④	T3C	10,377	SU3	31.93	356	85.6	230/460	25.0	81

④= Class I, Group C & D

Cast iron frame

Submersible motors, three phase, TENV, UL

UL listed, Division 1, Class I, Group C & D, T3C (T2A on Inverter)
All 180TY and 210TY catalog numbers through 10 HP are furnished without lead cable assemblies

Hp	RPM	Frame	Catalog Number	Cls/ Grp	Temp Code	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt													
10	1800	210TY	**SUM71004-4**	④	T3C	10,377	SU3	31.93	356	85.6	230/460	12.5	81
		210TY	**SUM71004SM-4**	④	T3C	10,377	SU3	32.65	356	85.6	230/460	12.5	81, 39
	1200	210TY	**SUM71006**	④	T3C	14,310	SU3	31.93	420	83.8	230/460	28.0	81
		210TY	**SUM71006-4**	④	T3C	14,310	SU3	31.93	412	83.8	230/460	14.0	10, 81
15	1800	210TY	**SUM71504**	④	T3C	13,650	SU3	36.12	440	85.4	230/460	38.0	
		210TY	**SUM71504-4**	④	T3C	13,650	SU3	36.12	438	85.4	230/460	19.0	81
		210TY	**SUM71504SM-4**	④	T3C	13,650	SU3	35.73	438	85.4	230/460	19.0	39, 81
	1200	250TY	**SUM71506-4**	④	T3C	19,336	SU3	39.40	750	86.5	230/460	21.0	81
20	1800	210TY	**SUM72004-4**	④	T3C	16,164	SU3	36.12	485	86.6	230/460	27.1	81
		210TY	**SUM72004SM-4**	④	T3C	15,241	SU3	35.73	514	86.6	230/460	27.1	39, 81
	1200	250TY	**SUM72006-4**	④	T3C	21,322	SU3	39.40	474	86.7	230/460	29.0	81
25	1800	250TY	**SUM72504-4**	④	T3C	19,953	SU3	39.40	535	88.5	230/460	31.0	81
		250TY	**SUM72504SM-4**	④	T3C	19,953	SU3	37.93	750	88.5	230/460	31.0	81, 39
	1200	250TY	**SUM72506-4**	④	T3C	27,666	SU3	39.40	560	86.7	230/460	41.0	81
		250TY	**SUM72506SM-4**	④	T3C	27,666	SU3	37.93	496	86.7	230/460	41.0	81, 39
30	1800	250TY	**SUM73004-4**	④	T3C	21,552	SU3	39.40	527	88.7	230/460	34.0	81
		250TY	**SUM73004SM-4**	④	T3C	21,552	SU3	37.93	574	88.7	230/460	34.0	81, 39
460 volt													
30	1200	320TY	**SUM73006-4**	④	T3C	33,199	SU3	48.63	826	89.7	460	41.0	10, 82
40	1800	250TY	**SUM74004-4**	④	T3C	29,178	SU3	39.40	549	89.0	460	50.0	82
50	1800	320TY	**SUM75004-4**	④	T3C	34,146	SU3	48.63	950	91.1	460	60.0	10, 82
		320TY	**SUM75004SM-4**	④	T3C	34,146	SU3	48.10	880	91.1	460	60.0	10, 82, 39
	1200	320TY	**SUM75006-4**	④	T3C	37,029	SU3	48.63	890	90.5	460	63.0	10, 82
60	1800	320TY	**SUM76004-4**	④	T3C	43,672	SU3	48.63	950	92.0	460	76.0	10, 82
75	1800	320TY	**SUM77504-4**	④	T3C	56,619	SU3	48.63	1300	92.6	460	88.0	10, 82
	1200	360TY	**SUM77506-4**		T3C	57,893	SU3	47.10	1450	92.3	460	90.9	10, 82
100	1800	360TY	**SUM710004-4**		T3C	60,201	SU3	47.10	1500	91.6	460	116.0	10, 82
	1200	360TY	**SUM710006-4**		T3C	74,411	SU3	47.10	1500	91.2	460	122.0	10, 82

④= Class I, Group C & D

Cast iron frame

Submersible motors, three phase, TENV, Non-UL

All 210TY catalog numbers through 10 HP are furnished without lead cable assemblies



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
7 1/2	1800	210TY	**SUM20754**	7,334	SU3	31.93	335	82.8	230/460	18.4	81
		210TY	**SUM20754-4**	7,334	SU3	31.69	340	82.8	230/460	9.2	81
10	1800	210TY	**SUM21004**	8,554	SU3	31.93	351	85.6	230/460	25.0	81
		210TY	**SUM21004-4**	8,554	SU3	31.69	370	85.6	230/460	12.5	81
15	1800	210TY	**SUM21504**	11,093	SU3	36.12	432	85.4	230/460	38.0	81
		210TY	**SUM21504-4**	11,093	SU3	36.12	441	85.4	230/460	19.0	81

Cast iron frame

Submersible motor lead cable assemblies

Selection required for ALL 180TY and 210TY catalog ratings through 10 HP

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.

Applications
- Submersible motors

Submersible motor lead cable assemblies



- Kits consist of (1) set of power cables and (1) set of control lead cables of the specified length with attached receptacles.
- Additional cable lengths are available on custom submersible motors.

Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
802386201R	25 feet, 5HP 1800 200V, 5HP 1200, 7 1/2HP and 10HP 1800	1,791	SCG	20
802386201T	50 feet, 5HP 1800 200V, 5HP 1200, 7 1/2HP and 10HP 1800	2,887	SCG	42
802386201U	75 feet, 5HP 1800 200V, 5HP 1200, 7 1/2HP and 10HP 1800	3,753	SCG	59
802386201V	100 feet, 5HP 1800 200V, 5HP 1200, 7 1/2HP and 10HP 1800	4,619	SCG	75
802386203R	25 feet, 1-3HP all speeds and 5HP 1800 230 or 460V	1,286	SCG	14
802386203T	50 feet, 1-3HP all speeds and 5HP 1800 230 or 460V	1,805	SCG	28
802386203U	75 feet, 1-3HP all speeds and 5HP 1800 230 or 460V	2,346	SCG	33
802386203V	100 feet, 1-3HP all speeds and 5HP 1800 230 or 460V	2,887	SCG	51
802386204R	25 feet, 10HP 1200	1,937	SCG	32
802386204T	50 feet, 10HP 1200	3,143	SCG	53
802386204U	75 feet, 10HP 1200	4,075	SCG	78
802386204V	100 feet, 10HP 1200	5,006	SCG	102

Red catalog number indicates **NEW** product

HVAC



HVAC

ABB's Baldor-Reliance HVAC motors offer exceptional energy efficiency, reliability and durability for heating, ventilation and air conditioning applications. They reduce energy costs, ensure dependable performance and feature variable speed capabilities for improved control. Ideal for commercial and industrial use, they operate quietly and integrate seamlessly with HVAC components.



Critical Cooling Motors



HVAC Motors, Inverter Duty, ABB Baldor-Reliance Shaft Grounding Brush



HVAC Motors, Inverter Duty, shaft grounding ring



Chiller/cooling tower



GNEM, HVAC General Purpose, open, with internal Shaft Grounding Ring



GNEM, HVAC General Purpose, enclosed, with internal shaft grounding ring



HVAC, General purpose



Condenser Fan



Fan and blower



Fan and blower



Direct Drive, fan motor



Direct Drive, fan motor



Yoke/pedestal fan



Ventilation fan

Product Line		Critical Cooling	General Purpose HVAC	Cooling Tower	GNEM	Fan and Blower
Frame Sizes	Frame size range for stock products	143T-286T	143T-405T	143T-405T	56 - 280T	48-56H
Electrical features						
Efficiency	Baldor-Reliance motors meet or exceed all efficiency requirements for US, Canada and Mexico regulations	S	S	S	S	S
	IE4 Super Premium	O	O	O	O	O
	Meets or exceeds IE5 efficiency in select models	S	-	-	-	-
Service factor	1.00 service factor - continuous	-	-	-	-	S
	1.15 service factor – continuous	S	S	S	S	-
	1.50 service factor on IE5+ specs	S	-	-	-	-
Voltage 60 Hz	208-230/460	-	-	-	S	-
	230/460	S	S	S	-	S
	460	S	S	-	-	-
	200	-	S	-	-	-
	575	-	S	S	-	-
	115/230; 1 Phase	-	-	-	-	S
	227; 1 Phase	-	-	-	-	S
Voltage 50 Hz	190/380	-	-	-	S	-
Insulation Class	Class B	-	-	-	-	S
	Class F	-	-	S	-	S
	Class H	S	S	-	S	-
Inverter	Suitable for inverter use per NEMA MG1 Part 31.4.4.2	S	S	S	S	-
Mechanical features						
IP code	IP54 enclosure ingress protection	S	-	-	-	-
	IP55 enclosure ingress protection		-	S	-	-
	IP44 enclosure ingress protection on TEFC	-	S	-	S	S
	IP22 enclosure ingress protection on ODP	-	S	-	S	S
Frame	Rolled steel frame	S	S	S	S	S
	Cast iron frame	S	S	S	S	-
Shaft seals	Neoprene V-ring slinger - DE	-	-	S	-	-
	Lip Seal - DE	-	-	S	-	-
	Large dome slinger – DE	-	-	S	-	-
Bearing Protection	Baldor Shaft Grounding Brush	-	S	O	O	O
	Aegis shaft grounding ring	-	S	S	S	-
	Hybrid ceramic bearings	S	O	O	O	O
Bearings and lubrication	Ball bearings designs	-	S	-	S	S
	Bearings: Non regreasable, lubed for life, double sealed	-	-	S	-	-
	Bearings: Non regreasable, lubed for life, double sealed, Hybrid Ceramic bearing to protect against shaft currents	S	-	-	-	-
Conduit box	Conduit box: Oversized, lipped cover, threaded NPT inlet	-	-	S	-	-
	Conduit box: Standard Oversized box w/lead hole	S	S	-	S	S
Nameplate	Nameplate: Stainless Steel embossed raised lettering	-	-	S	-	-
	Nameplate: Aluminum laser etched lettering	S	S	-	S	S
	Nameplate: Mylar (Rolled Steel Frame Only)	S	-	-	-	-
Other key features						
Warranty	Warranty – in years from date of manufacture	5	3	3	3	3
	Lifetime Warranty against bearing failure due to shaft currents	S	-	-	-	-

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

Critical Cooling Motors

1 thru 30 Hp

★★★★★ **Lifetime warranty** against bearing failure from shaft currents

IP54

Features

- Robust cast iron frame construction
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2
- Sealed Hybrid Ceramic bearings to protect against shaft currents
- Designed for longevity with a 5 year warranty
- 100% copper windings on all ratings

Applications

- Fans
- Direct drive applications
- HVAC systems
- Variable speed applications
- Mission critical applications

Critical Cooling, three phase, TEAO, Inverter Duty, Bearing Protection



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1	1800	143T	HBAO3581T	1,494	HB3	11.44	58	85.5	230/460	1.6	30
2	3600	145T	HBAO3586T	1,645	HB3	11.44	64	86.5	230/460	2.6	30
	1800	145T	HBAO3587T	1,587	HB3	11.44	64	86.5	230/460	2.8	30
3	3600	182T	HBAO3660T	1,847	HB3	13.83	95	89.5	230/460	3.5	30
	1800	182T	HBAO3661T	1,776	HB3	13.83	100	89.5	230/460	4.0	30
5	3600	184T	HBAO3663T	2,012	HB3	13.83	105	90.2	230/460	5.7	30
	1800	184T	HBAO3665T	1,910	HB3	13.83	120	90.2	230/460	6.5	30
7 1/2	3600	213T	HBAO3769T	2,885	HB3	17.10	173	91.0	230/460	8.6	30
	1800	213T	HBAO3770T	2,649	HB3	16.88	198	91.7	230/460	9.5	30
10	3600	215T	HBAO3771T	2,919	HB3	16.88	203	91.7	230/460	11.2	30
	1800	215T	HBAO3774T	2,941	HB3	16.88	231	92.4	230/460	12.5	30
15	3600	254T	HBAO2394T	5,194	HB3	20.72	239	91.7	230/460	17.2	30
	1800	254T	HBAO2333T	4,793	HB3	20.75	268	92.4	230/460	18.1	30
20	3600	256T	HBAO4106T	5,153	HB3	20.75	229	91.0	230/460	23.0	30
	1800	256T	HBAO2334T	5,203	HB3	20.75	322	93.0	230/460	24.0	30
25	3600	284T	HBAO4118T	6,715	HB3	23.54	265	91.7	230/460	29.0	30
	1800	284T	HBAO4103T	6,795	HB3	24.63	437	93.6	230/460	31.0	30
30	3600	286T	HBAO4108T	7,858	HB3	23.54	299	91.7	230/460	34.0	30
	1800	286T	HBAO4104T	7,943	HB3	24.63	437	93.6	230/460	38.0	30

Cast iron frame

Red catalog number indicates **NEW** product

Critical Cooling, three phase, TEFC, Inverter Duty, Bearing Protection

Class H Insulation



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1	3600	56	HBEM3545	1,366	HB3	12.23	35	77.0	230/460	1.4	
	1800	143T	HBEM3546T	1,492	HB3	12.29	58	85.5	230/460	1.6	30
		143T	HBEM3581T	1,823	HB3	12.54	56	85.5	230/460	1.6	30
		145T	HBEM3582T	2,011	HB3	12.54	56	85.5	230/460	1.6	30
	1200	145T	HBEM3556T	1,732	HB3	13.29	41	82.5	230/460	1.5	30
1 1/2	3600	143T	HBEM3550T	1,528	HB3	12.29	38	84.0	230/460	1.9	
	1800	145T	HBEM3554T	1,540	HB3	13.29	41	86.5	230/460	2.3	30
		145T	HBEM3584T	1,881	HB3	12.54	61	86.5	230/460	2.3	30
	1200	182T	HBEM3607T	2,031	HB3	16.54	72	87.5	230/460	2.4	30
		182T	HBEM3667T	2,364	HB3	15.23	99	87.5	230/460	2.5	
2	3600	145T	HBEM3555T	1,646	HB3	13.29	64	85.5	230/460	2.5	
	1800	145T	HBEM3558T	1,587	HB3	13.29	64	86.5	230/460	2.8	30
		145T	HBEM3587T	1,960	HB3	12.54	61	86.5	230/460	2.8	30
	1200	184T	HBEM3614T	2,113	HB3	18.04	100	88.5	230/460	3.5	30
		184T	HBEM3664T	2,398	HB3	15.23	113	88.5	230/460	3.2	30
3	3600	145T	HBEM3559T	1,777	HB3	14.17	50	86.5	230/460	3.6	
	1800	182T	HBEM3611T	1,775	HB3	16.54	73	89.5	230/460	4.2	30
		182T	HBEM3661T	2,210	HB3	15.23	100	89.5	230/460	4.1	30
	1200	213T	HBEM3704T	2,688	HB3	19.02	138	89.5	230/460	4.6	30
		213T	HBEM3764T	2,936	HB3	18.45	211	89.5	230/460	4.4	30
5	1800	184T	HBEM3615T	1,910	HB3	18.04	120	89.5	230/460	6.7	30
		184T	HBEM3665T	2,254	HB3	15.23	115	89.5	230/460	6.6	30
	1200	215T	HBEM3708T	2,986	HB3	20.52	185	89.5	230/460	7.2	30
		215T	HBEM3768T	3,359	HB3	18.45	198	89.5	230/460	7.4	30
7 1/2	1800	213T	HBEM3710T	2,648	HB3	19.02	198	91.7	230/460	9.5	30
		213T	HBEM3770T	3,292	HB3	18.45	198	91.7	230/460	9.5	30
	1200	254T	HBEM2276T	4,864	HB3	23.36	302	91.0	230/460	11.0	30
10	1800	215T	HBEM3714T	2,941	HB3	20.52	231	91.7	230/460	12.5	30
		215T	HBEM3774T	3,564	HB3	18.45	231	91.7	230/460	12.3	
	1200	256T	HBEM2332T	5,480	HB3	23.36	297	91.0	230/460	14.1	30
15	1800	254T	HBEM2333T	4,447	HB3	23.36	268	92.4	230/460	18.1	30
	1200	284T	HBEM4100T	7,284	HB3	27.63	391	91.7	230/460	21.0	30
20	1800	256T	HBEM2334T	5,286	HB3	23.36	322	93.0	230/460	24.0	30
	1200	286T	HBEM4102T	9,484	HB3	27.63	437	91.7	230/460	27.0	30
25	1800	284T	HBEM4103T	6,903	HB3	27.63	437	93.6	230/460	31.0	30
30	1800	286T	HBEM4104T	8,068	HB3	27.63	437	93.6	230/460	38.0	30

Cast iron frame

Red catalog number indicates **NEW** product

Critical Cooling SP5+, three phase, TEFC, Inverter Duty, IE5, Bearing Protection



- SP5+ motor technology (FASR - Magnet assisted Synchronous Reluctance rotor)
- For inverter use only per NEMA MG1 Part 31.4.4.2

Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
5	1800	4000	143T	ECC101M0H5DF4	2,388	EC1	15.54	68	93.0	230/460	5.2	1
			182T	ECC101M0H5EF4	2,463	EC1	16.54	68	93.7	230/460	5.3	1
7 1/2	1800	4000	184T	ECC101M0H7EF4	3,257	EC1	18.04	92	94.0	230/460	8.8	1
		3000	213T	ECC101M0H7FF4	3,487	EC1	17.89	105	94.0	230/460	8.9	1
10	1800	3000	213T	ECC101M0H10FF4	3,676	EC1	19.02	123	94.8	230/460	11.2	1
15	1800	3000	215T	ECC101M0H15FF4	5,559	EC1	21.96	168	95.6	230/460	17.8	1
460 volt												
20	1800	3000	215T	ECC101M4H20FF4	6,608	EC1	23.51	218	95.9	460	22.0	1, 82

Red catalog number indicates **NEW** product

HVAC Motors, Inverter Duty, ABB Baldor-Reliance Shaft Grounding Brush

1 thru 50 Hp

BALDOR · RELIANCE
SHAFT GROUNDING BRUSH INSTALLED
LB1508

ODP IP22 **TEFC 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
- 100% copper windings on all ratings

Applications

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

HVAC, NEMA Premium, three phase, TEFC, foot mounted, Shaft Grounding



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1	1800	143T	**EM3546T-BG**	1,436	HV3	12.31	38	85.5	230/460	1.6	30
		143T	**EM3581T-BG**	1,754	HV3	12.54	55	85.5	230/460	1.6	30
	1200	145T	**EM3582T-BG**	1,935	HV3	12.54	56	82.5	230/460	1.5	30
1 1/2	3600	143T	**EM3583T-BG**	1,841	HV3	12.54	56	84.0	230/460	1.9	30
	1800	145T	**EM3554T-BG**	1,482	HV3	13.31	41	86.5	230/460	2.3	30
		145T	**EM3584T-BG**	1,810	HV3	12.54	61	86.5	230/460	2.3	30
	1200	182T	**EM3667T-BG**	2,274	HV3	15.24	99	87.5	230/460	2.5	
2	3600	145T	**EM3555T-BG**	1,582	HV3	13.31	41	85.5	230/460	2.5	30
		145T	**EM3586T-BG**	1,920	HV3	12.54	62	85.5	230/460	2.5	30
	1800	145T	**EM3558T-BG**	1,526	HV3	13.31	45	86.5	230/460	2.8	30
		145T	**EM3587T-BG**	1,885	HV3	12.54	62	86.5	230/460	2.8	30
	1200	184T	**EM3664T-BG**	2,307	HV3	15.24	123	88.5	230/460	3.2	30
3	3600	145T	**EM3559T-BG**	1,708	HV3	14.19	50	86.5	230/460	3.6	30
		182T	**EM3660T-BG**	2,075	HV3	15.24	58	86.5	230/460	3.8	30
	1800	182T	**EM3611T-BG**	1,708	HV3	16.54	70	89.5	230/460	4.2	30
		182T	**EM3661T-BG**	2,126	HV3	15.24	105	89.5	230/460	4.1	30
	1200	213T	**EM3704T-BG**	2,585	HV3	19.01	132	89.5	230/460	4.6	30
		213T	**EM3764T-BG**	2,826	HV3	18.45	211	89.5	230/460	4.5	30
5	3600	184T	**EM3613T-BG**	1,935	HV3	16.54	74	88.5	230/460	5.9	30
		184T	**EM3663T-BG**	2,491	HV3	15.24	99	88.5	230/460	5.8	30
	1800	184T	**EM3615T-BG**	1,838	HV3	18.04	93	89.5	230/460	6.7	30
		184T	**EM3665T-BG**	2,169	HV3	15.24	115	89.5	230/460	6.6	30
	1200	215T	**EM3708T-BG**	2,873	HV3	20.51	154	89.5	230/460	7.2	30
		215T	**EM3768T-BG**	3,232	HV3	18.45	198	89.5	230/460	7.4	30

Cast iron frame

HVAC, NEMA Premium, three phase, TEFC, foot mounted, Shaft Grounding

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
7 1/2	3600	213T	**EM3709T-BG**	2,776	HV3	17.89	121	89.5	230/460	9.0	30
		213T	**EM3769T-BG**	3,232	HV3	18.45	169	89.5	230/460	9.0	30
	1800	213T	**EM3311T-BG**	2,638	HV3	16.32	115	91.0	230/460	9.8	30
		213T	**EM3710T-BG**	2,547	HV3	19.01	127	91.7	230/460	9.5	30
		213T	**EM3770T-BG**	3,135	HV3	18.45	193	91.7	230/460	9.5	30
	1200	254T	**EM2276T-BG**	4,630	HV3	23.27	310	91.0	230/460	11.0	30
10	3600	215T	**EM3711T-BG**	2,809	HV3	17.89	118	90.2	230/460	11.6	30
		215T	**EM3771T-BG**	3,302	HV3	18.45	164	90.2	230/460	11.8	30
	1800	215T	**EM3714T-BG**	2,829	HV3	20.51	165	91.7	230/460	12.5	30
		215T	**EM3774T-BG**	3,435	HV3	18.45	232	91.7	230/460	12.2	30
	1200	256T	**EM2332T-BG**	5,223	HV3	23.27	322	91.0	230/460	14.1	30
15	3600	254T	**EM2394T-BG**	4,583	HV3	23.27	253	91.0	230/460	17.5	30
	1800	254T	**EM2333T-BG**	4,230	HV3	23.27	274	92.4	230/460	18.1	30
	1200	284T	**EM4100T-BG**	6,881	HV3	27.81	372	91.7	230/460	21.0	30
20	1800	256T	**EM2334T-BG**	5,037	HV3	23.27	290	93.0	230/460	24.0	30
	1200	286T	**EM4102T-BG**	8,999	HV3	27.81	406	91.7	230/460	27.0	30
25	1800	284T	**EM4103T-BG**	6,514	HV3	27.81	420	93.6	230/460	31.0	30
	1200	324T	**EM4111T-BG**	10,227	HV3	30.44	475	93.0	230/460	32.0	30
30	1800	286T	**EM4104T-BG**	7,636	HV3	27.81	426	93.6	230/460	38.0	30
40	1800	324T	**EM2539T-BG**	8,039	HV3	27.19	324	94.1	230/460	49.0	30
		324T	**EM4110T-BG**	9,944	HV3	30.34	578	94.1	230/460	48.0	30
50	1800	326T	**EM4115T-BG**	10,810	HV3	30.34	645	94.5	230/460	58.0	30
575 volt											
3	1800	182T	**EM3211T-5BG**	1,737	HV3	15.00	74	89.5	575	3.3	

Cast iron frame

HVAC, NEMA Premium, three phase, TEFC, C-face foot mounted, Shaft Grounding



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/2	1800	56C	**CEM3538-BG**	1,406	HV3	12.23	33	81.5	208-230/460	1.0	
3/4	1800	56C	**CEM3542-BG**	1,451	HV3	12.23	37	82.5	208-230/460	1.2	12
1	1800	143TC	**CEM3546T-BG**	1,494	HV3	12.23	38	85.5	230/460	1.6	30
1 1/2	1800	145TC	**CEM3554T-BG**	1,540	HV3	13.29	41	86.5	230/460	2.3	30
2	1800	145TC	**CEM3558T-BG**	1,584	HV3	13.23	45	86.5	230/460	2.8	30
3	1800	182TC	**CEM3611T-BG**	1,826	HV3	16.55	70	89.5	230/460	4.2	30
5	1800	184TC	**CEM3615T-BG**	1,956	HV3	18.05	93	89.5	230/460	6.7	30

HVAC, NEMA Premium, three phase, ODP, foot mounted, Shaft Grounding



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1	1800	143T	**EM3116T-BG**	1,444	HV3	11.63	38	85.5	230/460	1.7	30
1 1/2	1800	145T	**EM3154T-BG**	1,497	HV3	11.62	37	86.5	230/460	2.3	30
	1200	182T	**EM3207T-G**	1,726	HV3	15.00	67	86.5	230/460	2.5	30
2	3600	143T	**EM3155T-BG**	1,456	HV3	11.63	43	85.5	230/460	2.5	30
	1800	145T	**EM3157T-BG**	1,584	HV3	12.13	43	86.5	230/460	2.8	30
3	3600	145T	**EM3158T-BG**	1,470	HV3	13.00	51	85.5	230/460	3.8	30
	1800	182T	**EM3211T-BG**	1,737	HV3	15.00	74	89.5	230/460	4.2	30
	1200	213T	**EM3305T-BG**	2,187	HV3	16.32	110	88.5	230/460	4.5	30
5	3600	182T	**EM3212T-BG**	1,632	HV3	13.62	63	86.5	230/460	6.0	30
	1800	184T	**EM3218T-BG**	1,872	HV3	16.50	92	89.5	230/460	6.6	30
	1200	215T	**EM3309T-BG**	2,753	HV3	17.45	141	89.5	230/460	7.4	30
7 1/2	3600	184T	**EM3219T-BG**	2,398	HV3	15.00	77	88.5	230/460	8.6	30
	1200	254T	**EM2506T-BG**	3,297	HV3	23.19	248	90.2	230/460	11.4	30
10	3600	213T	**EM3312T-BG**	2,735	HV3	16.32	121	89.5	230/460	12.0	30
	1800	215T	**EM3313T-BG**	3,117	HV3	17.45	129	91.7	230/460	12.5	30
	1200	256T	**EM2511T-BG**	4,159	HV3	23.19	255	91.7	230/460	14.3	30
15	3600	215T	**EM3314T-BG**	3,731	HV3	16.32	131	90.2	230/460	17.5	30
	1800	254T	**EM2513T-BG**	4,331	HV3	23.19	234	93.0	230/460	18.2	30
	1200	284T	**EM2524T-BG**	5,516	HV3	23.81	275	91.7	230/460	20.5	30
20	1800	256T	**EM2515T-BG**	4,709	HV3	23.19	228	93.0	230/460	24.0	30
	1200	286T	**EM2528T-BG**	6,606	HV3	25.06	321	92.4	230/460	27.0	30
25	1800	284T	**EM2531T-BG**	5,706	HV3	25.06	387	93.6	230/460	30.0	30
30	1800	286T	**EM2535T-BG**	6,193	HV3	23.81	341	94.1	230/460	37.0	30
50	1800	326T	**EM2543T-BG**	8,808	HV3	27.69	497	94.5	230/460	57.0	30
575 volt											
5	1800	184T	**EM3218T-5BG**	1,872	HV3	16.50	92	89.5	575	5.3	
7 1/2	1800	213T	**EM3311T-5BG**	2,638	HV3	16.32	120	91.7	575	7.6	
10	1800	215T	**EM3313T-5BG**	3,117	HV3	17.45	132	91.7	575	10.0	
15	1800	254T	**EM2513T-5BG**	4,331	HV3	23.19	250	93.0	575	14.2	
20	1800	256T	**EM2515T-5BG**	4,709	HV3	23.19	250	93.0	575	19.1	
25	1800	284T	**EM2531T-5BG**	5,706	HV3	25.06	388	93.6	575	24.5	
30	1800	286T	**EM2535T-5BG**	6,193	HV3	23.81	378	94.1	575	29.0	
40	1800	324T	**EM2539T-5BG**	8,039	HV3	27.19	400	94.1	575	40.0	
50	1800	326T	**EM2543T-5BG**	8,808	HV3	27.69	525	94.5	575	46.0	

HVAC Motors, Inverter Duty, shaft grounding ring

1 thru 100 Hp

SHAFT GROUNDING RING INSTALLED

LB1509

TEFC IP44 **ODP 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
- 100% copper windings on all ratings

Applications

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

HVAC, NEMA Premium, three phase, TEFC, foot mounted, shaft grounding ring



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
200 volt											
5	1800	184T	**EM3665T-8G**	2,223	HV3	15.23	119	89.5	200	15.1	
7 1/2	1800	213T	**EM3770T-8G**	2,841	HV3	18.45	170	91.7	200	21.4	
10	1800	215T	**EM3774T-8G**	3,142	HV3	18.45	231	91.7	200	28.0	
15	1800	254T	**EM2333T-8G**	4,280	HV3	23.36	254	92.4	200	42.4	
230/460 volt											
1	3600	56	**EM3545-G**	1,311	HV3	12.23	32	77.0	230/460	1.4	12, 30
	1800	143T	**EM3546T-G**	1,436	HV3	12.31	30	85.5	230/460	1.6	30
		143T	**EM3581T-G**	1,754	HV3	12.54	55	85.5	230/460	1.6	30
	1200	143T	**EM3582T-G**	1,935	HV3	12.54	56	82.5	230/460	1.5	30
		145T	**EM3556T-G**	1,666	HV3	13.31	43	82.5	230/460	1.5	30
1 1/2	3600	143T	**EM3550T-G**	1,469	HV3	12.29	36	84.0	230/460	1.9	30
		143T	**EM3583T-G**	1,841	HV3	12.54	56	84.0	230/460	1.9	30
	1800	145T	**EM3554T-G**	1,482	HV3	13.31	42	86.5	230/460	2.3	30
		145T	**EM3584T-G**	1,810	HV3	12.54	61	86.5	230/460	2.3	30
	1200	182T	**EM3607T-G**	1,953	HV3	16.54	76	87.5	208-230/460	2.4	30
		182T	**EM3667T-G**	2,274	HV3	15.23	99	87.5	230/460	2.5	
2	3600	145T	**EM3555T-G**	1,582	HV3	13.29	46	85.5	230/460	2.5	30
		145T	**EM3586T-G**	1,920	HV3	12.54	62	85.5	230/460	2.5	30
	1800	145T	**EM3558T-G**	1,526	HV3	13.31	42	86.5	230/460	2.8	30
		145T	**EM3587T-G**	1,885	HV3	12.54	62	86.5	230/460	2.8	30
	1200	184T	**EM3614T-G**	2,032	HV3	18.04	94	88.5	230/460	3.5	30
		184T	**EM3664T-G**	2,307	HV3	15.23	123	88.5	230/460	3.2	30
3	3600	145T	**EM3559T-G**	1,708	HV3	14.17	53	86.5	230/460	3.6	30
		182T	**EM3610T-G**	1,777	HV3	15.29	57	86.5	230/460	3.6	30
		182T	**EM3660T-G**	2,075	HV3	15.23	58	86.5	230/460	3.8	30

Cast iron frame

HVAC, NEMA Premium, three phase, TEFC, foot mounted, shaft grounding ring

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
3	1800	182T	**EM3611T-G**	1,708	HV3	16.54	74	89.5	230/460	4.2	30
		182T	**EM3661T-G**	2,126	HV3	15.23	105	89.5	230/460	4.1	30
	1200	213T	**EM3704T-G**	2,585	HV3	19.01	135	89.5	230/460	4.6	30
		213T	**EM3764T-G**	2,826	HV3	18.45	211	89.5	230/460	4.5	30
5	3600	184T	**EM3613T-G**	1,935	HV3	16.54	76	88.5	230/460	5.8	30
		184T	**EM3663T-G**	2,491	HV3	15.23	99	88.5	230/460	5.8	30
	1800	184T	**EM3615T-G**	1,838	HV3	18.04	92	89.5	230/460	6.7	30
		184T	**EM3665T-G**	2,169	HV3	15.23	115	89.5	230/460	6.6	30
	1200	215T	**EM3708T-G**	2,873	HV3	20.52	154	89.5	230/460	7.2	30
		215T	**EM3768T-G**	3,232	HV3	18.45	198	89.5	230/460	7.4	30
7 1/2	3600	213T	**EM3709T-G**	2,776	HV3	17.89	133	89.5	230/460	9.0	30
		213T	**EM3769T-G**	3,232	HV3	18.45	169	89.5	230/460	9.0	30
	1800	213T	**EM3710T-G**	2,547	HV3	19.01	130	91.7	230/460	9.5	30
		213T	**EM3770T-G**	3,168	HV3	18.45	193	91.7	230/460	9.5	30
	1200	254T	**EM2276T-G**	4,680	HV3	23.36	281	91.0	230/460	11.0	30
10	3600	215T	**EM3711T-G**	2,809	HV3	17.89	118	90.2	230/460	11.6	30
		215T	**EM3771T-G**	3,351	HV3	18.45	164	90.2	230/460	11.8	30
	1800	215T	**EM3714T-G**	2,829	HV3	20.51	156	91.7	230/460	12.5	30
		215T	**EM3774T-G**	3,468	HV3	18.45	232	91.7	230/460	12.2	
	1200	256T	**EM2332T-G**	5,273	HV3	23.36	291	91.0	230/460	14.1	30
15	3600	254T	**EM2394T-G**	4,632	HV3	23.36	253	91.0	230/460	17.5	30
	1800	254T	**EM2333T-G**	4,280	HV3	23.36	270	92.4	230/460	18.1	30
	1200	284T	**EM4100T-G**	7,010	HV3	27.81	369	91.7	230/460	21.0	30
20	3600	256T	**EM4106T-G**	5,037	HV3	23.36	261	91.0	230/460	23.0	30
	1800	256T	**EM2334T-G**	5,087	HV3	23.36	295	93.0	230/460	24.0	30
	1200	286T	**EM4102T-G**	9,127	HV3	27.81	398	91.7	230/460	27.0	30
25	3600	284TS	**EM4107T-G**	6,564	HV3	24.77	323	91.7	230/460	29.0	30
	1800	284T	**EM4103T-G**	6,643	HV3	27.81	400	93.6	230/460	31.0	30
	1200	324T	**EM4111T-G**	10,376	HV3	30.44	507	93.0	230/460	32.0	30
30	3600	286TS	**EM4108T-G**	7,682	HV3	24.77	299	91.7	230/460	34.0	30
	1800	286T	**EM4104T-G**	7,764	HV3	27.81	426	93.6	230/460	38.0	30
	1200	326T	**EM4117T-G**	11,871	HV3	30.28	604	93.0	230/460	39.0	30
40	3600	324TS	**EM4109T-G**	10,428	HV3	28.94	532	92.4	230/460	45.0	30
	1800	324T	**EM4110T-G**	10,092	HV3	30.28	569	94.1	230/460	48.0	30
	1200	364T	**EM4308T-G**	15,139	HV3	33.48	883	94.1	230/460	49.8	30
50	3600	326TS	**EM4114T-G**	11,337	HV3	28.84	574	93.0	230/460	56.0	30
	1800	326T	**EM4115T-G**	10,959	HV3	30.28	648	94.5	230/460	58.0	30
	1200	365T	**EM4312T-G**	18,171	HV3	33.48	910	94.1	230/460	62.0	30
60	3600	364TS	**EM4310T-G**	16,208	HV3	31.36	900	93.6	230/460	65.1	30
	1800	364T	**EM4314T-G**	16,012	HV3	33.48	815	95.0	230/460	70.0	30
75	3600	365TS	**EM4313T-G**	18,759	HV3	31.36	966	93.6	230/460	80.7	30
	1800	365T	**EM4316T-G**	18,624	HV3	33.48	956	95.4	230/460	86.0	30
100	1800	405T	**EM4400T-G**	23,304	HV3	38.04	1310	95.4	230/460	103.0	30
575 volt											
1	1800	143T	**EM3546T-5G**	1,436	HV3	13.28	35	85.5	575	1.3	
1 1/2	1800	145T	**EM3554T-5G**	1,482	HV3	13.31	42	86.5	575	1.7	
2	1800	145T	**EM3558T-5G**	1,526	HV3	13.31	46	86.5	575	2.2	

Cast iron frame

HVAC, NEMA Premium, three phase, TEFC, foot mounted, shaft grounding ring

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
575 volt											
3	1800	182T	**EM3611T-5G**	1,708	HV3	16.54	76	89.5	575	3.3	
5	1800	184T	**EM3615T-5G**	1,838	HV3	18.04	84	89.5	575	5.3	
7 1/2	1800	213T	**EM3710T-5G**	2,547	HV3	19.01	126	91.7	575	7.6	
10	1800	215T	**EM3714T-5G**	2,829	HV3	20.51	165	91.7	575	9.6	
15	1800	254T	**EM2333T-5G**	4,280	HV3	23.36	250	92.4	575	14.6	
20	1800	256T	**EM2334T-5G**	5,087	HV3	23.36	293	93.0	575	19.2	
25	1800	284T	**EM4103T-5G**	6,643	HV3	27.81	364	93.6	575	24.0	
30	1800	286T	**EM4104T-5G**	7,764	HV3	27.81	423	93.6	575	29.0	
40	1800	324T	**EM4110T-5G**	10,092	HV3	30.28	576	94.1	575	39.0	
50	1800	326T	**EM4115T-5G**	10,959	HV3	30.28	644	94.5	575	46.0	

Cast iron frame

HVAC, NEMA Premium, three phase, TEFC, foot mounted, F2, shaft grounding ring



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
2	3600	145T	**EFM3555T-G**	1,582	HV3	13.29	46	85.5	230/460	2.5	30
	1800	145T	**EFM3558T-G**	1,526	HV3	13.29	42	86.5	230/460	2.8	30
3	3600	145T	**EFM3559T-G**	1,708	HV3	14.17	53	86.5	230/460	3.6	30
7 1/2	3600	184T	**EFM3616T-G**	2,618	HV3	18.04	98	89.5	230/460	8.4	1, 30
	1800	213T	**EFM3710T-G**	2,547	HV3	19.01	130	91.7	230/460	9.5	30
		213T	**EFM3770T-G**	3,168	HV3	18.45	193	91.7	230/460	9.5	30
10	3600	215T	**EFM3711T-G**	2,809	HV3	17.89	118	90.2	230/460	11.6	30
	1800	215T	**EFM3714T-G**	2,829	HV3	20.51	156	91.7	230/460	12.5	30
15	3600	215T	**EFM3713T-G**	4,091	HV3	20.52	172	91.0	230/460	17.0	1, 30

Cast iron frame

HVAC, NEMA Premium, three phase, TEFC, C-face foot mounted, shaft grounding ring



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1	3600	56C	**CEM3545-G**	1,494	HV3	12.23	32	77.0	230/460	1.4	12, 30
	1800	143TC	**CEM3546T-G**	1,711	HV3	13.29	30	85.5	230/460	1.6	30
	1200	145TC	**CEM3556T-G**	1,915	HV3	13.29	43	82.5	230/460	1.5	30
1 1/2	3600	143TC	**CEM3550T-G**	1,688	HV3	13.29	36	84.0	230/460	1.9	30
	1800	145TC	**CEM3554T-G**	1,866	HV3	13.29	42	86.5	230/460	2.3	30
	1200	182TC	**CEM3607T-G**	2,263	HV3	16.55	76	87.5	230/460	2.4	30
2	3600	145TC	**CEM3555T-G**	1,820	HV3	13.29	46	85.5	230/460	2.5	30
	1800	145TC	**CEM3558T-G**	1,956	HV3	13.29	42	86.5	230/460	2.8	30
	1200	184TC	**CEM3614T-G**	2,353	HV3	18.05	94	88.5	230/460	3.2	30
3	3600	145TC	**CEM3559T-G**	2,277	HV3	14.17	53	86.5	230/460	3.6	30
		182TC	**CEM3610T-G**	2,420	HV3	16.54	64	87.5	230/460	3.5	30
	1800	182TC	**CEM3611T-G**	2,075	HV3	16.55	74	89.5	230/460	4.2	30
	1200	213TC	**CEM3704T-G**	3,073	HV3	19.78	135	89.5	230/460	4.6	30
5	3600	184TC	**CEM3613T-G**	2,241	HV3	16.55	76	88.5	230/460	5.9	30
	1800	184TC	**CEM3615T-G**	2,129	HV3	18.05	92	89.5	230/460	6.7	30
	1200	215TC	**CEM3708T-G**	3,404	HV3	19.20	154	89.5	230/460	7.1	30
7 1/2	3600	213TC	**CEM3709T-G**	3,292	HV3	18.63	133	89.5	230/460	9.0	30
	1800	213TC	**CEM3710T-G**	3,028	HV3	19.78	129	91.7	230/460	9.5	30
	1200	254TC	**CEM2276T-G**	6,142	HV3	23.86	302	91.0	230/460	11.0	30
10	3600	215TC	**CEM3711T-G**	3,330	HV3	18.63	118	90.2	230/460	11.6	30
	1800	215TC	**CEM3714T-G**	3,353	HV3	21.26	156	91.7	230/460	12.0	30
	1200	256TC	**CEM2332T-G**	6,822	HV3	23.86	322	91.0	230/460	14.1	30
15	3600	254TC	**CEM2394T-G**	6,086	HV3	23.86	271	91.0	230/460	17.5	30
	1800	254TC	**CEM2333T-G**	5,681	HV3	23.86	302	92.4	230/460	18.1	30
	1200	284TC	**CEM4100T-G**	9,070	HV3	27.81	369	91.7	230/460	21.0	30
20	3600	256TC	**CEM4106T-G**	6,552	HV3	23.86	271	91.0	230/460	23.0	30
	1800	256TC	**CEM2334T-G**	6,610	HV3	23.86	323	93.0	230/460	24.0	30
	1200	286TC	**CEM4102T-G**	11,505	HV3	27.81	393	91.7	230/460	27.0	30
25	3600	284TSC	**CEM4107T-G**	8,558	HV3	26.43	323	91.7	230/460	28.0	30
	1800	284TC	**CEM4103T-G**	8,648	HV3	27.81	420	93.6	230/460	31.0	30
	1200	324TC	**CEM4111T-G**	13,022	HV3	30.50	507	93.0	230/460	32.0	30
30	3600	286TSC	**CEM4108T-G**	9,844	HV3	26.43	419	91.7	230/460	34.0	30
	1800	286TC	**CEM4104T-G**	9,938	HV3	27.81	410	93.6	230/460	38.0	30
	1200	326TC	**CEM4117T-G**	14,741	HV3	30.50	604	93.0	230/460	39.0	30
40	3600	324TSC	**CEM4109T-G**	13,083	HV3	29.00	532	92.4	230/460	44.0	30
	1800	324TC	**CEM4110T-G**	12,696	HV3	30.50	579	94.1	230/460	48.0	30
50	3600	326TSC	**CEM4114T-G**	14,156	HV3	29.00	648	93.0	230/460	55.0	30
	1800	326TC	**CEM4115T-G**	13,692	HV3	30.50	648	94.5	230/460	58.0	30
60	3600	364TSC	**CEM4310T-G**	19,294	HV3	31.31	900	93.6	230/460	67.2	30
	1800	364TC	**CEM4314T-G**	19,078	HV3	33.43	907	95.0	230/460	70.0	30
75	3600	365TSC	**CEM4313T-G**	22,087	HV3	31.31	966	94.1	230/460	82.4	30

Cast iron frame

HVAC, NEMA Premium, three phase, TEFC, C-face foot mounted, shaft grounding ring

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
75	1800	365TC	**CEM4316T-G**	21,939	HV3	33.43	954	95.4	230/460	86.0	30
100	1800	405TC	**CEM4400T-G**	29,877	HV3	38.19	1214	95.4	230/460	113.0	30

Cast iron frame

HVAC, NEMA Premium, three phase, ODP, foot mounted, shaft grounding ring



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
200 volt											
1	1800	143T	**EM3116T-8G**	1,444	HV3	11.12	38	85.5	200	3.6	
1 1/2	1800	145T	**EM3154T-8G**	1,497	HV3	11.62	37	86.5	200	4.9	
2	1800	145T	**EM3157T-8G**	1,584	HV3	12.13	43	86.5	200	6.7	
3	1800	182T	**EM3211T-8G**	1,737	HV3	15.00	74	89.5	200	9.7	
5	1800	184T	**EM3218T-8G**	1,872	HV3	16.50	92	89.5	200	15.3	
7 1/2	1800	213T	**EM3311T-8G**	2,638	HV3	16.32	120	91.0	200	23.3	
10	1800	215T	**EM3313T-8G**	3,117	HV3	17.45	132	91.7	200	29.5	
15	1800	254T	**EM2513T-8G**	4,380	HV3	23.19	234	93.0	200	41.0	
20	1800	256T	**EM2515T-8G**	4,759	HV3	23.19	250	93.0	200	55.0	
25	1800	284T	**EM2531T-8G**	5,834	HV3	25.06	330	93.6	200	70.0	
30	1800	286T	**EM2535T-8G**	6,322	HV3	26.06	340	94.1	200	83.0	
40	1800	324T	**EM2539T-8G**	8,187	HV3	27.19	390	94.1	200	109.0	
230/460 volt											
	3600	56	**EM31115-G**	1,158	HV3	11.07	27	80.0	230/460	1.5	12, 15, 30
1	1800	143T	**EM3116T-G**	1,444	HV3	11.13	34	85.5	230/460	1.6	30
	1200	145T	**EM3156T-G**	1,470	HV3	12.13	40	82.5	230/460	1.5	30
1 1/2	3600	143T	**EM3120T-G**	1,281	HV3	11.13	34	84.0	230/460	2.0	30
	1800	145T	**EM3154T-G**	1,497	HV3	11.62	38	86.5	230/460	2.3	30
	3600	143T	**EM3155T-G**	1,456	HV3	11.63	41	85.5	230/460	2.5	30
2	1800	145T	**EM3157T-G**	1,584	HV3	12.13	41	86.5	230/460	2.8	30
	1200	184T	**EM3215T-G**	1,757	HV3	16.50	79	87.5	230/460	3.4	30
	3600	145T	**EM3158T-G**	1,470	HV3	13.00	46	85.5	230/460	3.8	30
3	1800	182T	**EM3211T-G**	1,737	HV3	15.00	72	89.5	230/460	4.2	30
	1200	213T	**EM3305T-G**	2,187	HV3	16.32	110	88.5	230/460	4.5	30
	3600	182T	**EM3212T-G**	1,632	HV3	13.62	63	86.5	230/460	5.9	30
5	1800	184T	**EM3218T-G**	1,872	HV3	16.50	84	89.5	230/460	6.6	30
	1200	215T	**EM3309T-G**	2,753	HV3	17.45	141	89.5	230/460	7.4	30
	3600	184T	**EM3219T-G**	2,398	HV3	15.00	75	88.5	230/460	8.7	30
7 1/2	1800	213T	**EM3311T-G**	2,638	HV3	16.32	115	91.0	230/460	9.8	30
	1200	254T	**EM2506T-G**	3,346	HV3	23.19	238	90.2	230/460	11.4	30
	3600	213T	**EM3312T-G**	2,735	HV3	16.32	113	90.2	230/460	12.0	30
10	1800	215T	**EM3313T-G**	3,117	HV3	17.45	148	91.7	230/460	12.5	30
	1200	256T	**EM2511T-G**	4,209	HV3	23.19	256	91.7	230/460	14.3	30
	3600	215T	**EM3314T-G**	3,731	HV3	16.32	126	90.2	230/460	17.5	30
15	1800	254T	**EM2513T-G**	4,380	HV3	23.19	240	93.0	230/460	18.2	30
	1200	284T	**EM2524T-G**	5,645	HV3	23.81	280	91.7	230/460	20.5	30
	3600	254T	**EM2514T-G**	4,438	HV3	21.69	195	91.0	230/460	23.5	30
20	1800	256T	**EM2515T-G**	4,759	HV3	23.19	227	93.0	230/460	24.0	30
	1200	286T	**EM2528T-G**	6,735	HV3	25.06	299	92.4	230/460	27.0	30
	3600	256T	**EM2516T-G**	5,231	HV3	21.69	212	91.7	230/460	28.0	30
25	1800	284T	**EM2531T-G**	5,834	HV3	25.06	377	93.6	230/460	30.0	30
	1200	324T	**EM2532T-G**	8,136	HV3	27.69	384	93.0	230/460	34.0	30

HVAC, NEMA Premium, three phase, ODP, foot mounted, shaft grounding ring

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
30	3600	284TS	**EM2534T-G**	6,226	HV3	22.44	310	91.7	230/460	35.0	30
	1800	286T	**EM2535T-G**	6,322	HV3	26.06	370	94.1	230/460	37.0	30
	1200	326T	**EM2536T-G**	8,454	HV3	28.69	457	93.6	230/460	39.0	30
40	3600	286TS	**EM2538T-G**	7,841	HV3	22.44	328	92.4	230/460	46.0	30
	1800	324T	**EM2539T-G**	8,187	HV3	27.19	395	94.1	230/460	49.0	30
	1200	364T	**EM2540T-G**	11,807	HV3	30.69	606	94.1	230/460	51.0	30
50	3600	324TS	**EM2542T-G**	8,615	HV3	25.69	375	93.0	230/460	56.0	30
	1800	326T	**EM2543T-G**	8,956	HV3	27.69	473	94.5	230/460	57.0	30
60	1800	364T	**EM2547T-G**	11,719	HV3	30.69	616	95.0	230/460	68.0	30
75	1800	365T	**EM2551T-G**	14,067	HV3	33.72	750	95.0	230/460	85.0	30
460 volt											
100	1800	404T	**EM2555T-4G**	16,727	HV3	36.97	898	95.4	460	118.0	
575 volt											
1	1800	143T	**EM3116T-5G**	1,444	HV3	11.62	38	85.5	575	1.3	
1 1/2	1800	145T	**EM3154T-5G**	1,497	HV3	11.62	37	86.5	575	1.7	
2	1800	145T	**EM3157T-5G**	1,584	HV3	12.13	43	86.5	575	2.2	
3	1800	182T	**EM3211T-5G**	1,737	HV3	15.00	74	89.5	575	3.4	
5	1800	184T	**EM3218T-5G**	1,872	HV3	16.50	92	89.5	575	5.3	
7 1/2	1800	213T	**EM3311T-5G**	2,638	HV3	16.32	114	91.0	575	8.0	
10	1800	215T	**EM3313T-5G**	3,117	HV3	17.45	132	91.7	575	10.0	
15	1800	254T	**EM2513T-5G**	4,380	HV3	23.19	210	93.0	575	14.2	
20	1800	256T	**EM2515T-5G**	4,759	HV3	23.19	250	93.0	575	19.1	
25	1800	284T	**EM2531T-5G**	5,834	HV3	25.06	326	93.6	575	24.5	
30	1800	286T	**EM2535T-5G**	6,322	HV3	26.06	340	94.1	575	29.0	
40	1800	324T	**EM2539T-5G**	8,187	HV3	27.19	393	94.1	575	40.0	

HVAC, NEMA Premium, three phase, ODP, foot mounted, F2, shaft grounding ring



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1	1800	143T	**EFM3116T-G**	1,444	HV3	11.13	34	85.5	230/460	1.6	30
1 1/2	1800	145T	**EFM3154T-G**	1,497	HV3	11.62	38	86.5	230/460	2.3	30
2	3600	143T	**EFM3155T-G**	1,456	HV3	11.63	41	85.5	230/460	2.5	30
	1800	145T	**EFM3157T-G**	1,584	HV3	12.13	41	86.5	230/460	2.8	30
3	3600	145T	**EFM3158T-G**	1,470	HV3	13.00	46	85.5	230/460	3.8	30
	1800	182T	**EFM3211T-G**	1,737	HV3	15.00	72	89.5	230/460	4.2	30
5	3600	182T	**EFM3212T-G**	1,632	HV3	13.62	63	86.5	230/460	5.9	30
7 1/2	1800	213T	**EFM3311T-G**	2,638	HV3	16.32	115	91.0	230/460	9.8	30
10	1800	215T	**EFM3313T-G**	3,117	HV3	17.45	148	91.7	230/460	12.5	30
15	1800	254T	**EFM2513T-G**	4,380	HV3	23.19	240	93.0	230/460	18.2	30
20	1800	256T	**EFM2515T-G**	4,759	HV3	23.19	227	93.0	230/460	24.0	30
25	1800	284T	**EFM2531T-G**	5,834	HV3	25.06	377	93.6	230/460	30.0	30
30	1800	286T	**EFM2535T-G**	6,322	HV3	26.06	370	94.1	230/460	37.0	30
40	1800	324T	**EFM2539T-G**	8,187	HV3	27.19	395	94.1	230/460	49.0	30
50	1800	326T	**EFM2543T-G**	8,956	HV3	27.69	473	94.5	230/460	57.0	30

HVAC, NEMA Premium, three phase, ODP, C-face foot mounted, shaft grounding ring



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
	3600	56C	**CEM31115-G**	1,317	HV3	11.07	37	78.5	230/460	1.5	12, 15, 30
1	1800	143TC	**CEM3116T-G**	1,597	HV3	11.62	34	85.5	230/460	1.6	30
	1200	145TC	**CEM3156T-G**	1,627	HV3	12.12	40	82.5	230/460	1.5	30
	3600	143TC	**CEM3120T-G**	1,410	HV3	11.62	34	84.0	230/460	2.0	30
1 1/2	1800	145TC	**CEM3154T-G**	1,657	HV3	12.12	38	86.5	230/460	2.1	30
	1200	182TC	**CEM3207T-G**	1,882	HV3	15.00	68	86.5	230/460	2.5	30
	3600	143TC	**CEM3155T-G**	1,610	HV3	11.62	41	85.5	230/460	2.5	30
2	1800	145TC	**CEM3157T-G**	1,759	HV3	12.12	41	86.5	230/460	2.8	30
	1200	184TC	**CEM3215T-G**	1,918	HV3	16.50	82	87.5	230/460	3.4	30
	3600	145TC	**CEM3158T-G**	1,627	HV3	13.00	51	85.5	230/460	3.8	30
3	1800	182TC	**CEM3211T-G**	1,895	HV3	15.00	72	89.5	230/460	4.2	30
	1200	213TC	**CEM3305T-G**	2,384	HV3	17.07	131	88.5	230/460	4.5	30
	3600	182TC	**CEM3212T-G**	1,773	HV3	13.62	63	86.5	230/460	6.0	30
5	1800	184TC	**CEM3218T-G**	2,050	HV3	16.50	84	89.5	230/460	6.6	30
	1200	215TC	**CEM3309T-G**	3,036	HV3	18.19	141	89.5	230/460	7.4	30
	3600	184TC	**CEM3219T-G**	2,654	HV3	15.00	77	88.5	230/460	8.6	30
7 1/2	1800	213TC	**CEM3311T-G**	2,905	HV3	17.07	130	91.0	230/460	9.7	30
	1200	254TC	**CEM2506T-G**	3,647	HV3	23.19	241	90.2	230/460	11.0	30
	3600	213TC	**CEM3312T-G**	3,015	HV3	17.07	121	89.5	230/460	12.0	30
10	1800	215TC	**CEM3313T-G**	3,455	HV3	18.19	148	91.7	230/460	12.5	30
	1200	256TC	**CEM2511T-G**	4,640	HV3	23.19	255	91.7	230/460	14.3	30
	3600	215TC	**CEM3314T-G**	4,161	HV3	17.07	131	90.2	230/460	17.5	30
15	1800	254TC	**CEM2513T-G**	4,836	HV3	23.19	251	93.0	230/460	18.2	30
	1200	284TC	**CEM2524T-G**	6,226	HV3	23.81	297	91.7	230/460	20.5	30
	3600	254TC	**CEM2514T-G**	4,904	HV3	21.69	185	91.0	230/460	23.5	30
20	1800	256TC	**CEM2515T-G**	5,273	HV3	23.19	250	93.0	230/460	24.0	30
	1200	286TC	**CEM2528T-G**	7,479	HV3	25.06	369	92.4	230/460	27.0	30
	3600	256TC	**CEM2516T-G**	7,002	HV3	21.69	233	91.7	230/460	28.0	30
25	1800	284TC	**CEM2531T-G**	7,746	HV3	25.06	314	93.6	230/460	30.0	30
	1200	324TC	**CEM2532T-G**	8,976	HV3	27.69	383	93.0	230/460	34.0	30
	3600	284TSC	**CEM2534T-G**	6,895	HV3	22.44	320	91.7	230/460	35.0	30
30	1800	286TC	**CEM2535T-G**	8,429	HV3	26.06	340	94.1	230/460	37.0	30
	1200	326TC	**CEM2536T-G**	9,342	HV3	28.69	482	93.6	230/460	39.0	30
40	3600	286TSC	**CEM2538T-G**	8,752	HV3	22.44	328	92.4	230/460	46.0	30
	1800	324TC	**CEM2539T-G**	9,035	HV3	29.00	392	94.1	230/460	49.0	30
50	3600	324TSC	**CEM2542T-G**	9,526	HV3	25.68	392	93.0	230/460	56.0	30
	1800	326TC	**CEM2543T-G**	9,920	HV3	27.69	497	94.5	230/460	57.0	30
60	3600	326TSC	**CEM2546T-G**	11,927	HV3	25.19	489	93.6	230/460	68.0	30
	1800	364TC	**CEM2547T-G**	12,772	HV3	30.69	565	95.0	230/460	68.0	30
75	3600	364TSC	**CEM2549T-G**	15,899	HV3	25.81	472	93.6	230/460	84.0	30
	1800	365TC	**CEM2551T-G**	15,474	HV3	33.72	597	95.0	230/460	85.0	30
100	3600	365TSC	**CEM2550T-4G**	22,069	HV3	27.81	589	93.6	230/460	110.0	30

Chiller/cooling tower

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
- 100% copper windings on all ratings

Applications

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

Chiller/cooling tower, three phase, TEAO, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
3	1500	213TZ	**ECTM3611T-57**	2,462	HV3	16.32	116	87.5	230/380-415	4.8	
	1200	213TZ	**ECTM3704T**	2,035	HV3	17.45	140	89.5	230/460	4.6	
5	1800	184T	**CTM3665T**	1,803	HV3	13.68	100	87.5	208-230/460	7.2	
		184T	**ECTM3665T**	2,040	HV3	13.68	108	89.5	208-230/460	6.6	
	1500	213TZ	**ECTM3615T-57**	2,971	HV3	17.45	134	88.5	230/380-415	7.4	
	1200	213TZ	**ECTM3708T**	2,447	HV3	18.95	185	89.5	230/460	7.2	
		215T	**CTM3768T**	2,733	HV3	19.54	206	87.5	208-230/460	7.7	
		215T	**ECTM3768T**	3,241	HV3	19.54	227	90.2	230/460	7.3	30
7 1/2	1800	213T	**CTM3770T**	2,401	HV3	19.54	164	89.5	208-230/460	10.0	
		213T	**ECTM3770T**	2,722	HV3	19.54	170	91.7	230/460	9.5	
	1200	254T	**CTM2276T**	3,335	HV3	22.16	179	89.5	208-230/460	10.9	
		254T	**ECTM2276T**	4,614	HV3	23.09	290	91.0	230/460	11.0	30
10	1800	213T	**ECTM3774T**	3,652	HV3	19.54	231	91.7	208-230/460	12.3	
		215T	**CTM3774T**	3,064	HV3	19.54	170	89.5	208-230/460	13.5	
	1200	256T	**CTM2332T**	3,712	HV3	23.09	275	89.5	230/460	14.4	30
		256T	**ECTM2332T**	5,271	HV3	23.09	297	91.0	230/460	14.1	30
15	1800	254T	**CTM2333T**	4,071	HV3	22.16	236	91.0	208-230/460	19.0	
		254T	**ECTM2333T**	4,848	HV3	23.09	278	92.4	230/460	18.1	30
	1200	284T	**ECTM4100T**	7,028	HV3	25.71	345	91.7	230/460	21.0	30
20	1800	256T	**CTM2334T**	4,538	HV3	23.91	245	91.0	230/460	25.0	30
		256T	**ECTM2334T**	5,408	HV3	23.09	293	93.0	230/460	24.0	30

Cast iron frame

Chiller/cooling tower, three phase, TEAO, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
25	1800	284T	**CTM4103T**	5,502	HV3	25.87	343	92.4	230/460	29.0	30
		284T	**ECTM4103T**	6,656	HV3	25.71	378	93.6	230/460	31.0	30
30	1800	286T	**CTM4104T**	6,603	HV3	25.87	406	92.4	230/460	36.0	30
		286T	**ECTM4104T**	7,899	HV3	25.71	410	93.6	230/460	38.0	30
40	1800	324T	**CTM4110T**	8,783	HV3	28.38	529	93.0	230/460	47.0	30
		324T	**ECTM4110T**	10,330	HV3	28.38	552	94.1	230/460	48.0	30
50	1800	326T	**ECTM4115T**	12,350	HV3	28.38	598	94.5	230/460	58.0	30
60	1800	364T	**ECTM4314T**	16,241	HV3	29.70	835	95.0	230/460	70.0	30

Cast iron frame

Chiller/cooling tower, three phase, TEAO, foot mounted, shaft grounding ring



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
3	1800	184T	**ECTM3611T-G-AO**	2,499	HV3	18.02	73	89.5	208-230/460	4.2	
	1200	213T	**ECTM3704T-G-AO**	2,904	HV3	20.18	138	89.5	230/460	4.6	
5	1800	182T	**ECTM3615T-G-AO**	3,016	HV3	19.52	93	89.5	230/460	6.7	
		184T	**ECTM3665T-G-AO**	2,918	HV3	15.34	115	89.5	230/460	6.6	
	1200	213T	**ECTM3708T-G-AO**	3,115	HV3	21.68	185	89.5	230/460	7.2	
		215T	**ECTM3768T-G-AO**	3,290	HV3	19.62	198	89.5	230/460	7.4	
7 1/2	1800	215T	**ECTM3770T-G-AO**	2,764	HV3	19.62	198	91.7	230/460	9.5	
	1200	254T	**ECTM2276T-G-AO**	4,685	HV3	23.09	302	91.0	230/460	11.0	
10	1800	215T	**ECTM3774T-G-AO**	3,708	HV3	19.62	231	91.7	230/460	12.3	
	1200	256T	**ECTM2332T-G-AO**	5,352	HV3	23.09	322	91.0	230/460	14.1	30
15	1800	254T	**ECTM2333T-G-AO**	4,921	HV3	23.09	268	92.4	230/460	18.1	
	1200	284T	**ECTM4100T-G-AO**	7,135	HV3	25.71	391	91.7	230/460	21.0	30
20	1800	256T	**ECTM2334T-G-AO**	5,489	HV3	23.09	322	93.0	230/460	24.0	30
25	1800	284T	**ECTM4103T-G-AO**	6,757	HV3	25.71	437	93.6	230/460	31.0	30
30	1800	286T	**ECTM4104T-G-AO**	8,018	HV3	25.71	437	93.6	230/460	38.0	30
40	1800	324T	**ECTM4110T-G-AO**	10,485	HV3	28.23	578	94.1	230/460	48.0	30
50	1800	326T	**ECTM4115T-G-AO**	12,536	HV3	28.23	700	94.5	230/460	58.0	30
60	1800	364T	**ECTM4314T-G-AO**	16,487	HV3	29.96	952	95.0	230/460	70.0	30

Cast iron frame

Chiller/cooling tower, three phase, TEFC, foot mounted, shaft grounding ring



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1	1800	143T	**ECTM3581T-G**	2,311	HV3	12.82	56	85.5	230/460	1.6	
	1200	145T	**ECTM3582T-G**	2,804	HV3	12.82	56	82.5	230/460	1.7	
1 1/2	1800	145T	**ECTM3584T-G**	2,586	HV3	12.82	61	86.5	230/460	2.2	
	1200	182T	**ECTM3667T-G**	3,281	HV3	15.93	99	87.5	230/460	2.5	
2	1800	145T	**ECTM3587T-G**	2,701	HV3	12.82	61	86.5	230/460	2.8	
	1200	184T	**ECTM3664T-G**	3,323	HV3	15.93	113	88.5	230/460	3.2	
3	1800	182T	**ECTM3661T-G**	3,416	HV3	15.93	105	89.5	230/460	4.1	
	1200	213T	**ECTM3764T-G**	4,795	HV3	19.58	211	89.5	230/460	4.5	
5	1800	184T	**ECTM3665T-G**	3,476	HV3	15.93	115	89.5	230/460	6.6	
	1200	215T	**ECTM3768T-G**	4,860	HV3	19.58	198	89.5	230/460	7.4	
7 1/2	1800	213T	**ECTM3770T-G**	4,377	HV3	19.58	198	91.7	230/460	9.5	
	1200	254T	**ECTM2276T-G**	6,952	HV3	23.55	302	91.0	230/460	11.0	
10	1800	215T	**ECTM3774T-G**	5,240	HV3	19.58	231	91.7	230/460	12.3	
	1200	256T	**ECTM2332T-G**	9,032	HV3	23.55	322	91.0	230/460	14.1	
15	1800	254T	**ECTM2333T-G**	6,678	HV3	23.55	268	92.4	230/460	18.1	
	1200	284T	**ECTM4100T-G**	10,355	HV3	27.57	391	91.7	230/460	21.0	
20	1800	256T	**ECTM2334T-G**	7,161	HV3	23.55	322	93.0	230/460	24.0	
	1200	286T	**ECTM4102T-G**	14,069	HV3	27.57	437	91.7	230/460	27.0	
25	1800	284T	**ECTM4103T-G**	9,371	HV3	27.57	437	93.6	230/460	31.0	
	1200	324T	**ECTM4111T-G**	14,702	HV3	30.34	605	93.0	230/460	32.0	
30	1800	286T	**ECTM4104T-G**	11,126	HV3	27.57	437	93.6	230/460	38.0	
	1200	326T	**ECTM4117T-G**	18,952	HV3	30.34	640	93.0	230/460	39.0	
40	1800	326T	**ECTM4110T-G**	14,557	HV3	30.34	578	94.1	230/460	48.0	
	1200	364T	**ECTM4308T-G**	23,163	HV3	33.78	908	94.1	230/460	49.8	
50	1800	326T	**ECTM4115T-G**	17,086	HV3	30.34	700	94.5	230/460	58.0	
	1200	364T	**ECTM4312T-G**	27,427	HV3	33.78	908	94.1	230/460	61.7	
60	1800	364T	**ECTM4314T-G**	24,392	HV3	33.78	952	95.0	230/460	70.0	
	1200	405T	**ECTM4403T-G**	34,368	HV3	38.19	1322	95.0	230/460	69.0	
75	1800	364T	**ECTM4316T-G**	28,065	HV3	33.78	965	95.4	230/460	87.0	
	1200	405T	**ECTM4404T-G**	41,826	HV3	38.19	1322	95.0	230/460	86.9	
100	1800	405T	**ECTM4400T-4G**	36,861	HV3	38.19	1326	95.4	460	112.0	
	1200	444T	**ECTM4409T-4G**	46,005	HV3	44.96	1625	95.0	460	119.0	
575 volt											
1	1800	143T	**ECTM3581T-5G**	2,311	HV3	12.82	56	85.5	575	1.2	
	1200	145T	**ECTM3582T-5G**	2,804	HV3	12.82	56	82.5	575	1.3	
1.5	1800	145T	**ECTM3584T-5G**	2,586	HV3	12.82	61	86.5	575	1.8	
1 1/2	1200	182T	**ECTM3667T-5G**	3,281	HV3	15.93	99	87.5	575	2.0	
2	1800	145T	**ECTM3587T-5G**	2,701	HV3	12.82	62	86.5	575	2.2	
	1200	184T	**ECTM3664T-5G**	3,323	HV3	15.93	113	88.5	575	2.5	
3	1800	182T	**ECTM3661T-5G**	3,416	HV3	15.93	105	89.5	575	3.3	
	1200	213T	**ECTM3764T-5G**	4,795	HV3	19.58	211	89.5	575	3.6	

Cast iron frame

Chiller/cooling tower, three phase, TEFC, foot mounted, shaft grounding ring

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
575 volt											
5	1800	184T	**ECTM3665T-5G**	3,476	HV3	15.93	115	89.5	575	5.3	
	1200	215T	**ECTM3768T-5G**	4,860	HV3	19.58	198	89.5	575	6.1	
7 1/2	1800	213T	**ECTM3770T-5G**	4,377	HV3	19.58	198	91.7	575	7.5	
7.5	1200	254T	**ECTM2276T-5G**	6,952	HV3	23.55	302	91.0	575	8.7	
10	1800	215T	**ECTM3774T-5G**	5,240	HV3	19.58	231	91.7	575	9.8	
	1200	256T	**ECTM2332T-5G**	9,032	HV3	23.55	322	91.7	575	11.4	
15	1800	254T	**ECTM2333T-5G**	6,678	HV3	23.55	268	92.4	575	14.6	
	1200	284T	**ECTM4100T-5G**	10,355	HV3	27.57	391	91.7	575	16.0	
20	1800	256T	**ECTM2334T-5G**	7,161	HV3	23.55	322	93.0	575	19.2	
	1200	286T	**ECTM4102T-5G**	14,069	HV3	27.57	437	91.7	575	22.0	
25	1800	284T	**ECTM4103T-5G**	9,371	HV3	27.57	437	93.6	575	24.0	
	1200	324T	**ECTM4111T-5G**	14,702	HV3	30.34	605	93.0	575	25.7	
30	1800	286T	**ECTM4104T-5G**	11,126	HV3	27.57	437	93.6	575	29.0	
	1200	326T	**ECTM4117T-5G**	18,952	HV3	30.34	640	93.0	575	30.9	
40	1800	324T	**ECTM4110T-5G**	14,557	HV3	30.34	578	94.1	575	39.0	
	1200	364T	**ECTM4308T-5G**	23,163	HV3	33.78	908	94.1	575	39.5	
50	1800	326T	**ECTM4115T-5G**	17,086	HV3	30.34	700	94.5	575	46.0	
	1200	364T	**ECTM4312T-5G**	27,427	HV3	33.78	908	94.1	575	49.3	
60	1800	364T	**ECTM4314T-5G**	24,392	HV3	33.78	952	95.0	575	55.0	
	1200	405T	**ECTM4403T-5G**	34,368	HV3	38.19	1322	95.0	575	55.2	
75	1800	364T	**ECTM4316T-5G**	28,065	HV3	33.78	965	95.4	575	69.0	
	1200	405T	**ECTM4404T-5G**	41,826	HV3	38.19	1322	95.0	575	69.5	

Cast iron frame

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



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes
Variable torque, one winding										
460										
10/2.5	1800/900	213T	**CTM1760T**	5,689	HV3	19.32	210	460	4.8	
15/3.75	1800/900	254T	**CTM1761T**	7,214	HV3	24.78	290	460	7.8	
20/5	1800/900	256T	**CTM1762T**	8,716	HV3	24.78	299	460	9.3	
25/6.25	1800/900	284T	**CTM1763T**	10,140	HV3	27.93	342	460	12.0	
30/7.5	1800/900	286T	**CTM1764T**	11,640	HV3	28.00	333	460	13.0	
40/10	1800/900	324T	**CTM1765T**	15,281	HV3	30.28	619	460	18.6	
50/12.5	1800/900	326T	**CTM1766T**	18,029	HV3	30.28	657	460	28.0	
60/15	1800/900	364T	**CTM1767T**	26,111	HV3	33.44	836	460	24.1	

Cast iron frame

GNEM, HVAC General Purpose, open, with internal Shaft Grounding Ring

1 thru 20 Hp (.75 - 15kW)

SHAFT GROUNDING RING INSTALLED

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
- 100% copper windings on all ratings
- CE certified and compliant to EU efficiency regulations

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

GNEM, HVAC General Purpose, three phase, ODP, foot mounted, with internal shaft grounding ring



kW/Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
190/380V 50Hz // 208-230/460V 60Hz											
0.75//1	1500//1800	56	GNEM31116-G	1,556	HV3	11.56	37	85.5	190/380//208-230/460	1.7	
		143T	GNEM3116T-G	1,661	HV3	11.62	37	85.5	190/380//208-230/460	1.7	
	1000//1200	56	GNEM31156-G	2,090	HV3	12.06	41	82.5	190/380//208-230/460	1.8	
		145T	GNEM3156T-G	2,126	HV3	12.13	41	82.5	190/380//208-230/460	1.8	
1.1//1-1/2	1500//1800	56	GNEM31154-G	1,722	HV3	12.06	41	86.5	190/380//208-230/460	2.3	
		145T	GNEM3154T-G	1,722	HV3	12.13	41	86.5	190/380//208-230/460	2.3	
	1000//1200	182T	GNEM3207T-G	2,244	HV3	15.00	68	86.5	190/380//208-230/460	2.5	
1.5//2	1500//1800	56	GNEM31157-G	1,737	HV3	12.94	48	86.5	190/380//208-230/460	2.8	
		145T	GNEM3157T-G	1,822	HV3	12.13	48	86.5	190/380//208-230/460	2.8	
	1000//1200	184T	GNEM3215T-G	2,284	HV3	16.50	82	87.5	190/380//208-230/460	3.4	
2.2//3	1500//1800	182T	GNEM3211T-G	2,000	HV3	16.50	88	90.2	190/380//208-230/460	4.4	
	1000//1200	213T	GNEM3305T-G	2,843	HV3	16.32	110	88.5	190/380//208-230/460	4.5	
3.7//5	1500//1800	184T	GNEM3218T-G	2,155	HV3	16.50	99	90.2	190/380//208-230/460	6.8	
	1000//1200	215T	GNEM3309T-G	3,579	HV3	17.45	141	89.5	190/380//208-230/460	7.4	
5.5//7-1/2	1500//1800	213T	GNEM3311T-G	3,036	HV3	17.45	140	91.7	190/380//208-230/460	9.7	
5//7-1/2	1000//1200	254T	GNEM2506T-G	4,350	HV3	23.19	248	90.2	190/380//208-230/460	16.5	
7.5//10	1500//1800	215T	GNEM3313T-G	3,585	HV3	18.20	143	91.7	190/380//208-230/460	13.4	
	1000//1200	256T	GNEM2511T-G	5,472	HV3	24.19	288	91.7	190/380//208-230/460	15.5	
11//15	1500//1800	254T	GNEM2513T-G	5,037	HV3	23.19	250	93.0	190/380//208-230/460	19.0	
	1000//1200	284T	GNEM2524T-G	7,339	HV3	25.06	369	91.7	190/380//208-230/460	21.0	
15//20	1500//1800	256T	GNEM2515T-G	6,187	HV3	23.19	290	93.0	190/380//208-230/460	25.0	
	1000//1200	286T	GNEM2528T-G	8,756	HV3	26.06	375	92.4	190/380//208-230/460	29.0	

Red catalog number indicates **NEW** product

GNEM, HVAC General Purpose, enclosed, with internal shaft grounding ring

1 thru 20 Hp (.75 - 15kW)

SHAFT GROUNDING RING INSTALLED

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
- 100% copper windings on all ratings
- CE certified and compliant to EU efficiency regulations

Applications

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

GNEM, HVAC General Purpose, three phase,TEFC, foot mounted, with internal shaft grounding ring



kW/Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
190/380V 50Hz // 208-230/460V 60Hz											
0.75//1	1500//1800	56	GNEM3546-G	1,651	HV3	13.23	37	85.5	190/380//208-230/460	1.7	
		143T	GNEM3546T-G	1,651	HV3	13.28	37	85.5	190/380//208-230/460	1.7	
	1000//1200	56	GNEM3556-G	2,166	HV3	13.23	41	82.5	190/380//208-230/460	1.8	
		145T	GNEM3556T-G	2,166	HV3	13.28	41	82.5	190/380//208-230/460	1.8	
1.1//1-1/2	1500//1800	56	GNEM3554-G	1,704	HV3	13.23	41	86.5	190/380//208-230/460	2.3	
		145T	GNEM3554T-G	1,704	HV3	13.28	41	86.5	190/380//208-230/460	2.3	
	1000//1200	182T	GNEM3607T-G	2,539	HV3	18.04	90	87.5	190/380//208-230/460	2.5	
		182T	GNEM3667T-G	3,026	HV3	15.23	105	87.5	190/380//208-230/460	2.5	
1.5//2	1500//1800	56	GNEM3558-G	1,755	HV3	14.11	48	86.5	190/380//208-230/460	2.8	
		145T	GNEM3558T-G	1,755	HV3	14.16	48	86.5	190/380//208-230/460	2.8	
	1000//1200	184T	GNEM3614T-G	2,642	HV3	18.04	91	88.5	190/380//208-230/460	3.3	
		184T	GNEM3664T-G	3,071	HV3	15.23	113	88.5	190/380//208-230/460	3.3	
2.2//3	1500//1800	182T	GNEM3611T-G	1,965	HV3	18.04	88	90.2	190/380//208-230/460	4.4	
	1000//1200	213T	GNEM3704T-G	3,361	HV3	19.01	138	89.5	190/380//208-230/460	4.5	
		213T	GNEM3764T-G	3,769	HV3	18.45	194	89.5	190/380//208-230/460	4.5	
3.7//5	1500//1800	184T	GNEM3615T-G	2,115	HV3	18.04	101	90.2	190/380//208-230/460	6.6	
	1000//1200	215T	GNEM3708T-G	3,735	HV3	20.51	149	89.5	190/380//208-230/460	7.4	
		215T	GNEM3768T-G	4,299	HV3	18.45	226	89.5	190/380//208-230/460	7.3	
5.5//7-1/2	1500//1800	213T	GNEM3710T-G	2,933	HV3	19.01	147	91.7	190/380//208-230/460	9.8	
5//7-1/2	1000//1200	254T	GNEM2276T-G	6,084	HV3	23.36	299	91.0	190/380//208-230/460	11.4	

Cast iron frame

Red catalog number indicates **NEW** product

GNEM, HVAC General Purpose, three phase,TEFC, foot mounted, with internal shaft grounding ring

kW/Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
190/380V 50Hz // 208-230/460V 60Hz											
7.5//10	1500//1800	215T	GNEM3714T-G	3,254	HV3	20.51	165	91.7	190/380//208-230/460	13.0	
		215T	GNEM3774T-G	3,611	HV3	18.45	196	92.4	190/380//208-230/460	12.3	
	1000//1200	256T	GNEM2332T-G	6,855	HV3	23.36	322	91.0	190/380//208-230/460	16.8	
11//15	1500//1800	254T	GNEM2333T-G	4,922	HV3	23.36	286	92.4	190/380//208-230/460	18.4	
	1000//1200	284T	GNEM4100T-G	9,113	HV3	27.76	451	91.7	190/380//208-230/460	21.0	
15//20	1500//1800	256T	GNEM2334T-G	6,613	HV3	23.36	322	93.0	190/380//208-230/460	24.0	
	1000//1200	286T	GNEM4102T-G	11,865	HV3	27.76	451	91.7	190/380//208-230/460	29.0	

Cast iron frame

Red catalog number indicates **NEW** product

HVAC, General purpose

1 thru 100 Hp

TEFC IP44 **ODP 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
- 100% copper windings on all ratings

Applications

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

HVAC, NEMA Premium, three phase, TEFC, foot mounted



Class F insulated motor with 1.15 service factor or higher that operates within class B temperature limits at rated horsepower.

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1	1800	143T	**EHM3546T**	1,074	HV3	12.29	37	85.5	230/460	1.6	30
1 1/2	1800	145T	**EHM3554T**	1,079	HV3	13.29	44	86.5	230/460	2.3	30
2	1800	145T	**EHM3558T**	1,154	HV3	13.29	46	86.5	230/460	2.8	30
3	1800	182T	**EHM3611T**	1,271	HV3	16.54	73	89.5	230/460	4.2	30
5	1800	184T	**EHM3615T**	1,388	HV3	18.04	93	89.5	230/460	6.7	30
	1200	215T	**EHM3708T**	2,566	HV3	20.53	154	89.5	230/460	7.2	30
7 1/2	1800	213T	**EHM3710T**	1,978	HV3	19.01	128	91.7	230/460	9.5	30
	1200	254T	**EHM2276T**	4,253	HV3	23.36	294	91.0	230/460	11.0	30
10	1800	215T	**EHM3714T**	2,231	HV3	20.53	160	91.7	230/460	12.5	30
	1200	256T	**EHM2332T**	4,846	HV3	23.36	290	91.0	230/460	14.1	30
15	1800	254T	**EHM2333T**	3,409	HV3	23.36	250	92.4	230/460	18.1	30
	1200	284T	**EHM4100T**	6,445	HV3	27.76	400	91.7	230/460	21.0	30
20	1800	256T	**EHM2334T**	4,123	HV3	23.36	288	93.0	230/460	24.0	30
	1200	286T	**EHM4102T**	8,564	HV3	27.76	457	91.7	230/460	27.0	30
25	1800	284T	**EHM4103T**	5,378	HV3	27.76	450	93.6	230/460	30.0	30
	1200	324T	**EHM4111T**	9,681	HV3	30.44	491	93.0	230/460	32.0	30
30	1800	286T	**EHM4104T**	6,373	HV3	27.76	423	93.6	230/460	38.0	30
40	1800	324T	**EHM4110T**	8,317	HV3	30.28	612	94.1	230/460	48.0	30
50	1800	326T	**EHM4115T**	9,058	HV3	30.28	622	94.5	230/460	58.0	30
575 volt											
1	1800	143T	**EHM3546T-5**	1,074	HV3	13.29	37	85.5	575	1.3	
1 1/2	1800	145T	**EHM3554T-5**	1,079	HV3	13.29	44	86.5	575	1.7	
2	1800	145T	**EHM3558T-5**	1,154	HV3	13.29	47	86.5	575	2.2	
3	1800	182T	**EHM3611T-5**	1,271	HV3	16.54	74	89.5	575	3.3	
5	1800	184T	**EHM3615T-5**	1,388	HV3	18.04	92	89.5	575	5.3	
7 1/2	1800	213T	**EHM3710T-5**	1,978	HV3	19.03	127	91.7	575	7.6	

Cast iron frame

HVAC, NEMA Premium, three phase, TEFC, foot mounted

Class F insulated motor with 1.15 service factor or higher that operates within class B temperature limits at rated horsepower.

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
575 volt											
10	1800	215T	**EHM3714T-5**	2,231	HV3	20.53	165	91.7	575	9.6	
15	1800	254T	**EHM2333T-5**	3,409	HV3	23.36	255	92.4	575	14.6	
20	1800	256T	**EHM2334T-5**	4,123	HV3	23.36	286	93.0	575	19.2	
25	1800	284T	**EHM4103T-5**	5,378	HV3	27.76	397	93.6	575	24.0	
30	1800	286T	**EHM4104T-5**	6,373	HV3	27.76	395	93.6	575	29.0	
40	1800	324T	**EHM4110T-5**	8,317	HV3	30.28	575	94.1	575	39.0	
50	1800	326T	**EHM4115T-5**	9,058	HV3	30.28	622	94.5	575	50.0	

Cast iron frame

HVAC, NEMA Premium, three phase, ODP, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
200 volt											
1	1800	143T	**EHM3116T-8**	952	HV3	11.12	34	85.5	200	3.6	
1 1/2	1800	145T	**EHM3154T-8**	988	HV3	11.62	38	86.5	200	4.9	
2	1800	145T	**EHM3157T-8**	1,062	HV3	12.13	41	86.5	200	6.7	
3	1800	182T	**EHFM3211T-8**	1,139	GO3	14.99	72	89.5	200	9.3	
3	1800	182T	**EHM3211T-8**	1,139	HV3	14.99	71	89.5	200	9.7	
5	1800	184T	**EHFM3218T-8**	1,237	GO3	14.99	73	89.5	200	15.0	
5	1800	184T	**EHM3218T-8**	1,237	HV3	16.49	85	89.5	200	15.2	
7 1/2	1800	213T	**EHFM3311T-8**	1,798	GO3	16.32	108	91.0	200	22.2	
7 1/2	1800	213T	**EHM3311T-8**	1,798	HV3	16.32	115	91.0	200	23.3	
10	1800	215T	**EHM3313T-8**	2,164	HV3	17.45	120	91.7	200	29.5	30
15	1800	254T	**EHM2523T-8**	3,051	HV3	23.19	209	93.0	200	41.0	30
20	1800	256T	**EHM2515T-8**	3,817	HV3	23.19	226	93.0	200	55.0	30
25	1800	284T	**EHM2531T-8**	4,644	HV3	25.06	369	93.6	200	70.0	
30	1800	286T	**EHM2535T-8**	5,075	HV3	25.06	336	94.1	200	81.0	
40	1800	324T	**EHM2539T-8**	6,605	HV3	26.69	434	94.1	200	108.0	
50	1800	326T	**EHM2543T-8**	8,102	HV3	27.69	464	94.5	200	132.0	
230/460 volt											
1	1800	143T	**EHM3116T**	952	HV3	11.12	35	85.5	230/460	1.6	30
1 1/2	1800	145T	**EHM3154T**	988	HV3	11.62	37	86.5	230/460	2.3	30
2	1800	145T	**EHM3157T**	1,062	HV3	12.13	41	86.5	230/460	2.8	30
3	1800	182T	**EHM3211T**	1,139	HV3	14.99	72	89.5	230/460	4.2	30
	1200	213T	**EHM3305T**	1,879	HV3	16.32	114	88.5	230/460	4.5	30
5	1800	184T	**EHM3218T**	1,237	HV3	16.49	85	89.5	230/460	6.6	30
		184T	**EHM3218TA**	1,772	HV3	16.50	84	89.5	230/460	6.6	11, 30
	1200	215T	**EHM3309T**	2,445	HV3	17.45	141	89.5	230/460	7.4	30
7 1/2	1800	213T	**EHM3311T**	1,798	HV3	16.32	115	91.0	230/460	9.8	30
	1200	254T	**EHM2506T**	2,920	HV3	23.19	248	90.2	230/460	11.4	30
10	1800	215T	**EHM3313T**	2,164	HV3	17.45	127	91.7	230/460	12.5	30
	1200	256T	**EHM2511T**	3,782	HV3	23.19	253	91.7	230/460	14.3	30
15	1800	254T	**EHM2523T**	3,051	HV3	23.19	236	93.0	230/460	18.2	30
	1200	284T	**EHM2524T**	5,080	HV3	23.81	285	91.7	230/460	20.5	30
20	1800	256T	**EHM2515T**	3,817	HV3	23.19	225	93.0	230/460	24.0	30
	1200	286T	**EHM2528T**	6,170	HV3	25.06	297	92.4	230/460	27.0	30
25	1800	284T	**EHM2531T**	4,644	HV3	25.06	323	93.6	230/460	30.0	30
	1200	324T	**EHM2532T**	7,441	HV3	27.69	393	93.0	230/460	34.0	30
30	1800	286T	**EHM2535T**	6,605	HV3	26.06	339	94.1	230/460	37.0	30
	1200	326T	**EHM2536T**	7,759	HV3	28.69	461	93.6	230/460	39.0	30
40	1800	324T	**EHM2539T**	7,441	HV3	27.19	433	94.1	230/460	49.0	30
50	1800	326T	**EHM2543T**	8,102	HV3	27.69	469	94.5	230/460	57.0	30
60	1800	364T	**EHM2547T**	9,160	HV3	29.94	582	95.0	230/460	68.0	30
75	1800	365T	**EHM2551T**	11,234	HV3	33.72	752	95.0	230/460	85.0	30
100	1800	404T	**EHM2555T**	12,804	HV3	36.97	911	95.4	230/460	118.0	30

HVAC, NEMA Premium, three phase, ODP, foot mounted, F2



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
200 volt											
15	1800	254T	**EHFM2523T-8**	3,043	HV3	23.19	234	93.0	200	41.0	6, 30
230/460 volt											
2	1800	145T	**EHFM3157T**	1,062	HV3	12.13	49	86.5	230/460	2.9	30
3	1800	182T	**EHFM3211T**	1,139	HV3	14.99	68	89.5	230/460	4.2	30
5	1800	184T	**EHFM3218T**	1,798	HV3	16.49	82	89.5	230/460	6.6	30
7 1/2	1800	213T	**EHFM3311T**	2,164	HV3	16.32	115	91.0	230/460	9.8	30
10	1800	215T	**EHFM3313T**	2,437	HV3	17.45	127	91.7	230/460	12.5	30
15	1800	254T	**EHFM2523T**	3,051	HV3	23.19	212	93.0	230/460	18.2	30
20	1800	256T	**EHFM2515T**	3,817	HV3	23.19	227	93.0	230/460	24.0	30
25	1800	284T	**EHFM2531T**	4,644	HV3	25.06	319	93.6	230/460	30.0	30
30	1800	286T	**EHFM2535T**	5,075	HV3	26.06	328	94.1	230/460	37.0	30
40	1800	324T	**EHFM2539T**	6,605	HV3	27.19	429	94.1	230/460	49.0	30
50	1800	326T	**EHFM2543T**	8,102	HV3	27.69	466	94.5	230/460	57.0	30

General Purpose HVAC, three phase, TEAO, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/4	1800	48	**AOM3454**	555	HV3	9.63	18	62.0	230/460	0.6	2, 20, 30
	1200	48	**AOM3455**	871	HV3	9.63	19	68.0	230/460	0.7	2, 20, 30
1/3	1800	48	**AOM3458**	619	HV3	9.63	18	68.0	230/460	0.9	2, 20, 30
	1200	56	**AOM3535**	917	HV3	10.25	22	70.0	208-230/460	0.9	2, 20
1/2	1800	56	**AOM3538**	728	HV3	10.25	25	70.0	208-230/460	1.1	2, 20
	1200	56	**AOM3539**	988	HV3	10.88	24	72.0	208-230/460	1.2	2, 20
3/4	1800	56	**AOM3542**	784	HV3	10.25	23	72.0	208-230/460	1.6	2, 20
	1200	56	**AOM3543**	1,016	HV3	11.75	31	77.0	208-230/460	1.5	2, 20
1	1800	143T	**AOM3546T**	815	HV3	11.81	33	75.5	208-230/460	1.8	2
	1200	145T	**AOM3556T**	1,031	HV3	12.12	35	82.5	208-230/460	1.8	2
	900	182T	**AOM3617T**	1,996	HV3	13.62	62	74.0	208-230/460	2.2	2
1 1/2	1800	145T	**AOM3554T**	848	HV3	11.12	34	81.5	208-230/460	2.5	2, 20
	1200	182T	**AOM3607T**	1,179	HV3	13.62	50	78.5	208-230/460	2.5	2, 20
2	1800	145T	**AOM3558T**	899	HV3	12.12	38	82.5	208-230/460	3.0	2, 20
	1200	184T	**AOM3614T**	1,265	HV3	15.00	63	81.5	208-230/460	3.4	2, 20
	900	213T	**AOM3702T**	3,028	HV3	16.32	97	82.5	208-230/460	3.5	2
3	1800	182T	**AOM3611T**	1,054	HV3	13.62	59	85.5	208-230/460	4.8	2, 20
	1200	213T	**AOM3704T**	1,584	HV3	16.32	92	84.0	208-230/460	5.1	2, 20
	900	215T	**AOM3705T**	3,310	HV3	17.44	113	86.5	208-230/460	5.2	2, 20
5	1800	184T	**AOM3615T**	1,219	HV3	15.00	71	87.5	208-230/460	6.9	1
	1200	215T	**AOM3708T**	2,267	HV3	16.32	115	86.5	208-230/460	7.7	2, 20
	900	254T	**AOM25904T**	5,259	HV3	19.63	208	84.0	230/460	9.2	1, 30
7 1/2	1800	213T	**AOM3710T**	1,563	HV3	16.32	106	87.5	208-230/460	10.8	1
10	1800	215T	**AOM3714T**	1,894	HV3	17.45	126	89.5	208-230/460	14.4	2, 20

General Purpose HVAC, three phase, ODP, Resilient Base



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/3	1800	48	**RM3007A**	529	HV3	10.34	21	68.0	208-230/460	0.8	12, 30
1/2	1800	56	**RM3108A**	802	HV3	10.97	22	72.0	230/460	0.9	12, 30, 36
3/4	1800	56	**RM3112A**	863	HV3	11.59	27	74.0	230/460	1.5	12, 30, 36, 4
1	1800	56	**RM3116A**	899	HV3	12.47	31	78.5	230/460	2.0	30, 36, 4
1 1/2	1800	56H	**RM3154A**	955	HV3	12.42	34	78.5	208-230/460	2.4	36
2	1800	56H	**RM3157A**	1,095	HV3	12.42	40	81.5	208-230/460	2.9	36
3	3600	143TY	**ERM3158TA**	1,312	HV3	13.63	48	85.5	230/460	3.8	30
5	3600	143TY	**ERHM3162TA**	1,874	HV3	15.01	60	86.5	230/460	6.1	30

Condenser Fan

1/2 thru 1 1/2 Hp

ODP IP22 **TEAO IP44**

Features

- Terminal panel for ease of connectivity
- Automatic thermal overload protection
- Lubed for life double shielded bearings
- 6” long shaft with flat and keyway (ODP)
- Low temp grease for use in industrial freezers (TEAO)
- 100% copper windings on all ratings

Applications

- Condensers
- Fans
- Air handling
- HVAC systems
- pumps
- Food processing plants

Condenser Fan, three phase, ODP, Round Frame



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
208-230/460 volt											
1/2	1200	48YZ	**CFM3036A**	932	HV3	14.29	25	72.0	208-230/460	1.2	2, 20
		56YZ	**CFM3136A**	965	HV3	15.30	28	72.0	208-230/460	1.3	
3/4	1200	48YZ	**CFM3046A**	1,011	HV3	16.02	33	77.0	208-230/460	1.5	2, 20
		56YZ	**CFM3146A**	1,042	HV3	15.30	33	77.0	208-230/460	1.4	
1	1200	56YZ	**CFM3156A**	1,189	HV3	16.30	38	78.5	208-230/460	1.7	
1 1/2	1200	56YZ	**CFM3166A**	1,293	HV3	17.18	48	76.0	208-230/460	2.5	

Condenser Fan, three phase, TEAO, Round Frame



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
208-230/460 volt											
1/2	1200	56Z	**M3539-TP**	1,029	HV3	11.68	29	70.0	208-230/460	1.2	

Fan and blower
1/4 thru 1 1/2 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
- Moderate starting torque
- 100% copper windings on all ratings

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

Fan and Blower, single phase, ODP, Resilient Base



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/4	1800	48	**ERL1203A**	514	HV1	10.97	20	68.5	115/230	1.3	13, 30, 4
1/2	3600	48	**RL1209A**	548	HV1	10.96	27	74.0	115/230	3.0	12, 30, 4
	1800	56	**RL1304A**	715	HV1	11.59	26	62.0	115/230	4.2	12, 30, 4
		56	**RL1323A**	650	HV1	10.97	24	62.0	115/230	4.0	2
3/4	3600	56	**ERL1306A**	756	HV1	12.47	26	76.2	115/230	3.3	12, 30, 4
	1800	56	**RL1307A**	876	HV1	12.96	36	68.0	115/230	5.1	12, 30, 4
		56	**RL1324A**	705	HV1	12.47	31	71.0	115/230	5.4	2
1	3600	56H	**ERL1309A**	869	HV1	12.42	36	82.0	115/230	3.9	12, 30, 4
	1800	56H	**RL1310A**	952	HV1	11.42	34	68.0	115/230	6.5	12, 30
1 1/2	3600	56H	**ERL1313A**	1,135	HV1	13.26	52	82.0	115/230	5.9	15, 30
	1800	56H	**ERL1319A**	1,275	HV1	14.67	59	83.8	115/230	6.2	15
277 volt											
1/3	1800	56	**RL1301A277**	734	HV1	10.97	23	60.0	277	2.5	13
1/2	1800	56	**RL1304A277**	764	HV1	11.59	26	62.0	277	3.6	12
3/4	1800	56H	**RL1307A277**	1,052	HV1	12.47	34	66.0	277	4.2	12
1	1800	56H	**RL1310A277**	1,082	HV1	12.42	42	68.0	277	5.6	
1 1/2	1800	56H	**ERL1319A277**	1,275	HV1	14.67	59	84.0	277	5.2	15

Fan and blower
1/4 thru 2 Hp

IP44

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
- 100% copper windings on all ratings

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

Fan and Blower, three phase, ODP, Resilient Base



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/4	1800	48	**ERM3003**	720	HV3	10.34	21	69.5	230/460	0.5	13, 15, 30
1/3	1800	48	**ERM3007**	749	HV3	10.34	24	73.4	230/460	0.7	13, 15, 30
		56	**ERM3104**	749	HV3	10.97	24	73.4	230/460	0.7	13, 15, 30
1/2	3600	48	**ERM3009**	790	HV3	10.34	24	73.4	230/460	0.8	12, 15, 30
	1800	48	**ERM3010**	805	HV3	11.84	31	78.2	230/460	0.8	12, 15, 30
		56	**ERM3108**	805	HV3	11.97	31	78.2	230/460	0.8	12, 15, 30
3/4	3600	56	**ERM3111**	799	HV3	10.97	24	76.8	230/460	1.2	12, 15, 30
	1800	56H	**ERM3112**	888	HV3	11.42	38	82.5	208-230/460	1.2	12, 15
1	3600	56	**ERM3115**	843	HV3	12.47	27	77.0	230/460	1.6	12, 15, 30
	1800	56H	**ERM3116**	925	HV3	11.42	36	85.5	230/460	1.6	15, 30
1 1/2	3600	56H	**ERM3120**	894	HV3	23.84	34	84.0	208-230/460	2.0	15
	1800	56H	**ERM3154**	955	HV3	12.42	41	86.5	208-230/460	2.3	15
2	3600	56H	**ERM3155**	1,037	HV3	24.84	43	85.5	230/460	2.6	15
	1800	56H	**ERM3157**	1,108	HV3	24.84	43	86.5	208-230/460	2.9	15

Direct Drive, fan motor

1/4 thru 1 Hp

IP44

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 ball bearings
- 100% copper windings on all ratings

Applications

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

Direct Drive Fan, single phase, TEAO, foot mounted, PSC



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/4	1800	48Z	**PSC3413A**	659	HV1	11.34	19	65.5	115/230	1.3	2, 29
1/3	1800	48Z	**PSC3416A**	731	HV1	11.34	21	62.0	115/230	1.8	2, 29
1/2	1800	48Z	**PSC3524A**	802	HV1	11.96	24	65.0	115/230	3.0	2, 29

Direct Drive Fan, single phase, TEAO, Resilient Base



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/4	1800	48Z	**CHC144A**	571	HV1	11.35	21	70.0	115/230	1.4	30
	1200	48Z	**CHC164A**	664	HV1	11.35	22	59.5	115/230	1.5	30
1/3	1800	48Z	**CHC244A**	637	HV1	11.35	22	70.0	115/230	1.7	30
	1200	48Z	**CHC264A**	769	HV1	11.35	23	66.0	115/230	1.8	30
1/2	1800	56	**CHC3504A**	799	HV1	11.59	25	72.0	115/230	2.6	30
		56YZ	**CHC345A**	721	HV1	12.70	27	72.0	115/230	2.6	30
	1200	56YZ	**CHC365A**	830	HV1	13.58	34	64.0	115/230	3.2	30
3/4	1800	56YZ	**CHC445A**	822	HV1	13.58	35	74.0	115/230	3.7	
1	1800	56	**CHC545A**	879	HV1	12.41	39	75.5	115/230	5.1	
	1200	56	**CHC565A**	1,189	HV1	13.28	51	62.0	115/230	5.3	20

Direct Drive, fan motor

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 ball bearings
- 100% copper windings on all ratings

Applications

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

Direct Drive Fan, three phase, TEAO, Resilient Base



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
20/460 volt											
1/4	1200	48YZ	**CHM164A**	672	HV3	11.34	20	66.0	230/460	0.7	30, 4
1/3	1200	48YZ	**CHM264A**	716	HV3	11.34	19	70.0	230/460	0.9	30
1/2	1800	48YZ	**CHM344A**	685	HV3	11.34	23	66.0	230/460	1.1	30
		56YZ	**CHM345A**	690	HV3	12.08	24	66.0	230/460	1.1	30
	1200	48YZ	**CHM364A**	779	HV3	11.96	25	72.0	230/460	1.2	30
		56YZ	**CHM365A**	785	HV3	12.70	28	72.0	230/460	1.2	30
3/4	1200	56YZ	**CHM465A**	897	HV3	13.58	34	77.0	208-230/460	1.5	
1	1800	56YZ	**CHM545A**	866	HV3	13.58	34	78.5	208-230/460	1.7	
	1200	56	**CHM565A**	1,021	HV3	12.41	40	82.5	208-230/460	1.9	

Yoke/pedestal fan

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
- 100% copper windings on all ratings

Applications

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

Yoke/pedestal fan, single phase, TEAO, PSC



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115 volt											
1/4	1800	48YZ	**YPC144A**	489	HV1	10.68	20	67.0	115	2.5	
	1200	48YZ	**YPC164A**	555	HV1	10.68	20	62.0	115	2.8	
1/3	1800	48YZ	**YPC244A**	529	HV1	10.68	21	66.0	115	3.4	
		56YZ	**YPC245A**	537	HV1	10.68	21	66.0	115	3.4	
	1200	48YZ	**YPC264A**	608	HV1	10.68	22	66.0	115	3.5	
1/2	1800	48YZ	**YPC344A**	608	HV1	10.68	23	70.0	115	5.1	
		56YZ	**YPC345A**	616	HV1	10.68	24	70.0	115	5.1	
	1200	48YZ	**YPC364A**	695	HV1	11.31	27	68.0	115	5.4	

Ventilation fan
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
- 100% copper windings on all ratings

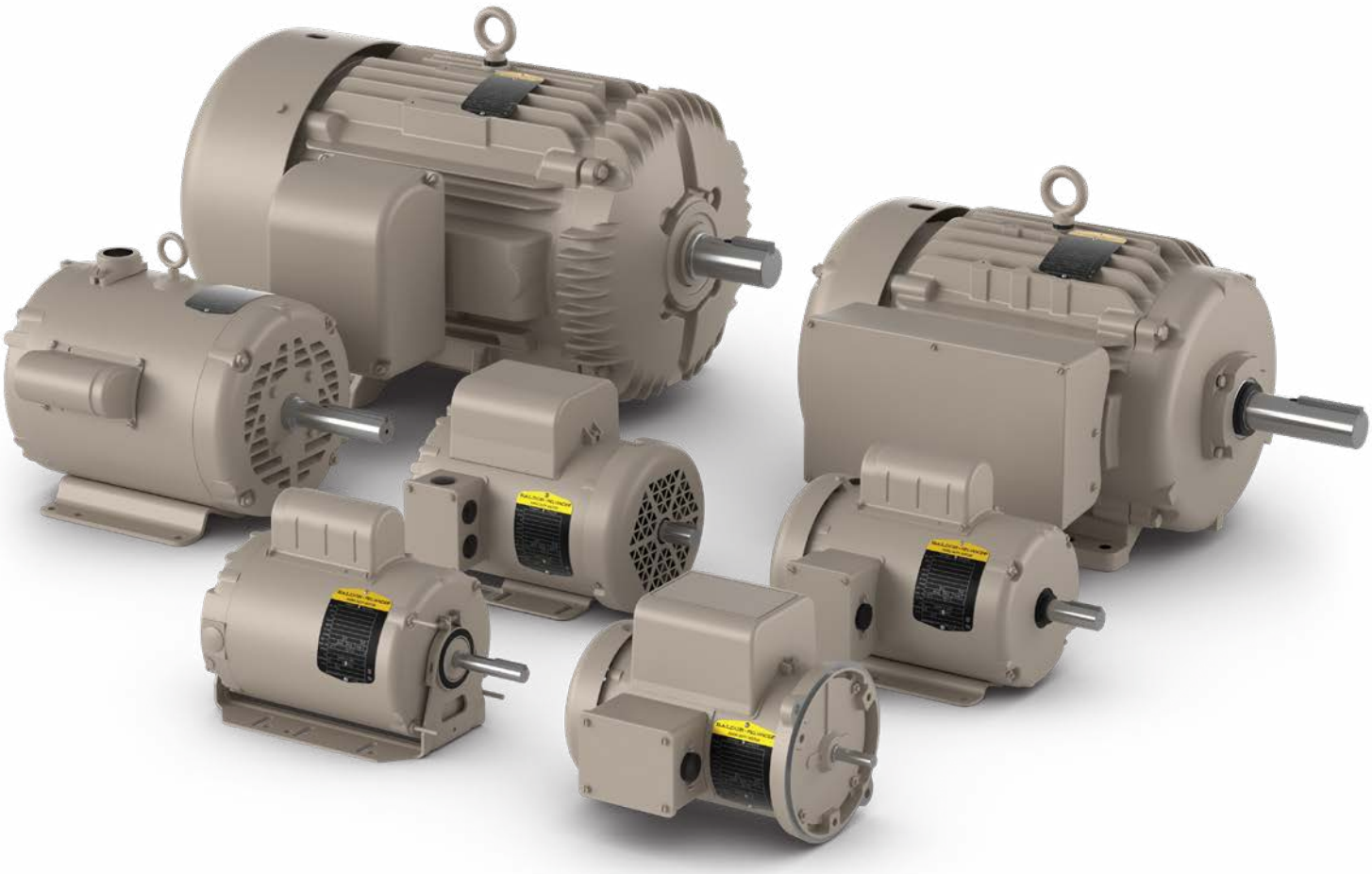
Applications
- Fans
- Pumps
- Blowers
- Condensers
- Air handling
- HVAC systems
- General purpose applications

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



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/2	900	56C	**VAOM3560**	1,108	HV3	12.68	50	70.0	208-230/460	1.2	
1	900	56C	**VAOM3527**	1,314	HV3	14.93	57	75.5	208-230/460	2.2	

Farm Duty



Farm Duty

ABB's Baldor-Reliance farm duty motors are highly durable and reliable in tough agricultural environments. With enhanced protection against dust and moisture, robust construction and long-lasting bearings, they ensure consistent power for applications like irrigation and feed mills, making them ideal for efficient and resilient farming applications.



Farm duty motor



Farm duty



Farm duty, Grain dryer, Centrifugal fan



Farm duty, Grain dryer, Centrifugal fan



Farm duty, Grain dryer, vane axial fan



Farm duty, Grain dryer, vane axial fan



Universal crop dryer



Auger drive



Farm duty, Grain stirring motor



Instant reversing



Aeration fan



Aeration fan



Farm Duty, Direct Drive fan motor



Dairy/vacuum pump



Metering pump



Incubator/hatchery vent fan

Product line – TEFC, ODP, TEAO, OPAO & TENV enclosures		General farm duty	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	1.0 service factor – continuous	S	S	S	S	S	S
	1.15 service factor	S	S	S	-	-	-
	1.25 service factor	-	-	-	-	S	-
Temp. rise	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	A	A	A	-	A	-
	on three phase motors						
	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

Farm duty motor
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
- 100% copper windings on all ratings

Applications
- General purpose farm
- Industrial fans
- Industrial pumps

NEMA Premium, Farm Duty, three phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/2	1800	56	**FDM3538**	873	FD3	11.35	24	74.0	208-230/460	1.0	1
3/4	1800	56	**FDM3542**	934	FD3	11.35	27	75.5	208-230/460	1.5	1
1	1800	56	**FDEM3546**	1,243	FD3	12.23	38	85.5	230/460	1.6	1, 30
		143T	**FDEM3546T**	1,260	FD3	12.29	38	85.5	230/460	1.6	1, 30
1 1/2	1800	56	**FDEM3554**	1,271	FD3	13.23	41	86.5	230/460	2.3	1, 30
		145T	**FDEM3554T**	1,296	FD3	13.31	41	86.5	230/460	2.3	1, 30
2	1800	56	**FDEM3558**	1,303	FD3	13.23	45	86.5	230/460	2.8	1, 30
		143T	**FDEM3558T**	1,342	FD3	13.29	45	86.5	230/460	2.8	1, 30
3	3600	182T	**FDEM3610T**	1,541	FD3	16.53	64	87.5	230/460	3.5	1, 30
	1800	182T	**FDEM3611T**	1,487	FD3	16.55	70	89.5	230/460	4.2	1, 30
5	3600	184T	**FDEM3613T**	1,726	FD3	16.55	74	88.5	230/460	5.9	1, 30
	1800	184T	**FDEM3615T**	1,624	FD3	18.05	93	89.5	230/460	6.7	1, 30
7 1/2	3600	213T	**FDEM3709T**	2,577	FD3	17.89	121	89.5	230/460	9.0	1, 30
	1800	213T	**FDEM3710T**	2,337	FD3	19.02	127	91.7	230/460	9.5	1, 30
10	3600	215T	**FDEM3711T**	2,612	FD3	17.89	118	90.2	230/460	11.6	1, 30
	1800	215T	**FDEM3714T**	2,633	FD3	20.52	165	91.7	230/460	12.5	1, 30
15	3600	254T	**FDEM2394T**	4,426	FD3	23.55	252	91.0	230/460	17.5	1, 30
	1800	254T	**FDEM2333T**	4,057	FD3	23.55	270	92.4	230/460	18.1	1, 30
20	3600	256T	**FDEM4106T**	4,853	FD3	23.55	271	91.0	230/460	23.0	1, 30
	1800	256T	**FDEM2334T**	4,904	FD3	23.55	300	93.0	230/460	24.0	1, 30
25	3600	284TS	**FDEM4107T**	6,326	FD3	24.77	323	91.7	230/460	29.0	1, 30
	1800	284T	**FDEM4103T**	6,410	FD3	27.76	415	93.6	230/460	31.0	1, 30
30	3600	286TS	**FDEM4108T**	7,501	FD3	24.77	327	91.7	230/460	34.0	1, 30
	1800	286T	**FDEM4104T**	7,588	FD3	27.76	425	93.6	230/460	38.0	1, 30
40	3600	324TS	**FDEM4109T**	10,334	FD3	28.89	528	92.4	230/460	45.0	1, 30
	1800	324T	**FDEM4110T**	9,982	FD3	30.28	451	94.1	230/460	48.0	1, 30

Cast iron frame

NEMA Premium, Farm Duty, three phase, TEFC, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
50	3600	326TS	**FDEM4114T**	11,290	FD3	28.78	456	93.0	230/460	56.0	1, 30
	1800	326T	**FDEM4115T**	10,891	FD3	30.28	610	94.5	230/460	58.0	1, 30
60	1800	364T	**FDEM4314T**	15,638	FD3	33.48	910	95.0	230/460	70.0	1, 30
75	1800	365T	**FDEM4316T**	18,232	FD3	33.48	977	95.4	230/460	86.0	1, 30
100	1800	405T	**FDEM4400T**	22,698	FD3	38.04	1326	95.4	230/460	112.0	1, 30
575 volt											
1	1800	56	**FDEM3546-5**	1,243	FD3	13.23	37	85.5	575	1.3	
		143T	**FDEM3546T-5**	1,260	FD3	13.29	37	85.5	575	1.3	
1 1/2	1800	56	**FDEM3554-5**	1,271	FD3	13.23	41	86.5	575	1.7	
		145T	**FDEM3554T-5**	1,296	FD3	13.31	41	86.5	575	1.7	
2	1800	56	**FDEM3558-5**	1,303	FD3	13.23	45	86.5	575	2.2	
		143T	**FDEM3558T-5**	1,342	FD3	13.29	45	86.5	575	2.2	
3	3600	182T	**FDEM3610T-5**	1,541	FD3	15.15	50	86.5	575	2.9	
	1800	182T	**FDEM3611T-5**	1,487	FD3	16.55	73	89.5	575	3.3	
5	3600	184T	**FDEM3613T-5**	1,726	FD3	16.55	74	88.5	575	4.7	
	1800	184T	**FDEM3615T-5**	1,624	FD3	18.05	93	89.5	575	5.3	
7 1/2	3600	213T	**FDEM3709T-5**	2,577	FD3	17.89	121	89.5	575	7.0	
	1800	213T	**FDEM3710T-5**	2,337	FD3	19.02	129	91.7	575	7.5	
10	3600	215T	**FDEM3711T-5**	2,612	FD3	17.89	121	90.2	575	9.5	
	1800	215T	**FDEM3714T-5**	2,633	FD3	20.52	165	92.4	575	10.0	
15	3600	254T	**FDEM2394T-5**	4,426	FD3	23.55	239	91.0	575	13.7	
	1800	254T	**FDEM2333T-5**	4,057	FD3	23.55	268	92.4	575	14.6	
20	3600	256T	**FDEM4106T-5**	4,853	FD3	23.55	229	91.0	575	18.0	
	1800	256T	**FDEM2334T-5**	4,904	FD3	23.55	322	93.0	575	19.2	
25	3600	284TS	**FDEM4107T-5**	6,326	FD3	24.77	317	91.7	575	23.0	
	1800	284T	**FDEM4103T-5**	6,410	FD3	27.76	447	93.6	575	25.0	
30	3600	286TS	**FDEM4108T-5**	7,501	FD3	24.77	317	91.7	575	28.0	
	1800	286T	**FDEM4104T-5**	7,588	FD3	27.76	461	93.6	575	31.0	
40	3600	324TS	**FDEM4109T-5**	10,334	FD3	28.78	553	92.4	575	37.0	
	1800	324T	**FDEM4110T-5**	9,982	FD3	30.28	605	94.1	575	39.0	
50	3600	326TS	**FDEM4114T-5**	11,290	FD3	28.78	595	93.0	575	45.0	
	1800	326T	**FDEM4115T-5**	10,891	FD3	30.28	695	94.5	575	46.0	
60	1800	364T	**FDEM4314T-5**	15,638	FD3	33.48	965	95.0	575	54.7	
75	1800	365T	**FDEM4316T-5**	18,232	FD3	33.47	965	95.4	575	68.7	
100	1800	405T	**FDEM4400T-5**	22,698	FD3	38.19	1326	95.4	575	89.6	

Cast iron frame

NEMA Premium, Farm Duty, three phase, TEFC, C-face footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/2	1800	56C	**VFDM3538**	848	FD3	11.35	24	74.0	230/460	1.0	1, 30
3/4	1800	56C	**VFDM3542**	917	FD3	11.35	27	75.5	230/460	1.5	1, 30
1	1800	56C	**VFDEM3546**	1,222	FD3	12.23	37	85.5	230/460	1.6	1, 30
1 1/2	1800	56C	**VFDEM3554**	1,251	FD3	13.23	41	86.5	230/460	2.3	1

Farm duty
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
- 100% copper windings on all ratings

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

General Purpose, Farm Duty, single phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/3	1800	56	**FDL3501M**	746	FD1	11.35	23	60.0	115/230	3.0	13, 30
1/2	1800	56	**FDL3504M**	871	FD1	11.97	28	68.0	115/230	3.7	12, 30
3/4	1800	56	**FDL3507M**	1,023	FD1	13.35	37	74.0	115/230	4.4	12
1	1800	56H	**FDL3510M**	1,158	FD1	12.91	41	68.0	115/230	6.3	30
		143T	**FDL3510TM**	1,158	FD1	13.29	40	68.0	115/230	6.3	30
1 1/2	1800	56H	**FDL3514M**	1,303	FD1	13.78	49	80.0	115/208-230	6.5	2
		145T	**FDL3514TM**	1,306	FD1	14.17	51	80.0	115/208-230	6.2	2

General Purpose, Farm Duty, single phase, TEFC, C-face foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/2	1800	56C	**CFDL3504M**	1,144	FD1	11.97	28	68.0	115/230	3.7	12, 30
3/4	1800	56C	**CFDL3507M**	1,329	FD1	13.35	39	74.0	115/230	4.4	12
1	1800	56CH	**CFDL3510M**	1,500	FD1	13.23	47	68.0	115/230	6.3	30
1 1/2	1800	56CH	**CFDL3514M**	1,686	FD1	14.10	51	80.0	115/208-230	6.2	2
230 volt											
2	1800	56CHZ	**CFDL3516TM**	2,137	FD1	14.10	53	82.5	230	7.9	1

General Purpose, Farm Duty, single phase, TEFC, C-face footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/3	1800	56C	**VFDL3501M**	963	FD1	11.35	23	60.0	115/230	3.0	13, 30
1/2	1800	56C	**VFDL3504M**	1,103	FD1	11.97	27	68.0	115/230	3.7	12, 30
3/4	1800	56C	**VFDL3507M**	1,284	FD1	13.35	44	74.0	115/230	4.4	12
1	1800	56C	**VFDL3510M**	1,452	FD1	13.23	40	68.0	115/230	6.3	30
1 1/2	1800	56C	**VFDL3514M**	1,645	FD1	14.10	48	80.0	115/208-230	6.2	2

General Purpose, Farm Duty, single phase, TEFC, foot mounted, Extra high torque



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
2	1800	182T	**FDL3611TM**	2,078	FD1	15.67	77	75.0	115/230	14.0	2
		184	**FDL3611M**	2,132	FD1	15.67	76	74.0	115/230	12.4	2
230 volt											
2	1800	56HZ	**FDL3516TM**	1,843	FD1	14.16	51	82.5	230	7.9	1
3	1800	184	**FDL3610M**	2,531	FD1	18.04	90	80.0	230	15.5	2, 20
		184T	**FDL3610TM**	2,470	FD1	18.04	90	80.0	230	15.5	2, 20
		184T	**FDL3619TM**	1,989	FD1	16.49	82	81.5	230	13.2	2, 20
5	1800	184T	**FDL3612TM**	2,592	FD1	18.04	100	80.0	230	23.0	2, 20
		215	**FDL3731M**	3,185	FD1	18.65	126	84.0	230	20.5	2, 20
7 1/2	1800	213	**FDL3732M**	3,665	FD1	18.65	147	84.0	230	30.0	2, 20
		213T	**FDL3733TM**	3,374	FD1	19.02	146	84.0	230	30.0	2, 20
10	1800	215T	**FDL3712TM**	3,708	FD1	21.37	160	86.5	230	39.0	2, 20, 79
		215T	**FDL3737TM**	3,947	FD1	21.27	172	86.5	230	39.0	2, 20, 79
15	1800	256T	**FDL3912T**	5,722	FD1	24.56	292	86.5	208-230	58.0	2, 20
16	1800	256T	**FDL1177T**	7,565	FD1	23.36	322	87.5	208-230	61.0	2, 20

Cast iron frame

General Purpose, Farm Duty, single phase, TEFC, C-face footless, Extra high torque



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230 volt											
2	1800	145TC	**VFDFL3516TM**	2,137	FD1	14.17	53	82.5	230	7.9	1, 20
		145TC	**VFDL3516TM**	2,137	FD1	14.16	53	82.5	230	7.9	1, 20
3	1800	184TC	**VFDFL3610TM**	2,895	FD1	18.04	98	80.0	230	15.5	2, 20
		184TC	**VFDL3610TM**	2,895	FD1	18.04	98	80.0	230	15.5	2, 20
5	1800	184TC	**VFDFL3612TM**	3,535	FD1	18.04	101	80.0	230	23.0	2, 20
		184TC	**VFDL3612TM**	3,535	FD1	18.04	101	80.0	230	23.0	2, 20

General Purpose, Farm Duty, single phase, TEAO, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/2	1800	56H	**FDAOL3504A**	799	FD1	12.08	32	78.5	115/230	2.4	30
3/4	1800	56H	**FDAOL3507A**	873	FD1	12.08	35	74.0	115/230	4.1	30
1	1800	56H	**FDAOL3521A**	947	FD1	11.80	39	78.5	115/208-230	4.7	
1 1/2	1800	56H	**FDAOL3532A**	1,115	FD1	13.30	50	75.5	115/208-230	7.8	

Farm duty, Grain dryer, Centrifugal fan

5 thru 16 Hp

ODP IP22 **TEFC 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
- 100% copper windings on all ratings

Applications

- High pressure grain drying
- Farm building fans

Grain dryer/centrifugal fan, single phase, ODP, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230 volt											
5	1800	184TZ	**GDL1605T**	2,673	FD1	16.87	97	80.0	230	22.5	2, 20
7 1/2	1800	215TZ	**GDL1607T**	3,516	FD1	22.57	142	82.5	230	32.0	1, 20
10	1800	215TZ	**GDL1610T**	4,067	FD1	22.85	160	86.5	230	38.0	2, 20
16	1800	256TZ	**GDL1615T**	6,052	FD1	24.19	301	86.5	208-230	62.0	2, 20

Grain dryer/centrifugal fan, single phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230 volt											
7 1/2	1800	215TZ	**GDL3770T**	4,395	FD1	19.45	219	85.5	230	29.6	1
10	1800	215TZ	**GDL3774T**	5,083	FD1	19.45	210	86.5	230	38.0	2, 20
16	1800	256TZ	**GDL2333T**	7,565	FD1	24.36	310	87.5	208-230	61.0	2, 20

Cast iron frame

Farm duty, Grain dryer, Centrifugal fan

3 thru 50 Hp

ODP IP22 **TEFC 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
- 100% copper windings on all ratings

Applications
- High pressure grain drying
- Farm building fans

Grain dryer/centrifugal fan, three phase, ODP, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
5	1800	184TZ	**EGDM3218T**	1,767	FD3	17.50	92	89.5	208-230/460	6.6	1, 30
7 1/2	1800	213TZ	**EGDM3311T**	2,590	FD3	17.32	120	91.0	208-230/460	9.8	1, 30
10	1800	215TZ	**EGDM3313T**	3,069	FD3	18.45	132	91.7	208-230/460	12.5	1, 30
15	1800	254TZ	**EGDM2513T**	4,248	FD3	24.19	238	93.0	230/460	18.2	1, 30
20	1800	254TZ	**EGDM2515T**	4,917	FD3	24.19	250	93.0	230/460	24.0	1, 30
25	1800	284TZ	**EGDM2531T**	6,079	FD3	26.06	328	93.6	230/460	30.0	1, 30
30	1800	284TZ	**EGDM2535T**	6,801	FD3	27.06	371	94.1	230/460	37.0	1, 30

Grain dryer/centrifugal fan, three phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
3	1800	182TZ	**EGDM3661T**	2,266	FD3	16.42	105	89.5	208-230/460	4.1	1, 30
5	1800	184TZ	**EGDM3615T**	2,317	FD3	19.04	95	89.5	208-230/460	6.7	1, 30
		184TZ	**EGDM3665T**	2,582	FD3	16.42	119	89.5	208-230/460	6.6	1, 30
7 1/2	1800	213TZ	**EGDM3710T**	2,852	FD3	20.03	127	91.7	230/460	9.5	1, 30
		213TZ	**EGDM3770T**	3,176	FD3	19.45	170	91.7	208-230/460	9.5	1, 30
10	1800	215TZ	**EGDM3714T**	4,141	FD3	21.53	165	91.7	230/460	12.5	1, 30
		215TZ	**EGDM3774T**	4,570	FD3	19.45	231	92.4	208-230/460	12.5	1, 30
15	1800	254TZ	**EGDM2333T**	5,587	FD3	24.55	280	92.4	230/460	18.1	1, 30
20	1800	256TZ	**EGDM2334T**	5,915	FD3	24.55	323	93.0	230/460	24.0	1, 30
25	1800	284TZ	**EGDM4103T**	7,448	FD3	28.76	422	93.6	230/460	31.0	30
30	1800	286TZ	**EGDM4104T**	8,731	FD3	28.76	434	93.6	230/460	38.0	30
40	1800	324TZ	**EGDM4110T**	11,576	FD3	31.28	518	94.1	230/460	48.0	30
50	1800	326TZ	**EGDM4115T**	11,973	FD3	31.28	608	94.5	230/460	58.0	30

Cast iron frame

Farm duty, Grain dryer, vane axial fan

1 1/2 thru 15 Hp

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
- 100% copper windings on all ratings

Applications

- Vane axial fan crop dryers

ODP IP22 **TEFC IP54**

Grain dryer/vane axial fan, single phase, TEAO, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230 volt											
1.5 - 3	3600	143TZ	**UCLE153**	1,775	FD1	14.25	52	78.0	230	12.5	1, 30
3 - 4.5	3600	143TZ	**UCLE3145**	1,818	FD1	15.62	61	82.5	230	12.5	2, 20
5 - 7	3600	182TZ	**UCLE570**	2,213	FD1	16.87	93	84.0	230	20.5	2, 8
7.5 - 10	3600	182TZ	**UCLE7510**	2,393	FD1	16.87	95	85.5	230	38.0	2, 20, 30
10 - 15	3600	215Z	**UCLE1015**	3,708	FD1	18.56	167	89.0	230	46.0	2, 20

Grain dryer/vane axial fan, single phase, OPAO, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230 volt											
3 - 4.5	3600	145TZ	**UCL3145**	1,717	FD1	15.63	60	77.8	230	14.3	2, 20
		182Z	**UCL345**	1,788	FD1	14.88	72	74.0	230	22.0	2, 20
5 - 7	3600	182TZ	**UCL570**	2,113	FD1	16.87	91	80.0	230	35.0	2, 20
7.5 - 10	3600	182TZ	**UCL710**	2,266	FD1	16.87	89	85.0	230	31.0	2, 20
7.5 - 10.5	3600	215Z	**UCL7510**	2,868	FD1	17.44	107	81.0	230	37.0	2, 20
10 - 15	3600	215Z	**UCL1015**	3,675	FD1	17.81	137	84.0	230	45.0	2, 20

Farm duty, Grain dryer, vane axial fan

1 1/2 thru 15 Hp

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
- 100% copper windings on all ratings

Applications

- Vane axial fan crop dryers

ODP IP22 **TEFC IP54**

Grain dryer/vane axial fan, three phase, TEAO, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1.5 - 3	3600	145TYZ	**UCME153**	1,248	FD3	13.37	39	80.0	208-230/460	4.1	2, 20
3 - 4.5	3600	143TYZ	**UCME3145**	1,319	FD3	13.37	46	84.5	208-230/460	6.0	2, 8
5 - 7.5	3600	184TZ	**UCME570**	1,657	FD3	15.37	69	84.0	230/460	9.0	2, 20, 30
7.5 - 9.2	3600	184TZ	**UCME759**	1,943	FD3	16.87	84	89.5	208-230/460	8.5	2, 20
7.5 - 10	3600	184TZ	**UCME7510**	1,943	FD3	16.87	85	86.5	230/460	11.5	2, 20, 30
10 - 14	3600	215Z	**UCME1014**	2,482	FD3	16.69	124	87.5	208-230/460	16.5	2, 20

Grain dryer/vane axial fan, three phase, OPAO, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
5 - 7.5	3600	184TZ	**UCM575**	1,563	FD3	15.37	66	84.0	230/460	9.5	2, 20
7.5 - 10	3600	184TZ	**UCM713**	1,869	FD3	16.87	89	84.0	208-230/460	12.0	2
10 - 15	3600	215Z	**UCM1014**	2,402	FD3	16.69	102	85.5	208-230/460	18.0	2, 20

Universal crop dryer

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
- 100% copper windings on all ratings

Applications
- Vane axial fan crop dryers

Universal crop dryer, single phase, OPAO, foot mounted, PSC



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230 volt											
5 - 7.5	3600	184TZ	**UCC5700**	1,894	FD1	15.38	74	79.0	230	19.5	
7.5 - 10	3600	184TZ	**UCC7100**	2,081	FD1	16.88	78	85.5	230	28.0	
10 - 15	3600	215Z	**UCC10150**	3,934	FD1	18.57	127	83.0	230	41.0	

Auger drive
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
- 100% copper windings on all ratings

Applications
- Poultry feed auger drive systems

Auger drive, single phase, TEFC, flange mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/3	1800	48YZ	**ANFL3501M**	904	FD1	12.44	24	60.0	115/230	3.0	12, 30
1/2	1800	48YZ	**ANFL3504M**	1,014	FD1	12.44	28	68.0	115/230	3.7	12, 30
3/4	1800	48YZ	**ANFL3507M**	1,182	FD1	13.32	34	74.0	115/230	4.1	12, 30
1	1800	56YZ	**ANFL3510M**	1,459	FD1	13.55	41	68.0	115/230	6.3	30
1 1/2	1800	56YZ	**ANFL3514M**	2,165	FD1	14.43	49	75.5	115/230	9.0	2, 30

Farm duty, Grain stirring motor

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
- 100% copper windings on all ratings

Applications

- Inside bin grain stirring systems

Grain Stirring, single phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230 volt											
1 1/2	1800	56Z	**GSL3509M**	1,278	FD1	12.29	41	80.0	208-230	6.4	

Instant reversing
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
- 100% copper windings on all ratings

Instant reversing, single phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/3	1800	56	**IR3501M**	848	FD1	11.35	25	60.0	115/208-230	3.0	2
1/2	1800	56	**IR3504M**	975	FD1	11.97	28	68.0	115/208-230	3.6	2
3/4	1800	56	**IR3507M**	1,115	FD1	13.23	40	70.0	115/208-230	4.6	2
230 volt											
1	1800	56	**IR3510M**	1,207	FD1	13.23	40	65.0	230	6.2	1

Aeration fan
1/2 thru 3 Hp

IP44

Features
- 1/4-20 tapped and keyed shaft
- Terminal panel for ease of connectivity
- Automatic thermal overload protection
- Lubed for life double shielded ball bearings
- 100% copper windings on all ratings

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

Aeration fan, single phase, TEAO, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt and 230 volt											
1/2	1800	56	**AFL3504A**	626	FD1	11.58	32	78.5	115/230	2.3	2
3/4	3600	56Z	**AFL3520A**	657	FD1	11.59	29	71.0	115/230	5.5	2
1	3600	56	**AFL3521A**	774	FD1	12.68	39	66.0	115/230	6.0	2
	1800	56	**AFL3510A**	906	FD1	12.68	47	77.0	115/230	4.8	2
1 1/2	3600	56	**AFL3525A**	1,001	FD1	12.68	42	70.0	115/230	8.3	2, 30
		143TZ	**AFL3522A**	1,072	FD1	12.74	43	70.0	115/230	8.3	2, 30
2	3600	143TZ	**AFL3523A**	1,309	FD1	13.61	51	74.0	115/230	11.5	2
3	3600	145TZ	**AFL3524A**	1,365	FD1	13.61	52	78.0	230	15.0	2

Aeration fan

3/4 thru 3 Hp

IP44

Features

- 1/4-20 tapped and keyed shaft
- Terminal panel for ease of connectivity
- Normally closed winding thermostats to protect against overheating
- Lubed for life double shielded ball bearings
- 100% copper windings on all ratings

Applications

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

Aeration fan, three phase, TEAO, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
3/4	3600	56Z	**AFM3528**	665	FD3	10.97	24	74.0	230/460	1.3	30
1	3600	56Z	**AFM3529**	723	FD3	10.97	22	75.5	230/460	1.8	30
1 1/2	3600	143TZ	**AFM3530**	835	FD3	12.45	30	80.0	208-230/460	2.3	
3	3600	145T	**AFM3532**	1,107	FD3	12.74	45	82.5	208-230/460	3.8	2

Farm Duty, Direct Drive fan motor

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
- 100% copper windings on all ratings

Applications

- Air handling fans
- Confinement houses
- Unit heaters
- Exhaust fans

Direct Drive Fan FD, single phase, TEAO, Resilient Base, PSC



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/4	1800	48Z	**CHC3413A**	657	FD1	11.35	22	54.0	115/230	2.4	2, 29
1/3	1800	48Z	**CHC3416A**	715	FD1	11.97	25	56.0	115/230	2.8	2, 29
	1200	48Z	**CHC3417A**	894	FD1	11.97	26	54.0	115/230	2.8	2, 29
1/2	1200	56Z	**CHC3525A**	1,026	FD1	13.53	40	70.0	115/230	2.6	2, 74
	900	56Z	**CHC3526A**	1,270	FD1	14.40	50	57.5	115/230	4.1	2, 74
1	1800	56H	**CHL3510A**	865	FD1	12.42	47	81.5	115/230	4.4	30

Dairy/vacuum pump

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
- 100% copper windings on all ratings

Applications

- Vacuum pumps dairy industry

Dairy/vacuum pump, single phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230 volt											
7 1/2	1800	215T	**DEL3733TM**	5,111	FD1	20.77	162	85.0	230	28.0	1
10	1800	215T	**DEL3737TM**	6,243	FD1	21.27	160	85.5	230	39.0	8, 79

Metering pump
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
- 100% copper windings on all ratings

Applications
- Metering pump systems

Metering pump, three phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/3	1800	48	**MPM3458**	644	FD3	10.72	20	0.0	230/460	0.8	2

Incubator/hatchery vent fan

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
- 100% copper windings on all ratings

Applications

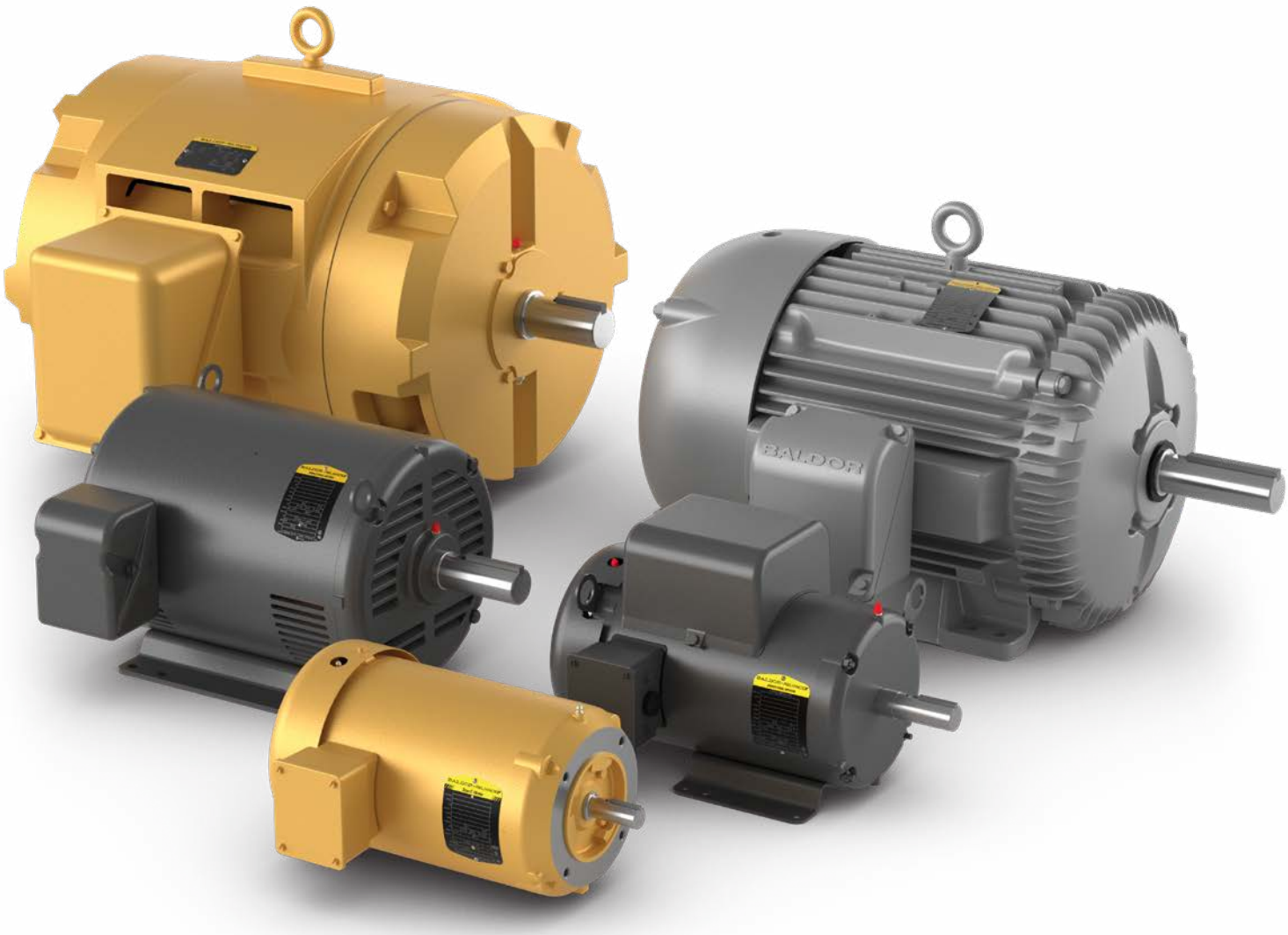
- Incubator/hatchery fans
- HVAC condensers
- Grille mount vent fan applications

Incubator/hatchery vent fan, single phase, TEAO



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/3	1800	48Z	**HIC264A**	593	FD1	10.09	20	64.0	115/230	1.9	
		48Z	**HIC274A**	593	FD1	10.09	20	66.0	115/230	2.2	

Definite Purpose



Definite Purpose

ABB's Baldor-Reliance definite purpose motors meet specific application needs with a focus on sustainability and reliability. This line includes automotive duty, U-frame, two-speed and ammonia refrigeration motors, designed for various industries and supported by ABB's exceptional customer service and performance.



Ammonia refrigeration compressor motor



Two Speed



Pressure washer



U-Frame



U-Frame



Automotive duty

Ammonia refrigeration compressor motor

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

Ammonia refrigeration compressor motor, three phase, ODP, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volts (wye start delta run)											
150	3600	405TS	**EM251152T-4**	21,599	DPC	30.93	1140	95.4	460	167.0	10
200	3600	444TS	**EM251202T-4**	24,476	DPC	35.88	1737	95.4	460	221.0	10
250	3600	445TS	**EM251252T-4**	28,713	DPC	35.88	1488	95.4	460	274.0	10
300	3600	447TS	**EM251302T-4**	44,878	DPC	39.37	1748	95.4	460	334.0	10
350	3600	447TS	**EM251352T-4**	51,360	DPC	39.37	1899	95.4	460	381.0	10
400	3600	449TS	**EM251402T-4**	60,255	DPC	44.31	2074	96.2	460	431.0	10
450	3600	449TS	**EM251452T-4**	66,351	DPC	44.31	2080	96.2	460	494.0	10
500	3600	449TS	**EM251502T-4**	73,356	DPC	39.37	2595	96.2	460	544.0	10

Cast iron frame

Two Speed
1/2 thru 25 Hp

Features
- Dual speed ratings
- High performance ball bearings
- Dynamically balanced rotor
- Heavy duty steel or cast-iron frame
- 100% copper windings on all ratings

Applications
- Pumps
- Fans
- Machine tools
- Hoists
- Blowers
- Conveyors

ODP IP22 **TEFC IP54**

Two Speed, three phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes
Constant torque, one winding										
230 volt										
1/0.5	1800/900	143T	**M1504T**	2,154	DP2	13.31	39	208-230	2.7	10, 71
1.5/0.75	1800/900	145T	**M1505T**	2,276	DP2	14.19	47	230	4.3	8, 10, 71
2/1	1800/900	184T	**M1506T**	2,763	DP2	16.54	64	208-230	5.2	10, 71
3/1.5	1800/900	184T	**M1507T**	3,129	DP2	18.04	84	230	8.3	1, 10, 71
5/2.5	1800/900	215T	**M1508T**	4,087	DP2	19.01	134	208-230	10.4	1, 10, 71
7.5/3.8	1800/900	215T	**M1509T**	5,320	DP2	20.51	209	230	16.6	1, 10, 71
460 volt										
1/0.5	1800/900	143T	**M1704T**	2,154	DP2	14.19	45	460	1.3	71
1.5/0.75	1800/900	145T	**M1705T**	2,276	DP2	14.19	47	460	2.1	8, 71
2/1	1800/900	184T	**M1706T**	2,763	DP2	16.54	65	460	2.6	71
3/1.5	1800/900	184T	**M1707T**	3,129	DP2	18.04	93	460	4.2	1, 71
5/2.5	1800/900	213T	**M1708T**	4,087	DP2	19.01	132	460	5.2	1, 71
7.5/3.8	1800/900	215T	**M1709T**	5,320	DP2	20.51	181	460	8.3	1, 71
10/5	1800/900	254T	**M1710T**	8,195	DP2	23.36	263	460	11.3	1, 71
15/7.5	1800/900	256T	**M1711T**	9,488	DP2	23.36	267	460	16.8	1, 71
20/10	1800/900	284T	**M1712T**	12,055	DP2	27.76	378	460	18.5	1, 10, 71
25/13	1800/900	286T	**M1713T**	14,634	DP2	27.76	397	460	27.0	1, 10, 71
Variable torque, one winding										
230 volt										
1/0.25	1800/900	143T	**M1554T**	1,518	DP2	12.31	33	208-230	1.5	10, 71
1.5/0.38	1800/900	145T	**M1555T**	1,579	DP2	13.31	41	208-230	2.3	10, 71
2/0.5	1800/900	145T	**M1556T**	1,834	DP2	13.31	41	208-230	2.7	10, 71
3/0.75	1800/900	184T	**M1557T**	1,971	DP2	16.54	65	208-230	3.0	10, 71
5/1.3	1800/900	184T	**M1558T**	2,508	DP2	18.04	83	208-230	5.2	8, 10, 71
460 volt										
1/0.25	1800/900	143T	**M1754T**	1,518	DP2	12.31	33	460	0.8	1, 10, 71

Cast iron frame

Two Speed, three phase, TEFC, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes
460 volt										
1.5/0.375	1800/900	145T	**M1755T**	1,579	DP2	13.31	38	460	1.1	1, 10, 71
2/0.5	1800/900	145T	**M1756T**	1,834	DP2	13.32	45	460	1.4	1, 71
3/0.75	1800/900	184T	**M1757T**	1,971	DP2	16.54	63	460	1.6	71
5/1.3	1800/900	184T	**M1758T**	2,508	DP2	18.04	84	460	2.5	1, 71
7.5/1.9	1800/900	213T	**M1759T**	3,532	DP2	19.01	136	460	3.5	1, 71
10/2.5	1800/900	213T	**M1760T**	4,161	DP2	20.52	158	460	4.8	8, 71
15/3.75	1800/900	254T	**M1761T**	5,752	DP2	23.36	247	460	8.3	71
20/5	1800/900	284T	**M1762T**	6,799	DP2	27.76	344	460	10.0	1, 71
25/6.3	1800/900	286T	**M1763T**	7,889	DP2	27.76	384	460	12.0	71
Variable torque, two windings										
230 volt										
0.75/0.33	1800/1200	56	**M1519**	1,680	DP2	13.23	37	230	1.8	10, 71
1/.44	1800/1200	145T	**M1520T**	1,754	DP2	13.31	42	208-230	2.2	1, 10, 71
1.5/.67	1800/1200	182T	**M1521T**	2,165	DP2	15.17	58	208-230	2.8	1, 10, 71
2/0.89	1800/1200	182T	**M1522T**	2,485	DP2	16.54	66	208-230	3.2	1, 10, 71
3/1.3	1800/1200	184T	**M1523T**	2,906	DP2	16.54	73	208-230	5.1	1, 10, 71
5/2.2	1800/1200	215T	**M1524T**	4,551	DP2	19.01	126	230	7.0	1, 10, 71
460 volt										
0.5/0.22	1800/1200	56	**M1718**	1,566	DP2	12.23	29	460	0.7	1, 10, 71
.75/.33	1800/1200	56	**M1719**	1,731	DP2	12.23	33	460	0.9	1, 10, 12, 71
1/0.44	1800/1200	145T	**M1720T**	1,754	DP2	13.31	35	460	1.2	1, 10, 71
1.5/0.67	1800/1200	182T	**M1721T**	2,165	DP2	14.29	50	460	1.4	1, 71
2/0.89	1800/1200	182T	**M1722T**	2,485	DP2	16.54	58	460	1.6	1, 10, 71
3/1.3	1800/1200	184T	**M1723T**	2,906	DP2	16.54	73	460	2.6	1, 71
5/2.2	1800/1200	215T	**M1724T**	4,551	DP2	19.01	128	460	3.5	1, 71
7.5/3.3	1800/1200	254T	**M1725T**	5,882	DP2	23.36	230	460	5.7	1, 10, 71
10/4.4	1800/1200	254T	**M1726T**	6,769	DP2	21.07	225	460	6.7	10, 71
15/6.7	1800/1200	284T	**M1727T**	8,034	DP2	27.76	355	460	10.0	1, 10, 71
20/8.9	1800/1200	286T	**M1728T**	10,893	DP2	27.76	390	460	14.0	1, 10, 71
25/11	1800/1200	324T	**M1729T**	11,474	DP2	30.28	512	460	18.0	1, 10, 71

Cast iron frame

Two Speed, three phase, ODP, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes
Variable torque, one winding										
230 volt										
1/0.25	1800/900	143T	**M1004T**	1,446	DP2	11.13	33	208-230	1.5	1
1.5/0.38	1800/900	145T	**M1005T**	1,503	DP2	12.13	38	208-230	2.1	1
2/0.5	1800/900	145T	**M1006T**	1,736	DP2	12.13	41	230	2.7	1
3/0.75	1800/900	184T	**M1007T**	1,864	DP2	13.62	56	208-230	3.0	1
5/1.3	1800/900	184T	**M1008T**	2,244	DP2	15.00	71	230	5.0	1
7.5/1.9	1800/900	213T	**M1009T**	3,206	DP2	18.95	113	230	7.3	1, 10
10/2.5	1800/900	213T	**M1010T**	3,634	DP2	17.45	133	230	9.2	1, 10
460 volt										
1/0.25	1800/900	143T	**M1204T**	1,446	DP2	11.13	33	460	0.8	1
1.5/0.38	1800/900	145T	**M1205T**	1,503	DP2	12.13	37	460	1.2	1
2/0.5	1800/900	145T	**M1206T**	1,736	DP2	12.13	41	460	1.4	1
3/0.75	1800/900	184T	**M1207T**	1,864	DP2	13.62	56	460	1.5	1
5/1.3	1800/900	184T	**M1208T**	2,244	DP2	15.00	72	460	2.5	1
7.5/1.9	1800/900	213T	**M1209T**	3,206	DP2	16.32	112	460	3.8	1
10/2.5	1800/900	215T	**M1210T**	3,634	DP2	17.45	132	460	5.0	1
15/3.8	1800/900	254T	**M1211T**	5,105	DP2	21.69	203	460	8.7	1
20/0	1800/900	256T	**M1212T**	6,256	DP2	21.69	202	460	11.5	1
25/6.3	1800/900	284T	**M1213T**	7,341	DP2	23.81	330	460	13.9	1, 10
Variable torque, two windings										
230 volt										
0.75/0.33	1800/1200	56	**M1019**	1,553	DP2	12.07	36	230	1.8	
1/0.44	1800/1200	145T	**M1020T**	1,673	DP2	12.13	41	230	2.3	1, 10
1.5/0.67	1800/1200	182T	**M1021T**	2,027	DP2	13.62	55	208-230	2.8	1, 10
2/0.89	1800/1200	182T	**M1022T**	2,312	DP2	15.00	64	230	3.2	1, 10
3/1.3	1800/1200	184T	**M1023T**	2,692	DP2	15.00	72	230	5.1	1
5/2.2	1800/1200	215T	**M1024T**	4,143	DP2	16.32	113	230	7.0	1, 10
460 volt										
0.5/0.22	1800/1200	56	**M1218**	1,479	DP2	11.07	33	460	0.7	
0.75/0.33	1800/1200	56	**M1219**	1,553	DP2	11.07	36	460	0.9	1, 10
1/0.44	1800/1200	145T	**M1220T**	1,673	DP2	12.13	41	460	1.2	
1.5/0.67	1800/1200	182T	**M1221T**	2,027	DP2	13.62	55	460	1.4	1, 10
2/0.89	1800/1200	182T	**M1222T**	2,312	DP2	15.00	65	460	1.6	1
3/1.3	1800/1200	184T	**M1223T**	2,692	DP2	15.00	72	460	2.6	1
5/2.2	1800/1200	215T	**M1224T**	4,143	DP2	16.32	113	460	3.5	1
7.5/3.3	1800/1200	256T	**M1225T**	5,510	DP2	22.25	148	460	5.7	1
10/4.4	1800/1200	256T	**M1226T**	6,223	DP2	22.25	172	460	7.2	1, 10
15/6.7	1800/1200	284T	**M1227T**	7,550	DP2	23.81	345	460	11.5	1, 10
20/8.9	1800/1200	286T	**M1228T**	10,125	DP2	23.81	330	460	18.0	1, 10

Pressure washer

1 1/2 thru 5 Hp

Features
- Manual thermal overload
- Capacitor start, capacitor run
- 1 1/2 horsepower designs rated at 14 amps or less on 115 volts
- 100% copper windings on all ratings

Applications
- Pressure washers
- Steam cleaners

ODP IP22 TEFC IP54

Pressure washer, single phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
2	3600	56	**PL3515M**	1,327	DPS	13.23	42	77.0	115/230	8.8	1
3	1800	184T	**L3609TM**	2,040	GO1	16.54	79	78.0	115/230	14.5	2, 20
230 volt											
2	1800	56HZ	**L3516TM**	1,848	GO1	13.30	46	82.5	208-230	8.0	1, 57
3	3600	56	**PL3519M**	1,456	DPS	14.10	50	85.5	230	12.5	30
5	3600	184T	**L3608TM**	2,348	GO1	18.04	89	83.0	230	19.5	2, 20
	1800	184T	**L3612TM**	2,371	GO1	18.04	100	80.0	230	23.0	2, 20

Pressure washer, single phase, TEFC, C-face foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1 1/2	3600	56C	**PCL3513M**	1,174	DPS	13.23	38	75.5	115/230	6.6	
	1800	56C	**PCL3514M**	1,531	DPS	14.10	54	82.5	115/230	6.0	1
2	3600	56C	**PCL3515M**	1,393	DPS	13.23	43	77.0	115/230	8.8	1
230 volt											
2	1800	145TC	**CL3516TM**	1,862	DPS	14.16	53	82.5	208-230	7.9	1
3	3600	56C	**PCL3519M**	1,526	DPS	14.10	52	85.5	230	12.5	30
	1800	184TC	**CL3619TM**	2,422	DPS	16.54	81	81.5	208-230	13.2	2, 20
5	3600	184TC	**CL3608TM**	2,625	DPS	18.05	92	83.0	208-230	19.5	2, 20
	1800	184TC	**CL3612TM**	2,539	DPS	18.05	102	80.0	208-230	23.0	2, 20

Pressure washer, single phase, ODP, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
2	1800	56	**EPL1322M**	837	GO1	14.32	66	84.5	115/230	8.2	1, 4
3	1800	184T	**L1408TM**	1,696	GO1	15.00	74	78.0	115/230	16.0	
230 volt											
5	3600	56/56H	**PL1327M**	1,414	DPS	13.79	56	74.2	230	23.0	
	1800	184T	**L1410TM**	2,063	GO1	16.50	85	82.5	230	23.0	1, 30

Pressure washer, single phase, ODP, C-face foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
2	1800	56C	**EPCL1322M**	1,619	DPS	14.32	66	84.5	115/230	8.2	1, 4
3	1800	184TC	**CL1408TM**	1,792	DPS	15.00	80	78.0	115/230	16.0	
230 volt											
5	3600	56HCY	**PCL1327M**	1,490	DPS	14.10	57	74.2	230	23.0	
	1800	184TC	**CL1410TM**	2,160	DPS	16.50	88	82.5	230	23.0	1, 30

U-Frame

3/4 thru 20 Hp

IP54

Features
- Cool operation for longer life
- Operates within "B" temperature limits at rated horsepower
- Fan cooled
- 1.15 service factor
- High performance ball bearings
- Dynamic balanced
- Heavy-gauge steel and cast-iron frames
- U-Frame mounting dimensions
- 100% copper windings on all ratings

Applications
- Pumps
- Compressors
- Fans
- Conveyors
- Machine tools

U-Frame, three phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
3/4	900	184	**M3602**	2,114	DPL	14.66	51	72.0	208-230/460	1.6	30
1	1800	182	**EM3603**	1,788	DPL	13.79	38	85.5	230/460	1.6	30
	1200	184	**EM3604**	2,279	DPL	13.76	41	82.5	230/460	1.5	30
1 1/2	1800	184	**EM3606**	1,821	DPL	13.76	41	86.5	230/460	2.3	30
	1200	184	**EM3607**	2,435	DPL	15.67	72	87.5	230/460	2.4	30
2	1800	184	**EM3609**	1,922	DPL	13.79	45	86.5	230/460	2.8	30
	1200	213	**EM3712**	2,752	DPL	18.17	97	88.5	230/460	3.5	30
	900	215	**EM3702**	4,286	DPL	18.63	111	85.5	230/460	3.5	30
3	3600	182	**EM3610**	1,923	DPL	14.66	50	86.5	230/460	3.6	30
	1800	213	**EM3703**	2,353	DPL	18.17	70	89.5	230/460	4.2	30
	1200	215	**EM3704**	2,895	DPL	18.63	132	89.5	230/460	4.6	30
5	3600	213	**EM3706**	3,272	DPL	18.17	74	88.5	230/460	5.9	
	1800	215	**EM3707**	2,964	DPL	18.17	93	89.5	230/460	6.7	30
	1200	254U	**EM2275**	6,033	DPL	20.82	226	90.2	230/460	7.3	30
7 1/2	3600	215	**EM3709**	3,300	DPL	18.17	96	89.5	230/460	8.4	30
	1800	254U	**EM2237**	5,138	DPL	23.11	254	91.7	230/460	9.4	30
	1200	256U	**EM2276**	7,254	DPL	23.11	295	91.0	230/460	10.7	30
10	1800	256U	**EM2238**	6,438	DPL	23.11	252	91.7	230/460	13.0	30
15	1800	284U	**EM2333**	8,862	DPL	26.39	315	92.4	230/460	18.1	30
20	1800	286U	**EM2334**	10,606	DPL	26.39	318	93.0	230/460	24.0	30

Cast iron frame

U-Frame, three phase, TEFC, C-face footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
2	1800	184C	**VEM3609**	2,378	DPL	13.31	45	86.5	230/460	2.8	30
	1200	184C	**VEM3614**	2,687	DPL	17.17	97	88.5	230/460	3.5	30
3	1800	184C	**VEM3611**	2,458	DPL	15.67	70	89.5	230/460	4.2	30
5	3600	184C	**VEM3613**	2,208	DPL	15.67	74	88.5	230/460	5.9	
	1800	184C	**VEM3615**	2,806	DPL	17.17	93	89.5	230/460	6.7	30

U-Frame
1 thru 3 Hp

IP54

Features
- Ball bearings
- Heavy-gauge steel and cast-iron frames
- Exxon Polyrex™ EM grease
- U-Frame mounting dimensions
- 100% copper windings on all ratings

Applications
- Fans
- Pumps
- Conveyors
- Machine tools
- Compressors

U-Frame, single phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1	1200	184	**L3607**	3,106	DPL	15.69	74	63.0	115/230	7.0	1, 3
2	1800	184	**L3605**	2,371	DPL	15.69	67	75.5	115/230	11.5	1, 3, 30
	1200	213	**L3703**	5,128	DPL	17.51	113	74.0	115/230	10.5	2, 30, 65
3	1800	215	**L3705**	4,043	DPL	17.51	117	80.0	115/230	14.0	1, 30, 65

U-Frame, single phase, TEFC, C-face footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
2	1800	184C	**VL3605**	2,557	DPL	15.68	64	75.5	115/230	11.5	1, 3, 30

Automotive duty
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
- Compressors
- Conveyors
- Fans
- Machine tools
- Pumps

Automotive duty, three phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt											
1	1800	182	**AEM3683-4**	2,360	DPL	13.18	79	85.5	460	1.6	60
1 1/2	1800	184	**AEM3686-4**	2,534	DPL	14.74	86	87.5	460	2.1	
2	1800	184	**AEM3689-4**	2,699	DPL	14.74	91	88.5	460	2.7	
3	1800	213	**AEM3783-4**	3,114	DPL	18.07	155	89.5	460	3.9	
5	1800	213	**AEM3787-4**	4,077	DPL	18.07	166	90.2	460	6.7	
7 1/2	1800	254U	**AEM2237-4**	5,470	DPL	23.11	227	91.7	460	9.1	
10	1800	256U	**AEM2238-4**	6,615	DPL	23.11	245	91.7	460	12.2	
15	1800	284U	**AEM2333-4**	9,190	DPL	26.39	315	92.4	460	17.6	
20	1800	286U	**AEM2334-4**	11,079	DPL	27.81	420	93.0	460	23.0	
25	1800	324U	**AEM4103-4**	14,122	DPL	30.56	490	93.6	460	30.0	
30	1800	326U	**AEM4104-4**	15,955	DPL	30.66	469	93.6	460	35.0	
40	1800	364U	**AEM4307-4**	18,958	DPL	33.94	883	94.5	460	45.0	
50	1800	365U	**AEM4311-4**	22,831	DPL	33.94	915	94.5	460	56.0	
60	1800	405U	**AEM4314-4**	27,896	DPL	38.08	1294	95.0	460	66.6	

Cast iron frame

Unit Handling



Unit Handling

ABB's Baldor-Reliance unit handling motors offer high efficiency, low inertia and durability for material handling, baggage handling and conveying applications. Designed for frequent start/stop cycles and space-constrained environments, they ensure reliable, high-performance solutions with robust support.



Unit handling



Unit handling



High cycle brake motor



D-series brake motors



D-Series motor brakes



Short series brake motor

Unit handling
1/2 thru 1 Hp

IP44

Features
- Low profile F-3 Conduit box, most designs
- Multiple base mounting configurations
- Color coded and numbered leads for ease of connectivity
- Inverter Duty
- Laser etched nameplate with highly legible font
- CE-marked for EU compliance
- 100% copper windings on all ratings

Applications
- Conveyors
- Unit handling
- Baggage handling
- Packaging equipment
- Door operators
- Elevators
- Hoists

Unit Handling, single phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/2	1800	56C	**CUHL3518**	807	UH1	13.23	37	72.0	115/208-230	3.1	
1	1800	56C	**CUHL3519**	983	UH1	13.23	44	78.0	115/208-230	4.9	

Unit Handling, single phase, TEFC, C-face footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
115/230 volt											
1/2	1800	56C	**VUHL3518**	764	UH1	13.23	35	72.0	115/208-230	3.1	
1	1800	56C	**VUHL3519**	940	UH1	13.23	40	78.0	115/208-230	4.9	

Unit handling
1/2 thru 7 1/2 Hp

IP44

Features
- Low profile F-3 Conduit box, most designs
- Multiple base mounting configurations
- Color coded and numbered leads for ease of connectivity
- Inverter Duty
- Laser etched nameplate with highly legible font
- Super-E® motors have NEMA Premium® efficiency
- 3 year warranty, NEMA Premium® efficiency
- CE-marked for EU compliance
- 100% copper windings on all ratings

Applications
- Conveyors
- Unit handling
- Baggage handling
- Packaging equipment
- Door operators
- Elevators
- Hoists

Unit Handling, three phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/2	1800	56C	**CUHM3538**	692	UH3	12.22	27	81.5	230/460	1.0	1, 48
3/4	1800	56C	**CUHM3542**	731	UH3	12.23	31	82.5	230/460	1.2	1, 48
1	1800	56C	**CEUHM3546**	1,107	UH3	12.22	38	85.5	230/460	1.6	1, 48
		143TCY	**CEUHM3546T**	1,121	UH3	13.29	39	85.5	230/460	1.6	1, 37, 48
1 1/2	1800	56C	**CEUHM3554**	1,169	UH3	13.23	41	86.5	230/460	2.3	1, 48
		145TCY	**CEUHM3554T**	1,184	UH3	13.29	45	86.5	230/460	2.3	1, 37, 48
2	1800	56C	**CEUHM3558**	1,291	UH3	13.23	45	86.5	230/460	2.8	1, 48
		145TCY	**CEUHM3558T**	1,304	UH3	13.29	50	86.5	230/460	2.8	1, 37, 48
3	1800	182TC	**CEUHM3611T**	1,525	UH3	16.55	73	89.5	230/460	4.2	1, 48
5	1800	184TC	**CEUHM3615T**	1,675	UH3	18.05	94	89.5	230/460	6.7	1, 48

Unit Handling, three phase, TEFC, C-face footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt											
1/2	1800	56C	**VEUHM3538**	1,000	UH3	13.23	33	81.5	208-230/460	1.0	1, 48
		56C	**VUHM3538**	682	UH3	13.23	30	81.5	230/460	1.0	1, 48
3/4	1800	56C	**VEUHM3542**	1,062	UH3	13.23	35	82.5	208-230/460	1.2	1, 48
		56C	**VUHM3542**	723	UH3	13.23	35	82.5	230/460	1.2	1, 48
1	1800	56C	**VEUHM3546**	1,093	UH3	13.23	38	85.5	230/460	1.6	1, 48
		143TC	**VEUHM3546T**	1,113	UH3	13.29	38	85.5	230/460	1.6	1, 48
1 1/2	1800	56C	**VEUHM3554**	1,391	UH3	13.23	41	86.5	230/460	2.3	1, 48
		145TC	**VEUHM3554T**	1,163	UH3	13.29	43	86.5	230/460	2.3	1, 48
2	1800	56C	**VEUHM3558**	1,467	UH3	13.23	45	86.5	230/460	2.8	1, 48
		145TC	**VEUHM3558T**	1,291	UH3	13.29	48	86.5	230/460	2.8	1, 48
3	1800	182TC	**VEUHM3611T**	1,467	UH3	16.54	73	89.5	230/460	4.2	1, 48
5	1800	184TC	**VEUHM3615T**	1,614	UH3	18.04	88	89.5	230/460	6.7	1, 48
7 1/2	1800	213TC	**VEUHM3710T**	2,379	UH3	19.75	129	91.7	230/460	9.5	1, 48
575 volt											
1/2	1800	56C	**VUHM3538-5**	682	UH3	13.23	33	80.0	575	0.8	1, 48
3/4	1800	56C	**VUHM3542-5**	723	UH3	13.23	34	82.5	575	1.0	1, 48
1	1800	56C	**VEUHM3546-5**	1,093	UH3	13.23	38	85.5	575	1.3	1, 48
		143TC	**VEUHM3546T-5**	1,113	UH3	13.29	38	85.5	575	1.3	1, 48
1 1/2	1800	145TC	**VEUHM3554T-5**	1,163	UH3	13.29	44	86.5	575	1.7	1, 48
2	1800	145TC	**VEUHM3558T-5**	1,291	UH3	13.29	48	86.5	575	2.2	1, 48

High cycle brake motor
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
- RoHS compliant
- 100% copper windings on all ratings

Applications
- Frequent start and stop applications
- Conveyors
- Unit handling
- Baggage handling
- Packaging equipment
- Door operators
- Hoists

High cycle brake motor, three phase, C-face footless



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt													
1/2	1800	56C	TENV	**VRBM3538**	2,552	UH3	13.62	35	75.5	208-230/460	0.9	3	1
3/4	1800	56C	TENV	**VRBM3542**	2,989	UH3	14.50	47	75.0	208-230/460	1.3	72	
1	1800	56C	TENV	**VRBM3546**	3,443	UH3	15.50	47	74.0	230/460	1.6	6	
		143TC	TENV	**VRBM3546T**	3,682	UH3	15.57	46	74.0	230/460	1.6	72	
1 1/2	1800	145TC	TEFC	**VRBM3554T**	3,746	UH3	15.40	63	81.5	230/460	2.2	10	1
2	1800	145TC	TEFC	**VRBM3558T**	3,850	UH3	15.43	69	80.0	230/460	3.6	10	1
3	1800	145TC	TEFC	**VRBM3561T**	3,964	UH3	17.68	76	84.0	230/460	4.1	15	

D-series brake motors

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
- Includes phase insulation. Suitable for use on inverter.
- Super-E® motors have NEMA Premium® efficiency
- CE-marked for EU compliance
- 100% copper windings on all ratings

Applications

- Hoists
- Baggage handling
- Conveyors
- Packaging equipment
- Door operators
- Unit handling
- Elevators

D-series brake motor, three phase, foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt													
1/2	1800	56	TENV	**BNM3538-D**	1,571	UH3	14.96	43	81.5	208-230/460	1.0	6	1
3/4	1800	56	TENV	**BNM3542-D**	2,136	UH3	14.96	47	82.5	208-230/460	1.2	6	1
1	1800	56	TENV	**EBNM3546-D**	2,398	UH3	15.96	51	85.5	230/460	1.7	6	1, 10
		145TY	TENV	**EBNM3546T-D**	2,398	UH3	16.02	51	85.5	230/460	1.7	6	1, 10
1 1/2	1800	145TY	TENV	**EBNM3554T-D**	2,590	UH3	16.00	62	86.5	230/460	2.3	10	10
2	1800	145TY	TEFC	**EBM3558T-D**	2,766	UH3	17.35	61	86.5	230/460	2.8	10	1
3	1800	182T	TEFC	**EBM3611T-D**	3,583	UH3	21.63	104	89.5	230/460	4.1	15	1
5	1800	184T	TEFC	**EBM3615T-D**	4,332	UH3	23.13	117	89.5	230/460	6.7	15	1
7 1/2	1800	213T	TEFC	**EBM3710T-D**	5,826	UH3	25.37	170	91.7	230/460	9.5	35	1
10	1800	215T	TEFC	**EBM3714T-D**	7,170	UH3	26.92	165	91.7	230/460	12.0	50	1

D-series brake motor, three phase, C-face foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt													
2	1800	145TCY	TEFC	**CEBM3558T-D**	2,923	UH3	17.35	61	86.5	230/460	2.8	10	1
3	1800	182TC	TEFC	**CEBM3611T-D**	3,705	UH3	21.64	103	89.5	230/460	4.1	15	1
5	1800	184TC	TEFC	**CEBM3615T-D**	4,295	UH3	23.13	121	89.5	230/460	6.7	25	1
7 1/2	1800	213TC	TEFC	**CEBM3710T-D**	6,056	UH3	26.11	141	91.7	230/460	9.5	25	1
10	1800	215TC	TEFC	**CEBM3714T-D**	7,402	UH3	26.86	165	91.7	230/460	12.0	35	1

D-series brake motor, three phase, C-face footless



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt													
1/2	1800	56C	TEFC	**VBM3538-D**	2,045	UH3	16.25	46	81.5	208-230/460	1.0	3	1
		56C	TENV	**VBNM3538-D**	2,091	UH3	15.96	44	81.5	208-230/460	1.0	3	1
3/4	1800	56C	TEFC	**VBM3542-D**	2,123	UH3	16.29	52	82.5	208-230/460	1.2	6	1
		56C	TEFC	**VEBM3542-D**	2,330	UH3	16.29	50	82.5	208-230/460	1.2	6	1
		56C	TENV	**VBNM3542-D**	2,172	UH3	15.96	48	82.5	208-230/460	1.2	6	1
1	1800	56C	TEFC	**VEBM3546-D**	2,424	UH3	16.29	54	85.5	230/460	1.6	6	1
		56C	TENV	**VEBNM3546-D**	2,445	UH3	15.96	51	85.5	230/460	1.7	6	
		143TC	TEFC	**VEBM3546T-D**	2,603	UH3	19.19	51	85.5	230/460	1.6	6	1
1 1/2	1800	56C	TEFC	**VEBM3554-D**	2,524	UH3	17.29	58	86.5	230/460	2.3	10	1
		145TC	TEFC	**VEBM3554T-D**	2,709	UH3	17.19	58	86.5	230/460	2.3	10	1
		145TC	TENV	**VEBNM3554T-D**	2,654	UH3	16.88	62	86.5	230/460	2.3	10	
2	1800	56C	TEFC	**VEBM3558-D**	2,752	UH3	17.29	57	86.5	230/460	2.8	10	1
		145TC	TEFC	**VEBM3558T-D**	2,766	UH3	17.19	62	86.5	230/460	2.8	10	1
3	1800	182TC	TEFC	**VEBM3611T-D**	3,652	UH3	21.63	101	89.5	230/460	4.2	15	1
5	1800	184TC	TEFC	**VEBM3615T-D**	4,403	UH3	23.14	117	89.5	230/460	6.7	15	1
7 1/2	1800	213TC	TEFC	**VEBM3710T-D**	5,996	UH3	26.17	151	91.7	230/460	9.5	25	1
10	1800	215TC	TEFC	**VEBM3714T-D**	6,952	UH3	27.67	177	91.7	230/460	12.5	35	1
575 volt													
1	1800	143TC	TEFC	**VEBM3546T-5D**	2,603	UH3	17.19	52	85.5	575	1.3	6	1
1 1/2	1800	145TC	TEFC	**VEBM3554T-5D**	2,709	UH3	17.19	55	86.5	575	1.7	10	1
2	1800	145TC	TEFC	**VEBM3558T-5D**	2,766	UH3	17.19	62	86.5	575	2.2	10	1
3	1800	182TC	TEFC	**VEBM3611T-5D**	3,652	UH3	21.64	101	89.5	575	3.1	15	1
5	1800	184TC	TEFC	**VEBM3615T-5D**	4,403	UH3	23.14	117	89.5	575	5.2	15	1

D-Series motor brakes

3 to 50 Ft-Lbs Static Torqe

Features
- Single non-asbestos friction disc
- Released when power applied to coil

Applications
- Motor Brake

D-Series Motor Brake, DBSS Model

Double C-Face Coupler



Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
12 VDC					
3	56C	**031093**	840	CB20	13
3	140TC	**031099**	840	CB20	13
6	56C	**031105**	1,768	CB20	13
10	56C	**031117**	964	CB20	13
15	56C	**031129**	1,070	CB20	13
20	56C	**031141**	1,340	CB20	13
25	56C	**031153**	1,564	CB20	13
25	140TC	**031159**	1,564	CB20	13
24 VDC					
3	56C	**031092**	1,680	CB20	13
3	140TC	**031098**	840	CB20	13
6	56C	**031104**	1,768	CB20	13
6	140TC	**031110**	1,244	CB20	13
10	56C	**031116**	1,928	CB20	13
10	140TC	**031122**	964	CB20	13
15	56C	**031128**	1,070	CB20	13
15	140TC	**031134**	1,070	CB20	13
20	56C	**031140**	1,340	CB20	13
20	140TC	**031146**	1,340	CB20	13
25	56C	**031152**	1,564	CB20	13
25	140TC	**031158**	1,564	CB20	13
48 VDC					
3	56C	**031091**	840	CB20	13
3	140TC	**031097**	840	CB20	13
6	56C	**031103**	1,768	CB17	13
6	140TC	**031109**	884	CB20	13
10	56C	**031115**	964	CB20	13
10	140TC	**031121**	1,928	CB20	13
15	56C	**031127**	1,616	CB20	13
20	56C	**031139**	1,340	CB20	13
20	140TC	**031145**	1,340	CB20	13
25	56C	**031151**	1,564	CB20	13

D-Series Motor Brake, DBSS Model

Double C-Face Coupler

Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
48 VDC					
25	140TC	**031157**	1,564	CB20	13
104/208 VAC, 60Hz					
3	56C	**031088**	578	CB20	13
3	140TC	**031094**	578	CB20	13
6	56C	**031100**	1,244	CB20	13
10	56C	**031112**	702	CB20	13
10	140TC	**031118**	702	CB20	13
15	56C	**031124**	808	CB20	13
15	140TC	**031130**	808	CB20	13
20	56C	**031136**	1,078	CB20	13
20	140TC	**031142**	1,078	CB20	13
25	56C	**031148**	1,302	CB20	13
25	140TC	**031154**	1,302	CB20	13
115/208-230 VAC, 60Hz					
3	56C	**031369**	1,156	CB20	13
3	140TC	**031375**	1,156	CB20	13
6	56C	**031411**	1,244	CB20	13
6	140TC	**031417**	1,244	CB20	13
10	56C	**031453**	1,404	CB20	13
10	140TC	**031459**	1,404	CB20	13
15	56C	**031342**	1,616	CB20	13
15	140TC	**031495**	1,616	CB20	13
20	56C	**031345**	2,156	CB20	13
20	140TC	**031525**	1,078	CB20	13
25	56C	**031348**	1,302	CB20	13
25	140TC	**031555**	2,604	CB20	13
190/380 VAC, 50Hz					
3	56C	**031089**	578	CB20	13
3	140TC	**031095**	578	CB20	13
6	56C	**031101**	1,244	CB20	13
6	140TC	**031107**	1,244	CB20	13
10	56C	**031113**	702	CB20	13
10	140TC	**031119**	702	CB20	13
15	56C	**031125**	808	CB20	13
15	140TC	**031131**	808	CB20	13
20	56C	**031137**	1,078	CB20	13
20	140TC	**031143**	1,078	CB20	13
25	56C	**031149**	1,302	CB20	13
25	140TC	**031155**	1,302	CB20	13
208-230/460 VAC, 60Hz					
3	56C	**031371**	1,156	CB20	13
3	140TC	**031377**	1,156	CB20	13
6	56C	**031413**	1,244	CB20	13
6	140TC	**031419**	1,244	CB20	13
10	56C	**031455**	1,404	CB20	13
10	140TC	**031461**	1,404	CB20	13
15	56C	**031343**	1,616	CB20	13

D-Series Motor Brake, DBSS Model

Double C-Face Coupler

Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
208-230/460 VAC, 60Hz					
15	140TC	**031497**	1,616	CB20	13
20	56C	**031346**	2,156	CB20	13
20	140TC	**031527**	2,156	CB20	13
25	56C	**031349**	2,604	CB20	13
25	140TC	**031557**	2,604	CB20	13
250/500 VAC, 50Hz					
3	56C	**031090**	578	CB20	13
3	140TC	**031096**	578	CB20	13
6	56C	**031102**	1,342	CB20	13
6	140TC	**031108**	622	CB20	13
10	56C	**031114**	702	CB20	13
10	140TC	**031120**	702	CB20	13
15	56C	**031126**	808	CB20	13
15	140TC	**031132**	808	CB20	13
20	56C	**031138**	1,078	CB20	13
20	140TC	**031144**	1,078	CB20	13
25	56C	**031150**	1,302	CB20	13
25	140TC	**031156**	1,302	CB20	13
287/575 VAC, 60Hz					
3	56C	**031373**	1,156	CB20	13
3	140TC	**031379**	578	CB20	13
6	56C	**031415**	1,244	CB20	13
6	140TC	**031421**	622	CB20	13
10	56C	**031457**	702	CB20	13
10	140TC	**031463**	702	CB20	13
15	56C	**031344**	808	CB20	13
15	140TC	**031499**	1,616	CB20	13
20	56C	**031347**	1,521	CB20	13
20	140TC	**031529**	1,078	CB20	13
25	56C	**031350**	1,302	CB20	13
25	140TC	**031559**	1,302	CB20	13

D-Series Motor Brake, DBSC Model

Single C-face (Fan end mounting)



Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
12 VDC					
3	56C	**031005**	756	CB20	11
3	140TC	**031014**	756	CB20	11
6	56C	**031020**	818	CB20	11
6	140TC	**031029**	818	CB20	11
6	180TC	**027031**	956	CB20	20
10	56C	**031035**	908	CB20	11
10	140TC	**031161**	908	CB20	11
10	180TC	**027040**	1,046	CB20	20
15	56C	**031048**	1,022	CB20	11
15	140TC	**031057**	1,022	CB20	11
15	180TC	**027049**	1,160	CB20	20
20	56C	**031063**	1,134	CB20	11
20	140TC	**031072**	1,134	CB20	11
25	56C	**031078**	1,352	CB20	11
25	140TC	**031087**	1,352	CB20	11
25	180TC	**027058**	1,272	CB20	20
35	180TC	**027076**	1,630	CB20	20
50	180TC	**027085**	1,890	CB20	20
24 VDC					
3	56C	**031004**	756	CB20	11
3	140TC	**031013**	756	CB20	11
6	140TC	**031028**	818	CB20	11
6	180TC	**027030**	1,912	CB20	20
10	56C	**031034**	908	CB20	11
10	140TC	**031160**	908	CB20	11
10	180TC	**027039**	1,046	CB20	20
15	56C	**031047**	1,022	CB20	11
15	140TC	**031056**	1,022	CB20	11
15	180TC	**027048**	1,160	CB20	20
20	56C	**031062**	1,134	CB20	11
20	140TC	**031071**	1,134	CB20	11
20	180TC	**027057**	1,272	CB20	20
25	56C	**031077**	1,352	CB20	11
25	140TC	**031086**	1,352	CB20	11
35	180TC	**027075**	1,630	CB20	20
50	180TC	**027084**	1,890	CB20	20
48 VDC					
3	56C	**031003**	756	CB20	11
3	140TC	**031012**	756	CB20	11
6	56C	**031018**	818	CB20	11
6	140TC	**031027**	818	CB20	11
6	180TC	**027029**	956	CB20	20

D-Series Motor Brake, DBSC Model

Single C-face (Fan end mounting)

Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
48 VDC					
10	56C	**031033**	908	CB20	11
10	140TC	**031042**	908	CB20	11
10	180TC	**027038**	1,046	CB20	20
15	56C	**031046**	1,022	CB20	11
15	140TC	**031055**	1,022	CB20	11
15	180TC	**027047**	1,160	CB20	20
20	140TC	**031070**	1,134	CB20	11
20	180TC	**027056**	1,272	CB20	20
25	56C	**031076**	1,352	CB20	11
25	140TC	**031085**	1,352	CB20	11
35	180TC	**027074**	1,630	CB20	20
50	180TC	**027083**	1,890	CB20	20
100/200 VAC, 60Hz					
6	140TC	**031021**	556	CB20	11
10	56C	**031030**	646	CB20	11
104/208 VAC, 60Hz					
3	56C	**031000**	494	CB20	11
3	140TC	**031006**	494	CB20	11
6	56C	**031015**	556	CB20	11
6	180TC	**027026**	694	CB20	20
10	140TC	**031036**	646	CB20	11
10	180TC	**027035**	784	CB20	20
15	56C	**031043**	760	CB20	11
15	56C	**031058**	872	CB20	11
15	140TC	**031049**	760	CB20	11
15	180TC	**027044**	898	CB20	20
20	140TC	**031064**	872	CB20	11
20	180TC	**027053**	1,010	CB20	20
25	56C	**031073**	988	CB20	11
25	140TC	**031079**	1,976	CB20	11
35	180TC	**027071**	1,266	CB20	20
50	180TC	**027080**	1,526	CB20	20
115/208-230 VAC, 60Hz					
3	56C	**031351**	988	CB20	11
3	140TC	**031007**	494	CB20	11
6	56C	**031393**	1,112	CB20	11
6	140TC	**031022**	556	CB20	11
6	180TC	**027023**	694	CB20	20
10	56C	**031435**	1,292	CB20	11
10	140TC	**031037**	646	CB20	11
10	180TC	**027032**	1,568	CB20	20
15	56C	**031477**	1,520	CB20	11
15	140TC	**031050**	1,520	CB20	11
15	180TC	**027041**	898	CB20	20
20	56C	**031507**	872	CB20	11
20	180TC	**027050**	1,010	CB20	20
25	56C	**031537**	988	CB20	11

D-Series Motor Brake, DBSC Model

Single C-face (Fan end mounting)

Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
115/208-230 VAC, 60Hz					
25	140TC	**031080**	988	CB20	11
35	180TC	**027068**	2,532	CB20	20
50	180TC	**027077**	1,526	CB20	20
190/380 VAC, 50Hz					
3	56C	**031001**	494	CB20	11
3	140TC	**031008**	494	CB20	11
6	56C	**031016**	556	CB20	11
6	180TC	**027027**	694	CB20	20
10	56C	**031031**	646	CB20	11
10	140TC	**031038**	1,292	CB20	11
10	180TC	**027036**	784	CB20	20
15	56C	**031044**	1,022	CB20	11
15	140TC	**031051**	760	CB20	11
15	180TC	**027045**	898	CB20	20
20	56C	**031059**	872	CB20	11
20	140TC	**031066**	872	CB20	11
20	180TC	**027054**	1,010	CB20	20
25	56C	**031074**	988	CB20	11
25	140TC	**031081**	1,976	CB20	11
35	180TC	**027072**	1,266	CB20	20
50	180TC	**027081**	1,526	CB20	20
208-230/460 VAC, 60Hz					
3	56C	**031353**	988	CB20	11
3	140TC	**031009**	494	CB20	11
6	56C	**031395**	1,112	CB20	11
6	140TC	**031024**	1,112	CB20	11
6	180TC	**027024**	694	CB20	20
10	56C	**031437**	1,292	CB20	11
10	140TC	**031039**	1,292	CB20	11
10	180TC	**027033**	784	CB20	20
15	56C	**031479**	1,520	CB20	11
15	140TC	**031052**	1,520	CB20	11
15	180TC	**027042**	1,796	CB20	20
20	56C	**031509**	872	CB20	11
20	140TC	**031067**	872	CB20	11
20	180TC	**027051**	1,010	CB20	20
25	140TC	**031082**	1,976	CB20	11
35	180TC	**027069**	2,532	CB20	20
50	180TC	**027078**	3,052	CB20	20
250/500 VAC, 50Hz					
3	56C	**031002**	494	CB20	11
3	140TC	**031010**	494	CB20	11
6	56C	**031017**	556	CB20	11
6	140TC	**031025**	556	CB20	11
6	180TC	**027028**	694	CB20	20
10	56C	**031032**	646	CB20	11
10	140TC	**031040**	646	CB20	11

D-Series Motor Brake, DBSC Model

Single C-face (Fan end mounting)

Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
250/500 VAC, 50Hz					
10	180TC	**027037**	784	CB20	20
15	56C	**031045**	760	CB20	11
15	140TC	**031053**	760	CB20	11
15	180TC	**027046**	898	CB20	20
20	56C	**031060**	872	CB20	11
20	140TC	**031068**	872	CB20	11
20	180TC	**027055**	1,010	CB20	20
25	56C	**031075**	988	CB20	11
25	140TC	**031083**	988	CB20	11
35	180TC	**027073**	1,266	CB20	20
50	180TC	**027082**	1,526	CB20	20
287/575 VAC, 60Hz					
3	56C	**031355**	988	CB20	11
3	140TC	**031011**	494	CB20	11
6	56C	**031397**	1,112	CB20	11
6	180TC	**027025**	694	CB20	20
10	56C	**031439**	1,292	CB20	11
10	140TC	**031041**	1,292	CB20	11
10	180TC	**027034**	784	CB20	20
15	56C	**031481**	760	CB20	11
15	140TC	**031054**	1,520	CB20	11
15	180TC	**027043**	898	CB20	20
20	56C	**031511**	872	CB20	11
20	140TC	**031069**	872	CB20	11
20	180TC	**027052**	1,010	CB20	20
25	56C	**031541**	988	CB20	11
25	140TC	**031084**	988	CB20	11
35	180TC	**027070**	1,266	CB20	20
50	180TC	**027079**	1,526	CB20	20

D-Series Motor Brake, DBEC Model



Single C-face (Fan end mounting)
White Washdown

Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
115/208-230 VAC, 60Hz					
3	56C	**031910**	880	CB20	14
3	140TC	**029436**	880	CB20	14
6	140TC	**029439**	1,058	CB20	14
10	56C	**031915**	1,168	CB20	14
10	140TC	**029442**	1,168	CB20	14
15	56C	**031918**	1,282	CB20	14
15	140TC	**029445**	1,282	CB20	14
20	56C	**031921**	1,422	CB20	14
20	140TC	**029448**	1,422	CB20	14
25	56C	**031924**	1,562	CB20	14
25	140TC	**029451**	1,562	CB20	14
208-230/460 VAC, 60Hz					
3	56C	**031716**	880	CB20	14
3	140TC	**029437**	880	CB20	14
6	56C	**031718**	2,116	CB20	14
6	140TC	**029440**	1,058	CB20	14
10	56C	**031916**	2,336	CB20	14
10	140TC	**029443**	1,168	CB20	14
15	56C	**031919**	1,282	CB20	14
15	140TC	**029446**	1,321	CB20	14
20	56C	**031922**	1,422	CB20	14
20	140TC	**029449**	1,422	CB20	14
25	56C	**031925**	1,562	CB20	14
25	140TC	**029452**	1,562	CB20	14
287/575 VAC, 60Hz					
3	56C	**031911**	880	CB20	14
3	140TC	**029438**	880	CB20	14
6	56C	**031914**	2,116	CB20	14
6	140TC	**029441**	1,058	CB20	14
10	56C	**031917**	1,168	CB20	14
15	56C	**031920**	1,282	CB20	14
15	140TC	**029447**	1,282	CB20	14
20	56C	**031923**	1,422	CB20	14
20	140TC	**029450**	1,422	CB20	14
25	56C	**031926**	1,562	CB20	14

D-Series Motor Brake, DBES Model



Double C-Face Coupler
E-Z KLEEN (Food Duty/ NEMA 4X)

Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
115/208-230 VAC, 60Hz					
3	56C	**030381**	900	CB20	14
10	56C	**030387**	1,188	CB20	14
10	140TC	**029406**	2,376	CB20	14
15	56C	**030390**	1,302	CB20	14
20	56C	**030393**	1,442	CB20	14
20	140TC	**029412**	2,884	CB20	14
25	56C	**030396**	1,700	CB20	14
25	140TC	**029415**	1,700	CB20	14
208-230/460 VAC, 60Hz					
3	56C	**030382**	2,063	CB20	14
3	140TC	**029401**	900	CB20	14
6	56C	**030385**	2,156	CB20	14
6	140TC	**029404**	2,156	CB20	14
10	56C	**030388**	1,188	CB20	14
10	140TC	**029407**	1,188	CB20	14
15	56C	**030391**	1,302	CB20	14
20	56C	**030394**	1,442	CB20	14
20	140TC	**029413**	1,442	CB20	14
25	56C	**030397**	1,700	CB20	14
25	140TC	**029416**	1,700	CB20	14
287/575 VAC, 60Hz					
3	56C	**030383**	900	CB20	14
3	140TC	**029402**	900	CB20	14
6	56C	**030386**	1,078	CB20	14
6	140TC	**029405**	1,078	CB20	14
10	56C	**030389**	1,188	CB20	14
15	56C	**030392**	1,302	CB20	14
15	140TC	**029411**	1,302	CB20	14
20	56C	**030395**	1,442	CB20	14
20	140TC	**029414**	1,442	CB20	14
25	56C	**030398**	1,700	CB20	14
25	140TC	**029417**	1,700	CB20	14

Short series brake motor

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
- Includes phase insulation. Suitable for use on inverter.
- Super-E® motors have NEMA Premium® efficiency
- Class F insulated motor with 1.15 service factor or higher that operates within Class “B” temperature limits at rated horsepower.
- CE-marked for EU compliance
- 100% copper windings on all ratings

Applications

- Hoists
- Baggage handling
- Conveyors
- Packaging equipment
- Door operators
- Unit handling
- Elevators

Short series brake motor, three phase, foot mounted



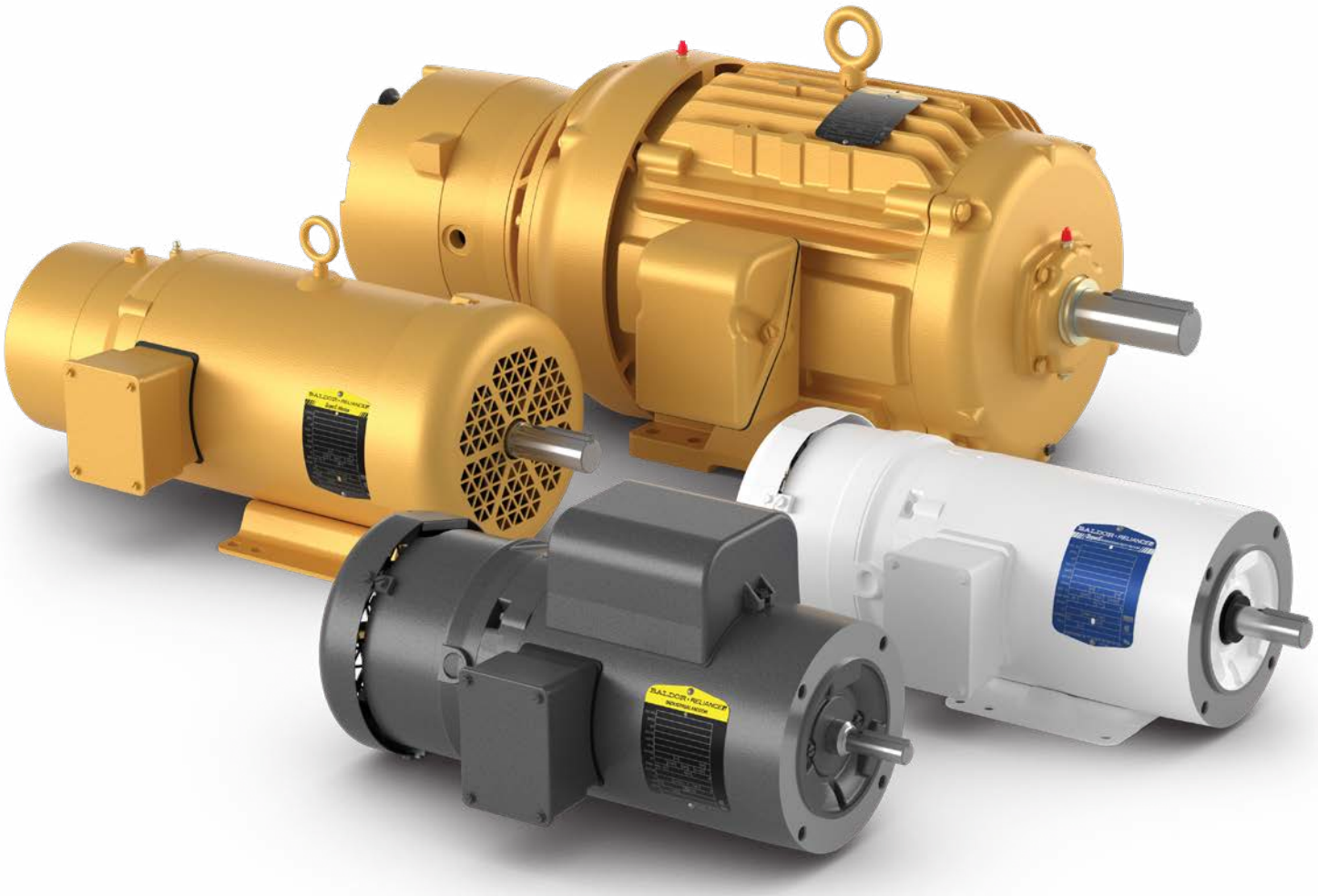
Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt												
1	1800	56	**EBM3546-S**	2,197	UH3	14.37	51	85.5	230/460	1.6	6	10
		143TY	**EBM3546T-S**	2,213	UH3	15.40	51	85.5	230/460	1.6	6	10
1 1/2	1800	145TY	**EBM3554T-S**	2,401	UH3	15.40	54	86.5	230/460	2.3	10	10
2	1800	145TY	**EBM3558T-S**	2,480	UH3	15.40	58	86.5	230/460	2.8	10	
3	1800	182T	**EBM3611T-S**	2,924	UH3	19.05	83	89.5	230/460	4.2	15	
5	1800	184T	**EBM3615T-S**	3,422	UH3	20.56	106	89.5	230/460	6.7	25	

Short series brake motor, three phase, C-face footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt												
1/2	1800	56C	**VBM3538-S**	1,941	UH3	14.34	41	81.5	208-230/460	1.0	3	
3/4	1800	56C	**VBM3542-S**	2,019	UH3	14.34	47	82.5	208-230/460	1.2	3	
1	1800	56C	**VEBM3546-S**	2,259	UH3	14.34	51	85.5	230/460	1.6	6	
		143TC	**VEBM3546T-S**	2,277	UH3	14.40	51	85.5	230/460	1.6	6	
1 1/2	1800	56C	**VEBM3554-S**	2,449	UH3	15.37	54	86.5	230/460	2.3	10	
		145TC	**VEBM3554T-S**	2,465	UH3	15.43	54	86.5	230/460	2.3	10	10
2	1800	56C	**VEBM3558-S**	2,528	UH3	15.34	58	86.5	230/460	2.8	10	
		145TC	**VEBM3558T-S**	2,544	UH3	15.40	58	86.5	230/460	2.8	10	
3	1800	182TC	**VEBM3611T-S**	3,046	UH3	19.05	83	89.5	230/460	4.2	15	
5	1800	184TC	**VEBM3615T-S**	3,544	UH3	20.56	106	89.5	230/460	6.7	25	
575 volt												
1/2	1800	56C	**VBM3538-5S**	1,941	UH3	14.37	42	80.0	575	0.8	3	
1	1800	56C	**VEBM3546-5S**	2,259	UH3	15.34	51	85.5	575	1.3	6	
1 1/2	1800	145TC	**VEBM3554T-5S**	2,465	UH3	15.43	54	86.5	575	1.7	10	10

Brake Motors



Brake Motors

ABB's Baldor-Reliance brake motors offer top efficiency and reliability, meeting NEMA Premium® efficiency standards. With easy-to-install spring-set brakes and seamless integration with variable speed drives, they enhance performance and cut costs. Ideal for general, washdown and explosion-proof applications, they provide versatile, high-performance solutions.



Brake motor, general purpose



Brake motor, general purpose



Brake motor, fan on drive-end



Brake motor, fan on drive-end



Brake motors, Dings



White Washdown, Brake Motor



Brake Kits

Brake motor, general purpose
1/4 thru 1 Hp

IP44

Features
- Manual release
- Spring-set brake
- Vibration damping base
- Usable at 208 volts
- May be mounted for vertical mounting with brake above or below motor.
- 100% copper windings on all ratings

Applications
- Conveyors
- Unit handling
- Machine tools
- Door operators
- Speed reducers
- Packaging equipment
- General purpose applications

Brake Motor, single phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
115/230 volt												
1/4	1800	56	**BL3516**	1,548	BE1	14.36	27	59.5	115/230	2.1	3	2, 60
1/3	1800	56	**BL3517**	1,632	BE1	15.46	27	60.0	115/230	3.0	3	
1/2	1800	56	**BL3518**	1,770	BE1	16.08	32	68.0	115/230	3.7	3	

Brake Motor, single phase, TEFC, C-face footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
115/230 volt												
1/3	1800	56C	**KBL3406**	1,714	BE1	15.45	27	60.0	115/230	3.0	3	30, 41
1/2	1800	56C	**KBL3409**	1,880	BE1	16.07	32	68.0	115/230	3.7	3	30, 41
3/4	1800	56C	**VBL3507**	2,442	BE1	16.82	40	72.0	115/230	4.2	6	30, 41
1	1800	56C	**VBL3510**	2,587	BE1	17.80	49	80.0	115/230	4.7	6	30, 41
		143TC	**VBL3510T**	2,587	BE1	17.86	49	80.0	115/230	4.7	6	30, 41

Brake motor, general purpose
1/3 thru 30 Hp

IP44

Features
- Manual release
- Spring-set brake
- Vibration damping base
- Super-E® motors have NEMA Premium® efficiency
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2
- Most suitable for vertical mounting with brake above or below motor.
- 100% copper windings on all ratings

Applications
- Conveyors
- Unit handling
- Machine tools
- Door operators
- Speed reducers
- Packaging equipment
- General purpose applications

Brake Motor, three phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt												
1/3	1800	56	**BM3569**	1,505	BE3	14.36	27	70.0	208-230/460	0.7	3	2, 38, 60
1/2	1800	56	**BM3538**	1,635	BE3	14.98	31	75.5	208-230/460	0.9	3	2, 38, 60
	1200	56	**BM3539**	2,253	BE3	16.45	35	72.0	230/460	1.2	6	30, 38
3/4	1800	56	**BM3542**	1,913	BE3	16.45	31	75.5	208-230/460	1.5	6	38
	1200	56	**BM3543**	2,365	BE3	17.45	39	77.0	208-230/460	1.5	6	38
1	1800	56	**EBM3546**	2,594	BE3	16.85	44	85.5	230/460	1.6	6	30
		143T	**EBM3546T**	2,646	BE3	14.40	46	85.5	230/460	1.6	6	30
1 1/2	1800	56	**EBM3554Y**	2,722	BE3	17.11	48	86.5	230/460	2.3	10	30
		145T	**EBM3554T**	2,979	BE3	17.86	52	86.5	230/460	2.3	10	30
2	1800	145T	**EBM3558T**	3,127	BE3	15.40	57	86.5	230/460	2.8	10	30
3	1800	182T	**EBM3611T**	3,944	BE3	21.12	89	89.5	230/460	4.2	15	30
5	1800	184T	**EBM3615T**	4,782	BE3	22.65	106	89.5	230/460	6.7	25	30, 42
7 1/2	1800	213T	**EBM3710T**	6,307	BE3	27.20	158	91.7	230/460	9.5	35	30, 40
10	1800	215T	**EBM3714T**	7,927	BE3	29.19	165	91.7	230/460	12.5	50	30, 40
15	1800	254T	**EBM2333T**	11,214	BE3	33.07	337	92.4	230/460	18.1	75	30
20	1800	256T	**EBM2334T**	14,550	BE3	33.57	398	93.0	230/460	24.0	105	30
25	1800	284T	**EBM4103T**	18,380	BE3	39.66	516	93.6	230/460	31.0	105	30
30	1800	284T	**EBM4104T**	20,727	BE3	41.72	667	93.6	230/460	38.0	125	30

Cast iron frame

Brake Motor, three phase, TEFC, C-face foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt												
1	1800	143TC	**CEBM3546T**	2,587	BE3	17.86	43	85.5	230/460	1.7	6	
1 1/2	1800	145TC	**CEBM3554T**	2,786	BE3	17.86	48	86.5	230/460	2.3	10	
2	1800	145TC	**CEBM3558T**	2,865	BE3	17.86	52	86.5	230/460	2.8	10	
3	1800	182TC	**CEBM3611T**	3,203	BE3	21.11	81	89.5	230/460	4.2	15	1
5	1800	184TC	**CEBM3615T**	3,753	BE3	23.06	101	89.5	230/460	6.7	25	1, 42
7 1/2	1800	213TC	**CEBM3710T**	6,881	BE3	27.95	149	91.7	230/460	9.5	25	1, 40
10	1800	215TC	**CEBM3714T**	7,504	BE3	29.95	183	91.7	230/460	12.5	35	1, 42

Brake Motor, three phase, TEFC, C-face footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt												
1/4	1800	56C	**KBM3454**	1,413	BE3	14.36	26	68.0	208-230/460	0.5	3	2, 38, 60
1/3	1800	56C	**KBM3458**	1,502	BE3	14.36	23	70.0	208-230/460	0.7	3	2, 38, 60
1/2	1800	56C	**VBM3538**	1,673	BE3	14.98	30	75.5	208-230/460	0.9	3	2, 38, 60
		56C	**VEBNM3538**	2,361	BE3	15.31	37	81.5	230/460	1.0	3	60
3/4	1800	56C	**VBM3542**	1,960	BE3	15.86	35	75.0	208-230/460	1.3	6	2, 38, 60
		56C	**VEBNM3542**	2,654	BE3	15.31	53	82.5	208-230/460	1.2	6	60
1	1800	56C	**VEBM3546**	2,256	BE3	16.86	45	85.5	230/460	1.6	6	1, 30
		143TC	**VEBM3546T**	2,587	BE3	16.87	45	85.5	230/460	1.6	6	1, 30
1 1/2	1800	56C	**VEBM3554**	2,709	BE3	17.80	53	86.5	230/460	2.3	6	1, 30
		145TC	**VEBM3554T**	2,786	BE3	17.86	52	86.5	230/460	2.3	10	1, 30
2	1800	56C	**VEBM3558**	2,789	BE3	17.86	56	86.5	230/460	2.8	6	1, 30
		143TC	**VEBM3558T**	2,865	BE3	17.87	57	86.5	230/460	2.8	10	1, 30
3	1800	182TC	**VEBM3611T**	3,203	BE3	21.11	80	89.5	230/460	4.2	15	1, 30
5	1800	184TC	**VEBM3615T**	3,753	BE3	23.06	99	89.5	230/460	6.7	25	1, 30, 42
7 1/2	1800	213TC	**VEBM3710T**	6,881	BE3	27.89	172	91.7	230/460	9.5	35	1, 30, 40
10	1800	215TC	**VEBM3714T**	7,504	BE3	29.89	165	91.7	230/460	12.5	50	1, 30, 42
575 volt												
3/4	1800	56C	**VBM3542-5**	1,960	BE3	15.26	40	82.5	575	1.0	6	2, 60
1	1800	143TC	**VEBM3546T-5**	2,587	BE3	17.87	44	85.5	575	1.3	6	1
1 1/2	1800	145TC	**VEBM3554T-5**	2,786	BE3	17.86	52	86.5	575	1.7	10	1, 42
2	1800	145TC	**VEBM3558T-5**	2,865	BE3	17.87	57	86.5	575	2.2	10	1, 42
3	1800	182TC	**VEBM3611T-5**	3,203	BE3	15.56	83	89.5	575	3.1	15	1, 42

Brake Motor, three phase, ODP, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt												
1/2	1800	56	**BM3108**	1,495	BO3	14.14	27	74.0	230/460	1.0	3	30, 38
3/4	1800	56	**BM3112**	1,741	BO3	14.77	31	75.5	208-230/460	1.5	6	38
1	1800	56	**BM3116**	1,951	BO3	15.64	33	78.5	208-230/460	1.7	3	38
		143T	**EBM3116T**	2,274	BO3	15.37	49	85.5	230/460	1.6	6	
1 1/2	1800	145T	**EBM3154T**	2,524	BO3	16.37	48	86.5	230/460	2.3	10	30
2	1800	145T	**EBM3157T**	2,880	BO3	12.31	51	86.5	230/460	2.8	10	30
3	1800	182T	**EBM3211T**	3,534	BO3	19.57	83	89.5	230/460	4.2	15	30
5	1800	184T	**EBM3218T**	4,367	BO3	21.52	104	89.5	230/460	6.4	25	30, 42
		184T	**EBM3248T**	3,753	BO3	21.06	104	89.5	230/460	6.4	15	30
7 1/2	1800	213T	**EBM3311T**	5,488	BO3	24.45	149	91.0	230/460	9.8	35	30, 40
10	1800	215T	**EBM3313T**	6,883	BO3	26.08	159	91.7	230/460	12.5	50	30, 42
15	1800	254T	**EBM2513T**	9,118	BO3	29.88	272	93.0	230/460	18.2	75	30, 42

Brake Motor, three phase, ODP, C-face footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt												
1/2	1800	56C	**VBM3108**	1,576	BO3	14.36	28	75.5	230/460	0.8	3	30, 38
3/4	1800	56C	**VBM3112**	1,831	BO3	15.36	31	75.5	208-230/460	1.5	6	38
1	1800	56C	**VBM3116**	1,994	BO3	15.36	33	78.5	208-230/460	1.7	6	38
		143TC	**VEBM3116T**	2,541	BO3	15.37	44	85.5	230/460	1.6	6	30
1 1/2	1800	56C	**VBM3154**	2,317	BO3	15.26	44	80.0	208-230/460	2.6	10	
		145TC	**VEBM3154T**	2,654	BO3	15.37	44	86.5	230/460	2.3	10	30
2	1800	145TC	**VEBM3157T**	2,745	BO3	16.37	50	86.5	230/460	2.8	10	30
3	1800	182TC	**VEBM3211T**	3,148	BO3	19.57	81	89.5	230/460	4.2	15	30
5	1800	184TC	**VEBM3218T**	3,787	BO3	21.52	100	89.5	230/460	6.6	25	30, 42
		184TC	**VEBM3248T**	3,288	BO3	21.07	99	89.5	230/460	6.6	15	30

Brake motor, fan on drive-end

3/4 thru 1 Hp

IP44*

Features
- Manual release
- Spring-set brake
- Fan on DE
- Easily accessible brake leads
- Vibration damping base
- Usable at 208 volts
- May be mounted for vertical mounting with brake above or below motor.
- 100% copper windings on all ratings

Applications
- Conveyors
- Unit handling
- Machine tools
- Door operators
- Speed reducers
- Packaging equipment
- General purpose applications

Brake Motor, single phase, TEFC, foot mounted, fan on drive end



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
115/230 volt												
3/4	1800	56	**BL3507**	2,396	BE1	16.71	42	72.0	115/230	4.2	6	
1	1800	56	**BL3510**	2,536	BE1	17.11	52	74.0	115/230	6.3	6	

Brake motor, fan on drive-end

1 thru 30 Hp

IP44*

Features
- Manual release
- Spring-set brake
- Fan on DE
- Easily accessible brake leads
- Vibration damping base
- NEMA Premium® efficiency
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2
- 100% copper windings on all ratings

Applications
- Conveyors
- Unit handling
- Machine tools
- Door operators
- Speed reducers
- Packaging equipment
- General purpose applications

Brake Motor, three phase, TEFC, foot mounted, fan on drive end



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt												
1	1800	182	**EBM3603Y**	2,854	BE3	17.49	44	85.5	230/460	1.6	6	30, 41
	1200	145T	**EBM3556TY**	2,765	BE3	17.54	48	82.5	230/460	1.5	10	30, 41
1 1/2	1800	145T	**EBM3554TY**	2,722	BE3	17.49	48	86.5	230/460	2.3	10	30, 41
		184	**EBM3606Y**	3,035	BE3	17.49	48	86.5	230/460	2.3	10	30, 41
2	1800	56	**EBM3558Y**	2,801	BE3	17.16	52	86.5	230/460	2.8	10	30, 41
		145T	**EBM3558TY**	2,801	BE3	17.54	52	86.5	230/460	2.8	10	30, 41
		184	**EBM3609Y**	3,122	BE3	17.49	52	86.5	230/460	2.8	10	30, 41
	1200	184T	**EBM3614TY**	3,330	BE3	22.12	104	88.5	230/460	3.5	15	30, 41
3	1800	182T	**EBM3611TY**	3,081	BE3	15.00	77	89.5	230/460	4.2	15	1, 30, 41
		213	**EBM3703Y**	4,851	BE3	22.42	77	89.5	230/460	4.2	15	1, 30, 41
	1200	213T	**EBM3704TY**	6,685	BE3	27.01	154	89.5	230/460	4.6	35	1, 30, 40
5	1800	184T	**EBM3615TY**	3,631	BE3	25.00	101	89.5	230/460	6.7	25	1, 30, 40
		184T	**EBM3635TY**	3,130	BE3	15.00	100	89.5	230/460	6.7	15	1, 30, 41
		215	**EBM3707Y**	5,828	BE3	22.87	100	89.5	230/460	6.9	25	1, 30, 40
7 1/2	1800	213T	**EBM3710TY**	6,646	BE3	27.41	149	91.7	230/460	9.4	35	1, 30, 40
		213T	**EBM3730TY**	5,502	BE3	27.01	146	91.7	230/460	9.4	25	1, 30, 40
10	1800	215T	**EBM3714TY**	7,268	BE3	29.01	183	91.7	230/460	12.5	50	1, 30, 42
		215T	**EBM3734TY**	6,936	BE3	28.51	187	91.7	230/460	12.5	35	1, 30, 40
15	1800	254T	**EBM2353TY**	10,227	BE3	32.71	286	92.4	230/460	18.1	50	1, 30
20	1800	256T	**EBM2334TY**	14,550	BE3	32.71	287	93.0	230/460	24.0	105	1, 30
		256T	**EBM2354TY**	13,019	BE3	32.71	328	93.0	230/460	24.0	75	1, 30
25	1800	284TY	**EBM4103TY**	18,380	BE3	35.83	419	93.6	230/460	31.0	105	1, 30
30	1800	286T	**EBM4104TY**	20,575	BE3	39.13	570	93.6	230/460	38.0	125	1, 30

Cast iron frame

Brake motors, Dings

3 thru 10 Hp

ODP IP22 TEFC IP43

Features
- Manual release
- Spring-set brake
- Fan on DE
- Easily accessible brake leads
- Vibration damping base
- NEMA Premium® efficiency
- Three phase motors suitable for inverter use per NEMA MG1 Part 31.4.4.2
- 100% copper windings on all ratings

Applications
- Conveyors
- Unit handling
- Machine tools
- Door operators
- Speed reducers
- Packaging equipment
- General purpose applications

Brake Motor, three phase, TEFC, foot mounted, Dings

Usable at 208 volts



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt												
3	1200	213T	**EBM3704TY-DI**	7,188	BE3	27.20	140	89.5	230/460	4.6	35	1, 40
5	1800	184T	**EBM3615T-DI**	5,141	BE3	23.22	125	89.5	230/460	6.7	25	42
		184T	**EBM3615TY-DI**	3,904	BE3	22.84	125	89.5	230/460	6.7	25	1, 40
		215	**EBM3707Y-DI**	6,266	BE3	22.84	127	89.5	230/460	6.9	25	1, 40
7 1/2	1800	213T	**EBM3710TY-DI**	7,145	BE3	27.20	157	91.7	230/460	9.4	35	1, 40
		213T	**EBM3730TY-DI**	5,915	BE3	27.20	157	91.7	230/460	9.4	25	1, 40
10	1800	215T	**EBM3714TY-DI**	7,815	BE3	28.70	195	91.7	230/460	12.5	50	1, 42
		215T	**EBM3734TY-DI**	7,456	BE3	27.20	195	91.7	230/460	12.5	35	1, 40

Brake Motor, three phase, TEFC, C-face foot mounted, Dings



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt												
5	1800	184TC	**CEBM3615T-DI**	3,753	BE3	23.20	123	89.5	230/460	6.7	25	1, 42

Brake Motor, three phase, TEFC, C-face footless, Dings

Usable at 208 volts



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt												
5	1800	184TC	**VEBM3615T-DI**	3,753	BE3	23.22	125	89.5	230/460	6.7	25	1, 42

Brake Motor, three phase, Open, foot mounted, Dings

Usable at 208 volts



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt												
5	1800	184T	**EBM3218T-DI**	4,367	BO3	21.84	122	89.5	230/460	6.4	25	42

Brake Motor, three phase, Open, C-face footless, Dings

Usable at 208 volts



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt												
5	1800	184TC	**VEBM3218T-DI**	3,787	BO3	21.84	122	89.5	230/460	6.6	25	42

White Washdown, Brake Motor
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
- Stainless steel shaft extension
- White epoxy, corrosion resistant finish
- 100% copper windings on all ratings

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

White Washdown, Brake Motor, C-face foot mounted



Hp	RPM	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Brake Rating	Notes
230/460 volt													
1/2	1800	56C	TENV	**CEWDBM3538**	3,435	WDW	15.31	42	81.5	208-230/460	1.0	3	1, 12, 41
3/4	1800	56C	TENV	**CEWDBM3542**	3,712	WDW	15.31	42	82.5	230/460	1.2	6	1, 12, 30, 41
1	1800	56C	TENV	**CEWDBM3546**	3,810	WDW	16.31	50	85.5	230/460	1.7	6	1, 30, 41
		143TC	TENV	**CEWDBM3546T**	3,736	WDW	16.81	51	85.5	230/460	1.7	6	1, 30, 41
1 1/2	1800	145TC	TENV	**CEWDBM3554T**	4,146	WDW	18.14	61	86.5	230/460	2.3	10	30, 41
2	1800	145TC	TEFC	**CEWDBM3558T**	4,219	WDW	18.56	60	86.5	230/460	2.8	10	1, 30, 41
3	1800	182TC	TEFC	**CEWDBM3611T**	5,105	WDW	15.00	93	89.5	230/460	4.2	15	1, 30, 41
5	1800	184TC	TEFC	**CEWDBM3615T**	6,167	WDW	23.27	110	89.5	230/460	6.7	25	2, 30, 42

Brake Kits

Features
- Double C-Face coupler brakes.
- Provides NEMA C-Face mounting on brake
- Spring set, electrically released

Applications
- Mounts on motors with C-Face

Double C-face motor brake kits



Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
3	56C	**CBK003-1**	1,940	SVC	12
6	56C	**CBK006-1**	2,047	SVC	12
6	145TC	**CBK006-2**	2,047	SVC	12
10	145TC	**CBK010-1**	2,258	SVC	11
15	145TC	**CBK015-1**	2,956	SVC	12

Variable Speed AC



Variable Speed AC

ABB's Baldor-Reliance variable speed motors provide precise control and efficiency. Tailored for variable speed environments, they offer options like encoders for accurate speed feedback and enhanced bearing protection. Ideal for HVAC systems, pumps, conveyors, cranes, extruders and winders, they optimize performance and reduce energy consumption.



RPM AC Inverter Duty



RPM AC Vector Duty



RPM AC Extruder Duty



RPM XE, eXtreme efficiency



RPM AC Accessories



V*S Master® RS, Vector Duty



V*S Master Inverter duty



V*S Master Vector duty



V*S Master Severe Duty, Vector drive



V*S Master® Accessories



EC Titanium motor (General Purpose SP5+)

Inverter Duty Product Line		RPM AC	RPM AC PM	V*S Master	EC Titanium
Frame Sizes	Frame size range for stock products	FL/RL180 - FL5800/ RL5000	FL/RL180 - FL5800/ RL5000	56C - 449T	143-215
Electrical features					
Inverter	Designed for adjustable frequency power and complies with MG1 – Part 31 for corona free operation	S	S	S	S
Torque	Constant torque performance	1000:1	1000:1	1000:1	10:1
Feedback device	Provisions for encoder mounting	S	S	S	–
	Vector Duty - stocked with encoder mounted	S	S	S	–
Insulation	Class H insulation	S	S	–	–
	Class F insulation	–	–	S	S
Temp rise	Class F insulation, Class B Temperature Rise	–	–	–	
	F rise or better for longer motor life	–	S	S	S
Rotor	PM synchronous rotor technology for improved efficiency and increased power density	–	S	–	S
	Low rotor inertia for high dynamic performance	S	S	–	–
Shaft Ground	Internal Shaft Grounding Brush for common mode voltage free operation	S	S	–	S
Winding protection	Winding thermal protection with quantity 3 N/C thermostats, one per phase	S	S	S	–
Mechanical features					
Frame	Laminated steel frame RL/FL180 - RL/FL5800	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	–	–
Mounting	Standard NEMA mounting for ease interchangability	–	–	S	S
Enclosure	DPG-FV enclosure	S	S	–	–
	TEBC enclosure	S	S	S	–
	TEFC enclosure	S	S	S	S
	TENV enclosure	S	S	S	–

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

RPM AC Inverter Duty

5 thru 1750 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
- Shaft Grounding Brush
- Optimum Pole designs
- QR Code provides motor data for inverter configuration

Applications

- Winders
- Extruders, conveyors, crane and hoist
- Centrifugal pumps and fans
- Web processing, process control, test stands

RPM AC, Inverter Duty, Induction rotor, DPG-FV



Drip-proof guarded force ventilated The RPM AC DPG-FV is the ultimate power dense machine. Utilizing laminate square frame technology, up to 1750 horsepower can be packed into a 5000 frame. Commonly used in some of the most demanding industrial applications such as paper and converting, steel processing, extruders, traction, or oil well drilling, the RPM AC force ventilated design is the motor choice.
*All RPM AC RL440 and 5000 frames include as standard premium VPI insulation, an insulated opposite drive end bearing, mill conduit box and PLS bearing system.

Hp	Base Speed	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes
460 volt											
25	1800	FL1844CZ	DPG-FV	**IDDRPM18254C**	9,664	RP1	27.96	240	460	33.0	58
30	1800	FL1852CZ	DPG-FV	**IDDRPM18304C**	10,023	RP1	23.01	265	460	39.0	58
40	1800	RL2162Z	DPG-FV	**IDDRPM21404**	10,282	RP1	23.12	407	460	52.0	
50	1800	RL2168Z	DPG-FV	**IDDRPM21504**	13,572	RP1	24.62	410	460	62.0	
	1200	RL2570Z	DPG-FV	**IDDRPM25506**	15,740	RP1	25.64	480	460	64.0	
60	1800	RL2168Z	DPG-FV	**IDDRPM21604**	13,108	RP1	24.62	412	460	74.0	
	1200	RL2578Z	DPG-FV	**IDDRPM25606**	19,085	RP1	36.67	545	460	73.0	
75	1800	RL2570Z	DPG-FV	**IDDRPM25754**	15,740	RP1	34.58	574	460	95.0	
	1200	RL2586Z	DPG-FV	**IDDRPM25756**	25,291	RP1	30.38	615	460	91.0	
100	1800	RL2578Z	DPG-FV	**IDDRPM251004**	19,085	RP1	36.67	545	460	119.0	
	1200	RL2882Z	DPG-FV	**IDDRPM281006**	28,237	RP1	38.43	770	460	124.0	
125	1800	RL2586Z	DPG-FV	**IDDRPM251254**	25,291	RP1	30.38	615	460	148.0	
	1200	RL2898Z	DPG-FV	**IDDRPM281256**	36,813	RP1	42.43	930	460	150.9	
150	1800	RL2882Z	DPG-FV	**IDDRPM281504**	28,237	RP1	38.43	892	460	180.0	
	1200	RL3203Z	DPG-FV	**IDDRPM321506R1**	43,317	RP1	38.64	1238	460	180.0	
200	1800	RL2898Z	DPG-FV	**IDDRPM282004**	36,813	RP1	42.43	954	460	237.0	
	1200	RL3213Z	DPG-FV	**IDDRPM322006R1**	50,443	RP1	41.14	1356	460	236.0	
250	1800	RL3203Z	DPG-FV	**IDDRPM322504R1**	43,317	RP1	46.10	1152	460	291.0	
	1200	RL3698	DPG-FV	**IDDRPM362506R1**	54,917	RP1	39.22	1518	460	298.0	
300	1800	RL3213Z	DPG-FV	**IDDRPM323004R1**	50,443	RP1	41.14	1352	460	351.0	
	1200	RL3614	DPG-FV	**IDDRPM363006R1**	63,875	RP1	43.22	1790	460	352.0	
350	1800	RL3614Z	DPG-FV	**IDDRPM363504R2**	63,877	RP1	52.70	2000	460	398.0	
400	1800	RL3614	DPG-FV	**IDDRPM364004R1**	63,877	RP1	43.22	1728	460	460.0	

Red catalog number indicates **NEW** product

RPM AC, Inverter Duty, Induction rotor, DPG-FV

Drip-proof guarded force ventilated The RPM AC DPG-FV is the ultimate power dense machine. Utilizing laminate square frame technology, up to 1750 horsepower can be packed into a 5000 frame. Commonly used in some of the most demanding industrial applications such as paper and converting, steel processing, extruders, traction, or oil well drilling, the RPM AC force ventilated design is the motor choice.
*All RPM AC RL440 and 5000 frames include as standard premium VPI insulation, an insulated opposite drive end bearing, mill conduit box and PLS bearing system.

Hp	Base Speed	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes
460 volt											
400	1200	RL4034	DPG-FV	**IDDRPM404006R1**	84,322	RP1	48.62	2230	460	460.0	
500	1800	RL4034Z	DPG-FV	**IDDRPM405004R2**	84,322	RP1	57.12	2262	460	559.0	
	1200	RL4058Z	DPG-FV	**IDDRPM405006**	108,400	RP1	54.62	3128	460	567.0	43
600	1800	RL4046	DPG-FV	**IDDRPM406004R1**	102,800	RP1	48.62	2296	460	674.0	43
	1200	RL4451Z	DPG-FV	**IDDRPM446006**	150,429	RP1	62.15	3635	460	743.0	43
700	1800	RL4058	DPG-FV	**IDDRPM407004R1**	107,936	RP1	54.62	2820	460	778.0	43
	1200	RL4473Z	DPG-FV	**IDDRPM447006**	172,045	RP1	67.64	4440	460	870.0	43
800	1800	RL4440Z	DPG-FV	**IDDRPM448004**	139,619	RP1	59.39	3408	460	12.0	43
	1200	RL5020Z	DPG-FV	**IDDRPM508006**	181,004	RP1	61.57	4350	460	927.0	43
900	1800	RL4461Z	DPG-FV	**IDDRPM449004R1**	160,783	RP1	64.64	3910	460	1077.0	43
	1200	RL5024Z	DPG-FV	**IDDRPM509006**	191,106	RP1	65.51	4870	460	1031.0	43
1000	1800	RL4473Z	DPG-FV	**IDDRPM4410004R2**	172,045	RP1	67.64	4440	460	1196.0	43
	1200	RL5024Z	DPG-FV	**IDDRPM5010006**	191,106	RP1	65.51	4870	460	1152.0	43
1250	1800	RL5024Z	DPG-FV	**IDDRPM5012504**	191,106	RP1	65.51	4870	460	1403.0	10
	1200	RL5035Z	DPG-FV	**IDDRPM5012506**	217,614	RP1	77.32	6730	460	1407.0	10
1400	1200	RL5035Z	DPG-FV	**IDDRPM5014006**	217,614	RP1	77.32	6730	460	1574.0	10
1500	1800	RL5030Z	DPG-FV	**IDDRPM5015004**	203,631	RP1	71.42	5500	460	1686.0	10
460 volt, F2											
100	1800	RL2578Z	DPG-FV	**IDDRPM251004M001**	18,529	RP1	28.38	633	460	119.0	6
125	1800	RL2586Z	DPG-FV	**IDDRPM251254M005**	25,393	RP1	38.58	699	460	148.0	6
150	1800	RL2882Z	DPG-FV	**IDDRPM281504M001**	27,731	RP1	38.81	817	460	180.0	6
200	1800	RL2898Z	DPG-FV	**IDDRPM282004M006**	37,776	RP1	42.43	1000	460	237.0	6
250	1800	RL3203Z	DPG-FV	**IDDRPM322504R1M010**	44,452	RP1	38.64	1250	460	295.0	6
300	1800	RL3213Z	DPG-FV	**IDDRPM323004R1M006**	51,370	RP1	38.64	1368	460	350.0	6
350	1800	RL3698Z	DPG-FV	**IDDRPM363504R1M003**	53,317	RP1	39.22	1532	460	407.0	6
400	1800	RL3614Z	DPG-FV	**IDDRPM364004R1M005**	63,877	RP1	43.22	1802	460	459.0	6
600 volt											
1750	1800	RL5035Z	DPG-FV	**IDDRPM5017504**	217,614	RP1	77.32	6730	600	1512.0	10
690 volt											
1500	1200	RL5835Z	DPG-FV	**IDDRPM5815006**	331,678	RP1	83.54	8560	690	1155.0	10
1800	1800	RL5828Z	DPG-FV	**IDDRPM5818004**	268,659	RP1	75.66	7244	690	1328.0	10
2000	1800	RL5832Z	DPG-FV	**IDDRPM5820004**	298,510	RP1	83.54	7897	690	1465.0	10

Red catalog number indicates **NEW** product

RPM AC, Inverter Duty, Induction rotor, totally enclosed



For applications requiring totally enclosed protection, RPM AC motors are available in non-ventilated, fan cooled, and in-line blower cooled construction. IP55 Extra Tough - XT construction is available for outdoor, washdown, corrosive or harsh environment
*All RPM AC FL440 and 5800 frames include as standard premium VPI insulation, an insulated ODE bearing, mill conduit box and PLS bearing system.

Hp	Base Speed	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes
230/460 volt											
5	1800	FL1838C	TENV	**IDNRPM18054C**	6,178	RP4	17.87	165	230/460	7.2	54
7 1/2	1800	FL1852CZ	TENV	**IDNRPM18074C**	7,102	RP4	21.87	209	230/460	11.0	55
10	1800	FL1844CZ	TEFC	**IDFRPM18104C**	7,783	RP3	23.26	179	230/460	13.9	55
		FL2162C	TENV	**IDNRPM21104C**	7,645	RP4	23.71	280	230/460	13.6	55
460 volt											
15	1800	FL1844CZ	TEBC	**IDBRPM18154C**	8,449	RP2	23.89	200	460	21.0	58
		FL2162CZ	TEFC	**IDFRPM21154C**	8,811	RP3	26.74	290	460	20.0	58
20	1800	FL1852C	TEBC	**IDBRPM18204C**	9,224	RP2	27.96	366	460	27.0	58
		FL2162CZ	TEFC	**IDFRPM21204C**	8,811	RP3	26.74	329	460	27.0	58
25	1800	FL2162CZ	TEBC	**IDBRPM21254C**	9,638	RP2	28.80	290	460	34.0	58
		FL2173CZ	TEFC	**IDFRPM21254C**	9,516	RP3	29.50	355	460	34.0	58
30	1800	FL2162CZ	TEBC	**IDBRPM21304C**	9,638	RP2	28.80	330	460	40.0	58
		FL2570C	TEFC	**IDFRPM25304C**	10,016	RP3	29.54	513	460	39.0	58
40	1800	FL2173Z	TEBC	**IDBRPM21404**	10,914	RP2	31.31	355	460	51.0	
		FL2586Z	TEFC	**IDFRPM25404**	10,895	RP3	33.77	655	460	51.0	
50	1800	FL2570Z	TEBC	**IDBRPM25504**	11,412	RP2	31.83	475	460	65.0	
		FL2882Z	TEFC	**IDFRPM28504**	18,608	RP3	34.59	758	460	64.0	
60	1800	FL2578Z	TEBC	**IDBRPM25604**	16,624	RP2	33.85	591	460	75.0	
		FL2890Z	TEFC	**IDFRPM28604**	18,608	RP3	36.59	848	460	76.0	
75	1800	FL2586Z	TEBC	**IDBRPM25754**	19,765	RP2	35.85	648	460	95.0	
		FL2898Z	TEFC	**IDFRPM28754**	22,231	RP3	38.59	922	460	94.0	
100	1800	FL2890Z	TEBC	**IDBRPM281004R1**	22,309	RP2	46.80	870	460	124.0	
125	1800	FL2898Z	TEBC	**IDBRPM281254**	23,580	RP2	46.87	945	460	156.0	
150	1800	FL3203Z	TEBC	**IDBRPM321504R1**	32,840	RP2	55.48	1307	460	179.0	
200	1800	FL3698	TEBC	**IDBRPM362004R1**	45,316	RP2	56.06	1580	460	234.0	
250	1800	FL3614	TEBC	**IDBRPM362504R1**	48,385	RP2	60.05	1874	460	286.0	
300	1800	FL4034	TEBC	**IDBRPM403004R1**	60,460	RP2	65.46	2461	460	341.0	
400	1800	FL4440Z	TEBC	**IDBRPM444004**	92,547	RP2	78.57	3699	460	479.0	
500	1800	FL4461Z	TEBC	**IDBRPM445004**	104,482	RP2	83.82	3978	460	597.0	
600	1800	FL5824Z	TEBC	**IDBRPM586004**	232,371	RP2	98.80	7240	460	716.0	
700	1800	FL5824Z	TEBC	**IDBRPM587004**	232,371	RP2	98.80	7240	460	818.0	
800	1800	FL5826Z	TEBC	**IDBRPM588004**	243,205	RP2	100.80	7510	460	934.0	
900	1800	FL5830Z	TEBC	**IDBRPM589004**	264,880	RP2	104.80	8210	460	1041.0	
1000	1800	FL5832Z	TEBC	**IDBRPM5810004**	275,718	RP2	106.80	8540	460	1151.0	

RPM AC, Inverter Duty, Caged-IPM rotor, totally enclosed



Interior salient pole permanent magnet (PM) rotor construction for torque density and higher efficiency. Synchronous speed performance matched with ABB PM drive control.
Super Premium (IE4) efficiency when operated on a VFD
Ultra Premium (IE5) efficiency when run across the line. Operates at true synchronous speed regardless of load.

Hp	Base Speed	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt												
10	1800	FL1838Z	TEFC	**IDCRPM18104**	9,849	RP3	21.76	187	94.6	460	10.0	28
15	1800	FL1844Z	TEFC	**IDCRPM18154**	12,141	RP3	23.26	226	94.9	460	15.0	28
20	1800	FL1848Z	TEFC	**IDCRPM18204**	12,608	RP3	24.26	225	94.9	460	20.0	28
25	1800	FL2158Z	TEFC	**IDCRPM21254**	13,072	RP3	25.49	310	95.4	460	25.2	28
30	1800	FL2162Z	TEFC	**IDCRPM21304**	13,732	RP3	26.49	290	95.4	460	30.0	28
40	1800	FL2562Z	TEFC	**IDCRPM25404**	14,892	RP3	27.79	410	96.4	460	40.0	28
50	1800	FL2570Z	TEFC	**IDCRPM25504**	20,143	RP3	29.79	536	96.6	460	49.0	28
60	1800	FL2873Z	TEFC	**IDCRPM28604**	22,795	RP3	32.34	668	97.0	460	60.0	28
75	1800	FL2882Z	TEFC	**IDCRPM28754**	26,339	RP3	34.59	826	97.3	460	74.0	28
100	1800	FL2890Z	TEFC	**IDCRPM281004**	34,349	RP3	36.59	880	97.3	460	98.0	28
125	1800	FL2898Z	TEFC	**IDCRPM281254**	40,958	RP3	38.59	880	97.3	460	124.0	28

RPM AC Vector Duty
5 thru 150 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
- For use on inverter only
- Induction and salient pole-IPM rotor
- Shaft Grounding Brush
- ABB Ability Smart Sensor Mounting Provisions
- QR Code provides motor data for inverter configuration

Applications
- Centrifugal pumps and fans
- Extruders, conveyors, crane and hoist, winders
- Web processing, process control, test stands

RPM AC, Vector Duty, induction rotor, totally enclosed

Induction motor feedback BEI HS35 1024PPR encoder included



Hp	Base Speed	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes
230/460 volt											
5	1800	FL1838C	TENV	**ZDNRPM18054C**	10,006	RP4	17.87	180	230/460	7.2	54
7 1/2	1800	FL1852CZ	TENV	**ZDNRPM18074C**	10,931	RP4	26.37	221	230/460	11.0	55
10	1800	FL1844C	TEFC	**ZDFRPM18104C**	11,611	RP3	25.33	201	230/460	13.9	55
		FL2162C	TENV	**ZDNRPM21104C**	11,125	RP4	25.61	334	230/460	13.6	55
460 volt											
15	1800	FL1844CZ	TEBC	**ZDBRPM18154C**	11,449	RP2	23.89	216	460	21.0	58
20	1800	FL1852C	TEBC	**ZDBRPM18204C**	12,225	RP2	27.96	280	460	27.0	58
		FL2162CZ	TEFC	**ZDFRPM21204C**	12,291	RP3	29.62	290	460	27.0	58
25	1800	FL2173C	TEFC	**ZDFRPM21254C**	12,995	RP3	31.75	392	460	34.0	58
30	1800	FL2162CZ	TEBC	**ZDBRPM21304C**	12,366	RP2	33.30	341	460	41.0	58
		FL2570C	TEFC	**ZDFRPM25304C**	13,642	RP3	32.84	515	460	39.0	58
40	1800	FL2173Z	TEBC	**ZDBRPM21404**	13,010	RP2	35.81	418	460	51.0	
		FL2586Z	TEFC	**ZDFRPM25404**	14,087	RP3	37.07	652	460	51.0	
50	1800	FL2570Z	TEBC	**ZDBRPM25504**	14,140	RP2	36.33	532	460	65.0	
60	1800	FL2578Z	TEBC	**ZDBRPM25604**	19,352	RP2	38.35	540	460	75.0	
75	1800	FL2586Z	TEBC	**ZDBRPM25754**	22,493	RP2	40.33	654	460	95.0	
100	1800	FL2890Z	TEBC	**ZDBRPM281004R1**	25,036	RP2	46.06	905	460	124.0	
125	1800	FL2898Z	TEBC	**ZDBRPM281254**	26,308	RP2	48.06	890	460	156.0	

RPM AC, Vector Duty, Caged-IPM rotor, totally enclosed



IPM motor feedback Dynapar HS25 resolver included
Interior salient pole permanent magnet (PM) rotor construction for torque density and higher efficiency. Synchronous speed performance matched with ABB PM drive control.

Hp	Base Speed	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes
230/460 volt											
10	1800	FL1831C	TEBC	**ZDPM18010C-BV**	16,760	RP2	22.08	170	230/460	10.6	55
460 volt											
15	1800	FL1838C	TEBC	**ZDPM18015C-BV**	16,868	RP2	24.46	220	460	16.0	58
20	1800	FL1844C	TEBC	**ZDPM18020C-BV**	17,622	RP2	25.96	235	460	21.7	58
25	1800	FL1852C	TEBC	**ZDPM18025C-BV**	18,959	RP2	27.96	382	460	26.6	58
30	1800	FL1852C	TEBC	**ZDPM18030C-BV**	18,959	RP2	28.05	275	460	32.3	58
40	1800	FL2162Z	TEBC	**ZDPM21040-BV**	17,742	RP2	33.06	354	460	43.2	
50	1800	FL2168Z	TEBC	**ZDPM21050-BV**	18,141	RP2	34.56	371	460	53.4	
60	1800	FL2173Z	TEBC	**ZDPM21060-BV**	19,239	RP2	33.75	355	460	66.5	
75	1800	FL2578Z	TEBC	**ZDPM25075-BV**	27,348	RP2	36.29	540	460	81.8	
100	1800	FL2586Z	TEBC	**ZDPM25100-BV**	28,294	RP2	41.85	692	460	110.6	
125	1800	FL2882Z	TEBC	**ZDPM28125-BV**	29,817	RP2	44.06	730	460	137.0	
150	1800	FL2890Z	TEBC	**ZDPM28150-BV**	31,051	RP2	46.06	920	460	168.0	

RPM AC Extruder Duty

100 thru 1000 Hp

IP23

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
- Grease relief valve
- Shaft grounding brush
- Robust extruder duty insulation system
- Winding RTDs
- Premium mill spec conduit box

Applications

- Extruder
- Pulp and Paper

RPM AC, Extruder Duty, Induction rotor DPG-FV



Robust extruder duty insulation system. F1 mounting conduit box.
Standard features include insulated bearings, ground brush, winding RTDs and extruder duty nameplate.

Hp	Base Speed	Frame	Encl.	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes
460 volt											
100	1800	RL2586Z	DPG-FV	**IDDRPM251004ED**	30,647	RP1	38.52	615	460	119.0	
125	1800	RL2882Z	DPG-FV	**IDDRPM281254ED**	33,593	RP1	38.81	810	460	153.0	
150	1800	RL2898Z	DPG-FV	**IDDRPM281504ED**	42,167	RP1	42.81	930	460	179.0	
200	1800	RL3203Z	DPG-FV	**IDDRPM322004ED**	61,329	RP1	39.88	1320	460	231.0	
250	1800	RL3203Z	DPG-FV	**IDDRPM322504R1ED**	48,678	RP1	46.10	1320	460	291.0	
300	1800	RL3213Z	DPG-FV	**IDDRPM323004R1ED**	55,803	RP1	48.60	1470	460	351.0	
350	1800	RL3614Z	DPG-FV	**IDDRPM363504R2ED**	69,224	RP1	52.70	2000	460	398.0	
400	1800	RL3614Z	DPG-FV	**IDDRPM364004R1ED**	76,436	RP1	52.70	1775	460	450.0	
500	1800	RL4034Z	DPG-FV	**IDDRPM405004R2ED**	93,612	RP1	57.12	2530	460	559.0	
600	1800	RL4046Z	DPG-FV	**IDDRPM406004R1ED**	112,085	RP1	60.12	2800	460	674.0	43
700	1800	RL4058Z	DPG-FV	**IDDRPM407004R1ED**	117,220	RP1	63.12	2680	460	778.0	43
800	1800	RL4440Z	DPG-FV	**IDDRPM448004ED**	144,486	RP1	59.39	3400	460	12.0	43
900	1800	RL4461Z	DPG-FV	**IDDRPM449004R1ED**	166,101	RP1	64.64	3910	460	1101.0	43
1000	1800	RL4473Z	DPG-FV	**IDDRPM4410004R2ED**	176,904	RP1	67.64	4750	460	1196.0	43

RPM XE, eXtreme efficiency

10 thru 100 Hp

NEMA PREMIUM 4

IP54

Features

- 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
- Super Premium (IE4) Efficiency when operated with VFD
- Operates at true synchronous speed regardless of load
- Ultra Premium (IE5) efficiency when run across the line
- Shaft Grounding Brush

Applications

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

RPM XE, three phase, TEFC, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
460 volt											
10	1800	HL215T	**XEFRPM21104**	9,816	RP5	21.72	188	94.6	460	10.0	
15	1800	HL254T	**XEFRPM25154**	10,634	RP5	23.89	210	94.9	460	15.0	
20	1800	HL256T	**XEFRPM25204**	11,452	RP5	24.89	231	94.9	460	20.0	
25	1800	HL284T	**XEFRPM28254**	12,271	RP5	26.38	290	95.4	460	25.2	
30	1800	HL286T	**XEFRPM28304**	13,089	RP5	27.37	365	95.4	460	30.0	
40	1800	HL324T	**XEFRPM32404**	14,096	RP5	28.81	480	96.4	460	40.0	
50	1800	HL326T	**XEFRPM32504**	15,046	RP5	30.81	571	96.6	460	49.0	
60	1800	HL364T	**XEFRPM36604**	20,168	RP5	32.93	746	97.0	460	60.0	
75	1800	HL365T	**XEFRPM36754**	23,559	RP5	35.19	856	97.3	460	74.0	
100	1800	HL405T	**XEFRPM401004**	30,931	RP5	40.56	983	97.3	460	98.0	

RPM AC Accessories

Features

Applications

- RPM AC Motors

Encoder feedback kits



Includes all mounting hardware and mating connector.
The following kits for use with RPM AC motors on previous pages.

Catalog Number	Enclosures	Type	PPR	NEMA Frame	Mfg.	M/O	Conn. Type	Volt-age	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
417077-264	TEBC	DGS80 (HS35)	1024	FL180	SICK	O	MS-ST	5 - 30	3,895	SVC	10
417077-265	TEBC	DGS80 (HS35)	1024	FL210	SICK	O	MS-ST	5 - 30	2,901	SVC	15
417077-266	TEBC	DGS80 (HS35)	1024	FL250	SICK	O	MS-ST	5 - 30	2,980	SVC	15
417077-267	TEBC	DGS80 (HS35)	1024	FL280	SICK	O	MS-ST	5 - 30	2,532	SVC	15
417077-268	TEBC	DGS80 (HS35)	1024	FL320-FL5800	SICK	O	MS-ST	5 - 30	2,099	SVC	15
417077-151	TEBC	H20	1024	FL210	Dynapar	O	MS-ST	5 - 15	3,530	SVC	12
417077-167	TEBC	H20	1024	FL180	Dynapar	O	MS-ST	5 - 15	3,965	SVC	16
417077-191	TEBC	H20	1024	FL250	Dynapar	O	MS-ST	5 - 15	3,530	SVC	9
417077-165	TEBC	HS35	1024	FL180	BEI	O	MS-ST	5 - 15	2,471	SVC	14
417077-188	TEBC	HS35	1024	FL210	BEI	O	MS-ST	5 - 15	2,471	SVC	10
417077-189	TEBC	HS35	1024	FL250	BEI	O	MS-ST	5 - 15	2,471	SVC	10
417077-212TL	TEBC	HS35	1024	FL250	BEI	O	MS-TL	5 - 28	2,471	SVC	6
417077-213TL	TEBC	HS35	1024	FL280	BEI	O	MS-TL	5 - 28	2,471	SVC	6
417077-244	TEBC	HS35	1024	FL320 - FL5800	BEI	O	MS-TL	5 - 28	2,471	SVC	4
417077-173	TEBC	HS35M	1024	FL180	Avtron	M	MS-ST	5 - 24	3,684	SVC	12
417077-182	TEBC	HS35M	1024	FL210	Avtron	M	MS-ST	5 - 24	3,684	SVC	15
417077-183	TEBC	HS35M	1024	FL250	Avtron	M	MS-ST	5 - 24	3,684	SVC	15
417077-205	TEBC	HS35M	1024	FL280	Avtron	M	MS-ST	5 - 24	3,684	SVC	19
417077-246	TEBC	HS35M	1024	FL320 - FL5800	Avtron	M	MS-ST	5 - 24	3,684	SVC	2
417077-168	TEBC	ST67	1024	FL180	Dynapar	M	Latch	5 - 15	4,750	SVC	10
417077-192	TEBC	ST67	1024	FL210	Dynapar	M	Latch	5 - 15	4,226	SVC	10
417077-206	TEBC	ST67	1024	FL280	Dynapar	M	Latch	5 - 15	4,226	SVC	5
417077-245	TEBC	ST67	1024	FL320 - FL5800	Dynapar	M	Latch	5 - 15	4,026	SVC	9
417077-262	TEFC	DGS80 (HS35)	1024	FL180-FL/RL580	SICK	O	MS-ST	5 - 30	2,771	SVC	5
417077-133	TEFC	HS35	1024	FL180 - FL/RL5800	BEI	O	MS-ST	5 - 15	2,471	SVC	4
417077-260	TENV, DPG-FV	DGS80 (HS35)	1024	FL180-FL/RL580	SICK	O	MS-ST	5 - 30	2,623	SVC	5
417077-153	TENV, DPG-FV	H20	1024	FL180 - FL/RL5800	Dynapar	O	MS-ST	5 - 15	3,375	SVC	7
417077-136	TENV, DPG-FV	HS35	1024	FL180 - FL/RL5800	BEI	O	MS-ST	5 - 15	2,471	SVC	4
417077-208TL	TENV, DPG-FV	HS35	1024	FL180 - FL/RL5800	BEI	O	MS-TL	5 - 28	2,471	SVC	4
417077-170	TENV, DPG-FV	HS35M	1024	FL180 - FL/RL5800	Avtron	M	MS-ST	5 - 24	3,065	SVC	5
417077-242TL	TENV, DPG-FV	HS35M	1024	FL180 - FL/RL5800	Dynapar	O	MS-TL	5 - 26	3,326	SVC	5
417077-156	TENV, DPG-FV	ST67	1024	FL180 - FL/RL5800	Dynapar	M	Latch	5 - 15	4,681	SVC	14
417077-269	TEBC	DGS80 (HS35)	2048	FL180	SICK	O	MS-ST	5 - 30	3,895	SVC	5
417077-270	TEBC	DGS80 (HS35)	2048	FL210	SICK	O	MS-ST	5 - 30	2,901	SVC	5

Red catalog number indicates **NEW** product

Encoder feedback kits

Includes all mounting hardware and mating connector.
The following kits for use with RPM AC motors on previous pages.

Catalog Number	Enclosures	Type	PPR	NEMA Frame	Mfg.	M/O	Conn. Type	Volt-age	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
417077-271	TEBC	DGS80 (HS35)	2048	FL250	SICK	O	MS-ST	5 - 30	2,980	SVC	5
417077-272	TEBC	DGS80 (HS35)	2048	FL280	SICK	O	MS-ST	5 - 30	2,532	SVC	5
417077-273	TEBC	DGS80 (HS35)	2048	FL320-FL5800	SICK	O	MS-ST	5 - 30	2,099	SVC	5
417077-301	TEBC	HS35M	2048	FL180	Avtron	M	Latch	5 - 24	5,859	SVC	13
417077-302	TEBC	HS35M	2048	FL210	Avtron	M	Latch	5 - 24	5,859	SVC	15
417077-303	TEBC	HS35M	2048	FL250	Avtron	M	Latch	5 - 24	5,859	SVC	18
417077-304	TEBC	HS35M	2048	FL280	Avtron	M	Latch	5 - 24	5,859	SVC	15
417077-305	TEBC	HS35M	2048	FL320	Avtron	M	Latch	5 - 24	5,517	SVC	5
417077-263	TEFC	DGS80 (HS35)	2048	FL180-FL/RL580	SICK	O	MS-ST	5 - 30	2,540	SVC	5
417077-261	TENV, DPG-FV	DGS80 (HS35)	2048	FL180-FL/RL580	SICK	O	MS-ST	5 - 30	2,623	SVC	5
417077-300	TENV, DPG-FV	HS35M	2048	FL180 - FL/RL5800	Avtron	M	Latch	5 - 24	4,445	SVC	6

Red catalog number indicates **NEW** product

Encoder feedback kits RPM AC designs

Catalog Number	Enclosures	Type	PPR	NEMA Frame	Mfg.	M/O	Conn. Type	Voltage	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
417708-85	DPG-FV	H20	1024	L280-L400	Dynapar	O	MS-ST	5 - 15	3,252	SVC	5
417708-120	DPG-FV	RL67	1024	L440	Dynapar	M	Latch	5 - 15	4,226	SVC	23
417708-87	DPG-FV	RL67	1024	L280-L400	Dynapar	M	Latch	5 - 15	3,871	SVC	6

Encoder mounting kits - Stub Shaft

Kit includes stub shaft only (no encoder)
Unmounted – for RPM AC motor frames FL180-L440

Catalog Number	Enclosures	Type	NEMA Frame	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
417708-203	DPG-FV & TEAO-P/B	BEI HS35	L440	814	SVC	0
417708-202	DPG-FV & TEBC	BEI HS35	FL/RL280 thru L400	814	SVC	0
417708-201	DPG-FV,TENV,TEFC,TEBC	BEI HS35	FL180-FL/RL250	814	SVC	0

Encoder mounting kits - Stub Shaft and blower shroud when required

Kit to include 1" dia. stub shaft and extended blower shroud when required

Catalog Number	Enclosures	Type	NEMA Frame	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
417708-185	TEBC	Avtron HS35M	FL180	1,363	SVC	11
417708-186	TEBC	Avtron HS35M	FL210	1,372	SVC	13
417708-187	TEBC	Avtron HS35M	FL250	1,511	SVC	13
417708-188	TEBC	Avtron HS35M	FL280	1,487	SVC	13
417708-189	TEBC	Avtron HS35M	FL320-FL440	1,017	SVC	3
417708-184	TENV, DPG-FV	Avtron HS35M	FL180 - FL/RL5800	1,176	SVC	3

Filter Kits for use with DPF-FV



NEMA Frame	Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
180 Frame	**417077-57**	Washable Wire Mesh Canister Type	1,561	SVC	2
210, 250, 280, 320	**417077-59**	Washable Wire Mesh Canister Type	1,561	SVC	4
360, 400	**417077-102**	Washable Wire Mesh Canister Type	1,996	SVC	6
440 - 5000	**417077-124**	Square Replaceable Polyester Type	3,244	SVC	17
C2113ATZ, C2512ATZ	**417077-58**	Washable Wire Mesh Canister Type	1,561	SVC	4
C3612ATZ	**417077-65**	Washable Wire Mesh Canister Type	1,996	SVC	7

RPM AC slide bases



Used for adjustable belt tension on belted application,
Not suitable for wall or ceiling mounting,

NEMA Frame	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
FL1831	**419914-9A**	1,572	SVC	13
FL1838	**419914-9B**	1,572	SVC	14
FL1844	**419914-9C**	1,572	SVC	15
FL1852	**419914-9D**	1,572	SVC	17
FL/RL2153	**419914-10A**	1,572	SVC	30
FL/RL2158	**419914-10B**	1,572	SVC	27
FL/RL2162	**419914-10D**	1,697	SVC	48
FL/RL2168	**419914-10L**	1,697	SVC	32
FL/RL2173	**419914-10M**	1,697	SVC	48
FL/RL2570	**419914-10G**	2,016	SVC	67
FL/RL2578	**419914-10N**	2,613	SVC	38
FL/RL2586	**419914-10P**	2,544	SVC	50
FL/RL3203	**419914-11P**	3,246	SVC	108
FL/RL3213	**419914-11R**	3,246	SVC	130
FL/RL/L2882	**419914-10K**	2,133	SVC	80
FL/RL/L2890	**419914-10R**	3,154	SVC	42
FL/RL/L2898	**419914-10S**	3,154	SVC	90
UFL/URL3614	**419914-11N**	3,269	SVC	124
UFL/URL3698	**419914011M**	3,269	SVC	105
UFL/URL4034	**419914011F**	4,242	SVC	5
UFL/URL4046	**419914-11G**	6,458	SVC	141
UFL/URL4429	**419914011H**	8,002	SVC	140
UFL/URL4440	**419914011J**	8,002	SVC	150
UFL/URL4451	**419914011K**	8,002	SVC	160
UFL/URL4461	**419914011L**	8,002	SVC	100

RPM AC mounting conversion kits

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.

NEMA Frame	Catalog Number	List Price (USD)	Disc. Sym.	Enclosures	Additional Details
FL180	**417077-185**	2,035	SVC	DPG-FV	From F-1 to F-2
FL180	**417077-250**	1,722	SVC	TEBC, TEFC	From Top to F-1
FL180	**417077-254**	1,722	SVC	TEBC, TEFC	From Top to F-2
FL180	**417077-184**	2,035	SVC	TENV	From Top to F-1 or F-2
FL210	**417077-251**	2,093	SVC	TEBC, TEFC	From Top to F-1
FL210	**417077-255**	2,093	SVC	TEBC, TEFC	From Top to F-2
FL210	**417077-186**	1,800	SVC	TENV	From Top to F-1 or F-2
FL250	**417077-252**	2,331	SVC	TEBC, TEFC	From Top to F-1
FL250	**417077-256**	2,331	SVC	TEBC, TEFC	From Top to F-2
FL250	**417077-187**	2,035	SVC	TENV	From Top to F-1 or F-2
FL280	**417077-201**	2,964	SVC	TENV	From Top to F-1 or F-2
RL210	**417077-130**	1,928	SVC	DPG-FV	From F-1 to F-2
RL250	**417077-131**	1,928	SVC	DPG-FV	From F-1 to F-2
RL280	**417077-202**	2,585	SVC	DPG-FV	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.

NEMA Frame	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
FL180	**417077-143**	1,537	SVC	5
FL210-250	**417077-141**	1,956	SVC	6
RL210	**417077-144**	2,157	SVC	72
RL250	**417077-145**	3,004	SVC	79
RL280	**419947-40**	2,993	SVC	105
RL320	**419947-43**	3,330	SVC	100
RL360	**419947-41**	3,637	SVC	110
RL400	**419947-42**	3,981	SVC	116

Roller bearing kits for RPM AC motors

NEMA Frame	Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
FL/RL280	**418057-645**	Kit – Convert FL/RL280 to roller bearing	1,688	SVC	5
FL/RL320	**418057-786**	Kit – Convert FL/RL320 to roller bearing	1,666	SVC	2
FL/RL360&400	**418057-764**	Kit – Convert FL/RL360 & 400 to roller bearing	2,849	SVC	2
FL/RL440	**418057-501**	Kit – Convert FL/RL440 to roller bearing	4,738	SVC	1

V*S Master® RS, Vector Duty

1/2 thru 5 Hp

Features

- 1000:1 CT Speed range
- Three thermostats (1 N.C. per phase)
- 1024 PPR encoder
- Class H insulation
- Internal shaft grounding brush
- 1.0 Service Factor
- 100% copper windings on all ratings

Applications

- Centrifugal pumps and fans
- conveyors, crane and hoist, winder
- Web processing, process control, test stands

V*S Master® RS, Vector Duty, TENV, C-face foot mounted



Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/2	1800	6000	56C	CZDNM3538	1,493	VSR	13.84	34	82.5	230/460	0.8	
	1200	1800	56C	CZDNM3539	1,634	VSR	14.84	41	80.0	230/460	1.2	
3/4	1800	2700	56C	CZDNM3542	1,493	VSR	13.84	34	82.5	230/460	1.1	
	1200	1800	56C	CZDNM3543	1,634	VSR	14.84	41	82.5	230/460	1.4	
1	1800	2700	56C	CZDNM3546	1,596	VSR	14.84	45	85.5	230/460	1.4	
			143TC	CZDNM3546T	1,563	VSR	14.90	45	85.5	230/460	1.4	
	1200	1800	56C	CZDNM3556	1,755	VSR	15.72	47	82.5	230/460	1.9	
			145TC	CZDNM3556T	1,725	VSR	15.78	47	82.5	230/460	1.9	
1-1/2	1800	2700	145TC	CZDNM3554T	1,604	VSR	17.15	56	86.5	230/460	2.4	
	1200	1800	182TC	CZDNM3607T	2,018	VSR	19.28	97	87.5	230/460	2.5	
2	1800	2700	145TC	CZDNM3558T	1,632	VSR	17.15	63	86.5	230/460	2.8	
	1200	1800	184TC	CZDNM3614T	2,132	VSR	19.28	101	88.5	230/460	3.5	
3	1800	2700	182TC	CZDNM3610T	1,855	VSR	19.28	92	89.5	230/460	4.1	
	1200	1800	213TC	CZDNM3704T	2,685	VSR	21.72	154	89.5	230/460	4.6	
5	1800	2700	184TC	CZDNM3615T	1,921	VSR	19.28	101	89.5	230/460	6.6	
	1200	1800	215TC	CZDNM3708T	3,023	VSR	22.47	179	89.5	230/460	7.2	

Red catalog number indicates **NEW** product

V*S Master® RS, Vector Duty, TENV, C-face footless



Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/2	1800	6000	56C	**VZDNM3538**	1,490	VSR	13.84	34	82.5	230/460	0.8	
	1200	1800	56C	**VZDNM3539**	1,632	VSR	14.84	41	80.0	230/460	1.2	
3/4	1800	2700	56C	**VZDNM3542**	1,490	VSR	13.84	34	82.5	230/460	1.1	
	1200	1800	56C	**VZDNM3543**	1,632	VSR	14.84	41	82.5	230/460	1.4	
1	1800	2700	56C	**VZDNM3546**	1,594	VSR	14.84	45	85.5	230/460	1.4	
			145TC	**VZDNM3546T**	1,560	VSR	14.90	45	85.5	230/460	1.4	
	1200	1800	56C	**VZDNM3556**	1,757	VSR	15.72	47	82.5	230/460	1.9	
			145TC	**VZDNM3556T**	1,725	VSR	15.78	47	82.5	230/460	1.9	
1.5	1800	2700	145TC	**VZDNM3554T**	1,603	VSR	17.15	56	86.5	230/460	2.4	
	1200	1800	182TC	**VZDNM3607T**	2,019	VSR	19.28	97	87.5	230/460	2.5	
2	1800	2700	145TC	**VZDNM3558T**	1,630	VSR	17.15	63	86.5	230/460	2.8	
	1200	1800	184TC	**VZDNM3614T**	2,132	VSR	19.28	101	88.5	230/460	3.5	
3	1800	2700	182TC	**VZDNM3610T**	1,856	VSR	19.28	92	89.5	230/460	4.1	
	1200	1800	213TC	**VZDNM3704T**	2,685	VSR	21.72	154	89.5	230/460	4.6	
5	1800	2700	184TC	**VZDNM3615T**	1,931	VSR	19.71	101	89.5	230/460	6.6	
	1200	1800	215TC	**VZDNM3708T**	3,023	VSR	22.47	179	89.5	230/460	7.2	

Red catalog number indicates **NEW** product

V*S Master Inverter duty

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
- Centrifugal pumps and fans
- Extruders, conveyors, crane and hoist, winders
- Web processing, process control, test stands

V*S Master®, Inverter Duty, TEFC



designed to operate continuously at zero speed without over heating.
[Encoder Provisions]: 182T-326T frames: solid state shaft (non removable) with shaft cover. 364T-L449 frames: drilled and tapped for stub shaft

Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
3	1800	2700	182TC	**IDVSM3661T**	2,564	VS3	20.23	105	89.5	230/460	4.1	2, 48
5	1800	2700	184TC	**IDVSM3665T**	2,973	VS3	20.23	120	89.5	230/460	6.6	2, 48
7 1/2	1800	2700	213TC	**IDVSM3770T**	3,825	VS3	24.59	180	91.7	230/460	9.5	2, 48
10	1800	2700	215TC	**IDVSM3774T**	4,987	VS3	24.59	231	92.4	230/460	12.5	2, 48
15	1800	2700	254TC	**IDVSM2333T**	5,802	VS3	26.91	291	92.4	230/460	18.1	2, 48
20	1800	2700	256TC	**IDVSM2334T**	6,290	VS3	26.91	334	93.0	230/460	24.0	2, 48
25	1800	2700	284TC	**IDVSM4103T**	7,987	VS3	30.42	446	93.6	230/460	31.0	2, 48
30	1800	2700	286TC	**IDVSM4104T**	8,726	VS3	30.42	457	93.6	230/460	38.0	2, 48
40	1800	2700	324T	**IDVSM4110T**	10,066	VS3	33.14	619	94.1	230/460	48.0	2, 48
50	1800	2700	326T	**IDVSM4115T**	12,303	VS3	33.14	670	94.5	230/460	58.0	2, 48
60	1800	2700	364T	**IDVSM4314T**	15,239	VS3	33.44	869		230/460	69.1	2, 48
75	1800	2700	365T	**IDVSM4316T**	19,087	VS3	33.48	873	95.4	230/460	86.0	2, 48
460 volt												
100	1800	2700	405T	**IDVSM4400T-4**	24,667	VS3	38.04	1218	94.1	460	112.0	2, 48
125	1800	2700	444T	**IDVSM4410T-4**	30,620	VS3	44.75	1637	94.1	460	140.0	2, 48
150	1800	2700	445T	**IDVSM4406T-4**	36,542	VS3	44.75	1789		460	165.0	2, 48
200	1800	2700	447T	**IDVSM4407T-4**	43,298	VS3	48.24	2189	95.4	460	218.0	2, 48
250	1800	2700	449T	**IDVSM4408T-4**	61,195	VS3	53.24	2701	95.8	460	272.0	2, 48
300	1800	2700	449T	**IDVSM44304T-4**	61,195	VS3	53.24	2816	96.2	460	322.0	2, 48
575 volt												
5	1800	2700	184TC	**IDVSM3665T-5**	2,973	VS3	20.23	118	90.2	575	5.2	2, 48
10	1800	2700	215TC	**IDVSM3774T-5**	4,987	VS3	24.59	231	91.7	575	9.8	2, 48

Cast iron frame

V*S Master®, Inverter Duty, TENV



1.0 Service factor. Designed to operate continuously at zero speed without over heating. [Encoder Provisions]: 182T-326T frames: solid state shaft (non removable) with shaft cover. 364T-L449 frames: machined ODE bracket in addition to hole drilled and tapped for stub shaft.

Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/3	1800	2700	56C	**IDNM3534**	759	VS4	13.84	33	75.5	230/460	0.9	8, 28
			56C	**IDVSNM3534**	759	VS4	13.84	32	75.5	230/460	0.9	48
1/2	1800	2700	56C	**IDNM3538**	886	VS4	13.84	31	81.5	230/460	1.0	8, 28
			56C	**IDVSNM3538**	886	VS4	13.84	35	81.5	230/460	1.0	48
3/4	1800	2700	56C	**IDNM3542**	988	VS4	13.84	33	82.5	230/460	1.2	8, 28
			56C	**IDVSNM3542**	988	VS4	13.84	36	82.5	230/460	1.2	48
1	1800	2700	56C	**IDVSNM3546**	1,605	VS4	14.84	45	85.5	230/460	1.7	48
			143TC	**IDNM3581T**	2,014	VS4	14.65	58	85.5	230/460	1.6	8, 28
			143TC	**IDVSNM3581T**	2,014	VS4	14.65	58	85.5	230/460	1.6	48
			145TC	**IDVSNM3582T**	3,119	VS4	14.65	61	82.5	230/460	1.9	48
1 1/2	1800	2700	145TC	**IDNM3584T**	2,224	VS4	14.65	57	86.5	230/460	2.3	8, 28
			145TC	**IDVSNM3584T**	2,224	VS4	14.65	64	84.0	230/460	2.1	48
2	1800	2700	145TC	**IDNM3587T**	2,322	VS4	14.65	67	86.5	230/460	2.7	8, 28
			145TC	**IDVSNM3587T**	2,322	VS4	14.65	63	86.5	230/460	2.7	48
			182TC	**IDNM3669T**	2,695	VS4	17.22	94	88.5	230/460	3.0	8, 28
3	1800	2700	182TC	**IDVSNM3661T**	3,043	VS4	17.85	111	89.5	230/460	4.3	48
			184TC	**IDNM3661T**	3,043	VS4	17.22	108	89.5	230/460	4.3	8, 28
5	1800	2700	184TC	**IDNM3665T**	3,393	VS4	17.22	116	89.5	230/460	6.6	8, 28
			184TC	**IDVSNM3665T**	3,393	VS4	17.85	124	89.5	230/460	6.6	48
			213TC	**IDNM3767T**	3,782	VS4	20.40	172	89.5	230/460	6.7	8, 28
7 1/2	1800	2700	213TC	**IDNM3770T**	3,927	VS4	20.40	196	92.4	230/460	8.9	8, 28
			215TC	**IDVSNM2237T**	3,933	VS4	20.86	212	92.4	230/460	8.9	48
			254TC	**IDNM2237T**	4,704	VS4	24.11	258	91.7	230/460	9.1	8, 28
10	1800	2700	254TC	**IDVSNM2238T**	5,395	VS4	24.11	305	91.7	230/460	13.0	48
			256TC	**IDNM2238T**	5,395	VS4	24.11	286	91.7	230/460	13.0	8, 28
15	1800	2700	254TC	**IDNM2333T**	6,488	VS4	24.11	287	92.4	230/460	18.5	8, 28
			256TC	**IDVSNM2333T**	6,488	VS4	24.11	284	92.4	230/460	18.5	48
20	1800	2700	284T	**IDNM2334T**	7,005	VS4	27.36	406	93.0	230/460	26.0	8, 45, 28
575 volt												
1/2	1800	2700	56C	**IDVSNM3538-5**	886	VS4	13.84	31	80.0	575	0.8	48
3/4	1800	2700	56C	**IDVSNM3542-5**	988	VS4	13.84	35	82.5	575	1.0	48
1	1800	2700	56C	**IDVSNM3546-5**	1,605	VS4	14.84	45	85.5	575	1.3	48
			143TC	**IDVSNM3581T-5**	2,014	VS4	14.65	58	85.5	575	1.3	48
1 1/2	1800	2700	145TC	**IDVSNM3584T-5**	2,224	VS4	14.65	64	86.5	575	1.7	48
2	1800	2700	145TC	**IDVSNM3587T-5**	2,322	VS4	14.65	62	86.5	575	2.2	48
3	1800	2700	182TC	**IDNM3661T-5**	3,043	VS4	17.22	108	90.2	575	3.4	48
5	1800	2700	184TC	**IDNM3665T-5**	3,393	VS4	17.22	116	90.2	575	5.2	48
7 1/2	1800	2700	213TC	**IDVSNM2237T-5**	3,933	VS4	20.86	196	91.7	575	7.8	48
15	1800	2700	256TC	**IDVSNM2333T-5**	6,488	VS4	24.11	284	92.4	575	14.8	48
20	1800	2700	256TC	**IDVSM2334T-5**	6,290	VS3	26.91	321	93.0	575	19.2	48

Cast iron frame

V*S Master®, Inverter Duty, TEBC

1.0 service factor, Class "H" Insulated
Suitable for sinewave operation



Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1	1800	2700	143TC	**IDM3581T**	2,661	VS2	19.15	65	85.5	230/460	1.6	
	1200	2800	145TC	**IDM3582T**	3,125	VS2	19.15	68	82.5	230/460	1.5	
1 1/2	1800	2700	145TC	**IDM3584T**	2,814	VS2	19.02	70	86.5	230/460	2.3	
	1200	1800	182TC	**IDM3667T**	3,729	VS2	21.71	107	87.5	230/460	2.5	
2	1800	2700	145TC	**IDM3587T**	3,009	VS2	19.15	72	86.5	230/460	2.8	
	1200	1800	184TC	**IDM3664T**	3,610	VS2	21.71	124	88.5	230/460	3.2	
3	1800	2700	184TC	**IDM3661T**	3,043	VS2	21.71	111	89.5	230/460	4.1	
	1200	1800	215TC	**IDM3764T**	4,721	VS2	25.58	187	90.2	230/460	4.5	70
5	1800	2700	184TC	**IDM3665T**	4,066	VS2	21.71	124	90.2	230/460	6.5	
	1200	1800	215TC	**IDM3768T**	5,778	VS2	25.58	226	90.2	230/460	7.3	70
7 1/2	1800	2700	213TC	**IDM3770T**	4,902	VS2	25.58	170	91.7	230/460	9.5	70
	1200	1800	254TC	**IDM2276T**	8,308	VS2	29.22	332	91.0	230/460	10.7	70
10	1800	2700	215TC	**IDM3774T**	5,252	VS2	25.58	231	92.4	230/460	12.5	70
	1200	1800	256TC	**IDM2332T**	10,151	VS2	29.22	339	91.0	230/460	14.2	70
15	1800	2700	256TC	**IDM2333T**	5,708	VS2	29.22	268	92.4	230/460	18.1	70
	1200	1800	284T	**IDM4100T**	12,034	VS2	34.47	450	91.7	230/460	21.0	45, 70
20	1800	2700	256TC	**IDM2334T**	6,097	VS2	29.22	333	93.0	230/460	24.0	70
	1200	1800	286T	**IDM4102T**	13,548	VS2	34.47	455	91.7	230/460	27.0	45, 70
25	1800	2700	286T	**IDM4103T**	7,518	VS2	34.47	417	93.6	230/460	31.0	45, 70
	1200	1800	324T	**IDM4111T**	15,440	VS2	36.92	557	93.0	230/460	32.0	45, 70
30	1800	2700	286T	**IDM4104T**	8,624	VS2	34.47	464	93.6	230/460	38.0	45, 70
	1200	1800	326T	**IDM4117T**	17,185	VS2	36.92	611	93.0	230/460	39.0	45, 70
40	1800	2700	324T	**IDM4110T**	11,661	VS2	36.92	605	94.1	230/460	48.0	45, 70
50	1800	2700	326T	**IDM4115T**	13,087	VS2	36.92	645	94.5	230/460	58.0	45, 70
575 volt												
1	1800	2700	143TC	**IDM3581T-5**	2,661	VS2	19.02	60	85.5	575	1.2	
1 1/2	1800	2700	145TC	**IDM3584T-5**	2,814	VS2	19.02	70	86.5	575	1.7	
2	1800	2700	145TC	**IDM3587T-5**	3,009	VS2	19.02	73	86.5	575	2.2	
3	1800	2700	184TC	**IDM3661T-5**	3,043	VS2	21.71	112	89.5	575	3.3	
5	1800	2700	184TC	**IDM3665T-5**	4,066	VS2	21.71	121	90.2	575	5.2	
7 1/2	1800	2700	213TC	**IDM3770T-5**	4,902	VS2	25.58	170	91.7	575	7.5	70
10	1800	2700	215TC	**IDM3774T-5**	5,252	VS2	25.58	231	92.4	575	10.0	70
15	1800	2700	256TC	**IDM2333T-5**	5,708	VS2	29.22	318	92.4	575	14.6	70
20	1800	2700	256TC	**IDM2334T-5**	6,097	VS2	29.22	329	93.0	575	19.2	70

Cast iron frame

V*S Master Vector duty
1/2 thru 300 Hp

Features
- Rated torque from zero to base speed
- 1024 PPR encoder
- TENV, TEFC, TEBC 1000:1 CT Speed range
- Three thermostats (1 N.C. per phase)
- Large selection of encoder types available non stock
- Insulated bearing on all 440T frames opposite drive end
- 1.0 Service Factor

Applications
- Extruders, conveyors, crane and hoist, winders
- Web processing, process control, test stands

V*S Master®, Vector Duty, TEFC



Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
3	1800	2700	182TC	**ZDVSM3661T**	5,374	VS3	20.23	118	89.5	230/460	4.1	48
5	1800	2700	184TC	**ZDVSM3665T**	5,780	VS3	20.23	129	89.5	230/460	6.6	48
7 1/2	1800	2700	213TC	**ZDVSM3770T**	6,632	VS3	24.59	184	91.7	230/460	9.5	48
10	1800	2700	215TC	**ZDVSM3774T**	7,795	VS3	24.59	210	92.4	230/460	12.5	48
15	1800	2700	254TC	**ZDVSM2333T**	8,610	VS3	26.91	295	92.4	230/460	18.1	48
20	1800	2700	256TC	**ZDVSM2334T**	9,098	VS3	26.91	317	93.0	230/460	24.0	48
25	1800	2700	284TC	**ZDVSM4103T**	10,794	VS3	30.42	458	93.6	230/460	31.0	48
30	1800	2700	286TC	**ZDVSM4104T**	11,533	VS3	30.42	472	93.6	230/460	38.0	48
40	1800	2700	324T	**ZDVSM4110T**	12,874	VS3	33.14	715	94.1	230/460	48.0	48
50	1800	2700	326T	**ZDVSM4115T**	15,110	VS3	33.14	721	94.5	230/460	58.0	48
60	1800	2700	364T	**ZDVSM4314T**	18,047	VS3	36.75	907		230/460	69.1	48
75	1800	2700	365T	**ZDVSM4316T**	21,895	VS3	36.75	944		230/460	85.6	48
460 volt												
100	1800	2700	405T	**ZDVSM4400T-4**	27,476	VS3	42.40	1297	94.1	460	112.0	48
125	1800	2700	444T	**ZDVSM4410T-4**	33,426	VS3	49.07	1667		460	140.0	48
150	1800	2700	445T	**ZDVSM4406T-4**	39,349	VS3	49.07	1806		460	165.0	48
200	1800	2700	447T	**ZDVSM4407T-4**	46,106	VS3	52.74	2203	95.4	460	218.0	48
250	1800	2700	449T	**ZDVSM4408T-4**	64,003	VS3	56.66	2768	95.8	460	272.0	48
300	1800	2700	449T	**ZDVSM44304T-4**	64,003	VS3	56.66	2817	96.2	460	322.0	48

Cast iron frame

V*S Master®, Vector Duty, TENV



Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1/2	1800	2700	56C	**ZDVSNM3538**	3,272	VS4	13.84	37	81.5	230/460	1.0	48, 32
3/4	1800	2700	56C	**ZDVSNM3542**	3,372	VS4	13.84	38	82.5	230/460	1.2	48, 32
1	1800	2700	143TC	**ZDNM3581T**	4,400	VS4	14.65	59	85.5	230/460	1.6	8, 32
			145TC	**ZDVSNM3581T**	4,400	VS4	14.65	59	85.5	230/460	1.6	48, 32
1 1/2	1800	2700	145TC	**ZDNM3584T**	4,605	VS4	14.65	58	86.5	230/460	2.3	8, 32
			145TC	**ZDVSNM3584T**	4,605	VS4	14.65	70	86.5	230/460	2.3	48, 32
2	1800	2700	145TC	**ZDVSNM3587T**	5,078	VS4	14.65	66	86.5	230/460	2.7	48, 32
			182TC	**ZDNM3669T**	5,078	VS4	17.21	95	88.5	230/460	3.0	8, 60, 32
3	1800	2700	182TC	**ZDVSNM3661T**	5,448	VS4	17.85	111	89.5	230/460	4.3	48
			184TC	**ZDNM3661T**	5,427	VS4	17.21	101	88.5	230/460	4.2	8, 60, 32
5	1800	2700	184TC	**ZDVSNM3665T**	5,865	VS4	17.85	124	89.5	230/460	6.6	48
			213TC	**ZDNM3767T**	6,165	VS4	20.40	173	89.5	230/460	6.2	8, 60, 32
7 1/2	1800	2700	215TC	**ZDVSNM2237T**	6,739	VS4	20.86	211	92.4	230/460	8.9	48
			256TC	**ZDNM2237T**	7,089	VS4	24.11	242	91.7	230/460	9.1	8, 60
10	1800	2700	254TC	**ZDVSNM2238T**	8,203	VS4	24.11	325	91.7	230/460	13.0	48
			256TC	**ZDNM2238T**	8,203	VS4	24.11	284	91.7	230/460	13.0	8, 60, 32
15	1800	2700	254TC	**ZDNM2333T**	9,297	VS4	24.11	286	92.4	230/460	18.5	8, 60
			256TC	**ZDVSNM2333T**	9,297	VS4	24.11	278	92.4	230/460	18.5	48
20	1800	2700	284T	**ZDNM2334T**	9,390	VS4	27.36	405	93.0	230/460	26.0	8, 45, 60

Cast iron frame

V*S Master®, Vector Duty, TEBC

Class “H” Insulated
Suitable for sinewave operation



Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1	1800	2700	143TC	**ZDM3581T**	5,042	VS2	19.15	66	85.5	230/460	1.6	60, 32
		1800	143TC	**ZDM3582T**	5,506	VS2	19.08	62	85.5	230/460	1.6	32
1 1/2	1800	2700	145TC	**ZDM3584T**	5,197	VS2	19.02	70	86.5	230/460	2.3	60, 32
	1200	1800	182TC	**ZDM3667T**	5,896	VS2	21.71	108	87.5	230/460	2.5	32
2	1800	2700	145TC	**ZDM3587T**	5,389	VS2	19.02	75	86.5	230/460	2.8	32
	1200	1800	184TC	**ZDM3664T**	5,994	VS2	21.71	113	88.5	230/460	3.2	32
3	1800	2700	182TC	**ZDM3661T**	6,227	VS2	21.71	112	89.5	230/460	4.1	32
	1200	1800	215TC	**ZDM3764T**	7,102	VS2	25.58	187	90.2	230/460	4.5	70, 32
5	1800	2700	184TC	**ZDM3665T**	6,448	VS2	21.71	125	90.2	230/460	6.5	32
	1200	1800	215TC	**ZDM3768T**	8,163	VS2	25.58	226	90.2	230/460	7.3	70, 32
7 1/2	1800	2700	213TC	**ZDM3770T**	7,283	VS2	25.58	170	91.7	230/460	9.5	70, 32
	1200	1800	254TC	**ZDM2276T**	10,691	VS2	29.22	333	91.0	230/460	10.7	70
10	1800	2700	215TC	**ZDM3774T**	7,632	VS2	25.58	231	92.4	230/460	12.5	70
	1200	1800	256TC	**ZDM2332T**	12,531	VS2	29.22	356	91.0	230/460	14.2	70
15	1800	2700	256TC	**ZDM2333T**	8,091	VS2	29.22	317	92.4	230/460	18.1	70
	1200	1800	284T	**ZDM4100T**	14,414	VS2	34.47	412	91.7	230/460	21.0	45, 70
20	1800	2700	256TC	**ZDM2334T**	8,482	VS2	29.22	335	93.0	230/460	24.0	70
	1200	1800	286T	**ZDM4102T**	15,934	VS2	34.47	462	91.7	230/460	27.0	45, 70
25	1800	2700	284T	**ZDM4103T**	9,898	VS2	34.47	416	93.6	230/460	31.0	45, 70
	1200	1800	324T	**ZDM4111T**	17,826	VS2	36.92	605	93.0	230/460	32.0	45, 70
30	1800	2700	286T	**ZDM4104T**	11,009	VS2	34.47	445	93.6	230/460	38.0	45, 70
	1200	1800	326T	**ZDM4117T**	19,567	VS2	36.92	604	93.0	230/460	39.0	45, 70
40	1800	2700	324T	**ZDM4110T**	14,042	VS2	36.92	610	94.1	230/460	48.0	45, 70
50	1800	2700	326T	**ZDM4115T**	15,471	VS2	36.92	631	94.5	230/460	58.0	45, 70
575 volt												
1	1800	2700	143TC	**ZDM3581T-5**	5,042	VS2	19.02	61	85.5	575	1.2	32
1 1/2	1800	2700	145TC	**ZDM3584T-5**	5,197	VS2	19.08	62	86.5	575	1.7	32
2	1800	2700	145TC	**ZDM3587T-5**	5,389	VS2	19.15	74	86.5	575	2.2	32
3	1800	2700	182TC	**ZDM3661T-5**	6,227	VS2	21.71	110	89.5	575	3.2	32
5	1800	2700	184TC	**ZDM3665T-5**	6,448	VS2	21.71	125	90.2	575	5.2	32
7 1/2	1800	2700	213TC	**ZDM3770T-5**	7,283	VS2	25.58	170	91.7	575	7.5	70, 32
10	1800	2700	215TC	**ZDM3774T-5**	7,632	VS2	25.58	231	92.4	575	10.0	70, 32
15	1800	2700	256TC	**ZDM2333T-5**	8,091	VS2	29.22	289	92.4	575	14.6	70
20	1800	2700	256TC	**ZDM2334T-5**	8,482	VS2	29.22	340	93.0	575	19.2	70

Cast iron frame

V*S Master Severe Duty, Vector drive

1 thru 50 Hp

Features
- Designed for severe duty applications
- TENV, TEFC, 1000:1 CT
- Rated torque from zero to base speed
- 1024 encoder
- 3 thermostats, one per phase
- Class H insulation

Applications
- Centrifugal pumps and fans
- Extruders, conveyors, crane and hoist, winders
- Web processing, process control, test stands

V*S Master®, Severe Duty, Vector drive

1.0 Service Factor
Includes phase insulation. Suitable for use on inverter.



Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1	1800	2700	143TC	**ZDVSNCP3581T**	4,620	VS4	14.61	65	85.5	230/460	1.6	
1 1/2	1800	2700	145TC	**ZDVSNCP3584T**	4,826	VS4	14.61	72	86.5	230/460	2.3	
2	1800	2700	145TC	**ZDVSNCP3587T**	5,299	VS4	14.61	73	86.5	230/460	2.7	
3	1800	2700	182TC	**ZDVSCP3661T**	5,978	VS3	20.23	135	89.5	230/460	4.1	
5	1800	2700	184TC	**ZDVSCP3665T**	6,486	VS3	20.23	128	89.5	230/460	6.6	
7 1/2	1800	2700	213TC	**ZDVSCP3770T**	7,514	VS3	25.03	201	91.7	230/460	9.5	
10	1800	2700	215TC	**ZDVSCP3774T**	8,223	VS3	25.03	218	92.4	230/460	12.5	
15	1800	2700	254TC	**ZDVSCP2333T**	9,837	VS3	28.14	374	92.4	230/460	18.1	
20	1800	2700	256TC	**ZDVSCP2334T**	10,447	VS3	28.14	381	93.0	230/460	24.0	
25	1800	2700	284TC	**ZDVSCP4103T**	12,497	VS3	30.79	481	93.6	230/460	31.0	
30	1800	2700	286TC	**ZDVSCP4104T**	13,420	VS3	30.79	494	93.6	230/460	38.0	
40	1800	2700	324T	**ZDVSCP4110T**	15,391	VS3	33.14	762	94.1	230/460	48.0	
50	1800	2700	326T	**ZDVSCP4115T**	18,187	VS3	33.14	757	94.5	230/460	58.0	

Cast iron frame

V*S Master® Accessories

Features
- 1024 pulses per revolution (unless otherwise noted in PPR column)
- Connector style 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

Applications
- V*S Master® motors

V*S Master® encoder feedback kits for IDVSM and IDVSNM motors

Connector styles include the MS twist lock (MS-TL), military style 10 pin screw tight (MS-ST), and the EPIC latch style (EPIC).
Encoder kits include the encoder and all mounting hardware.

Catalog Number	Enclo-sures	Type	PPR	NEMA Frame	Mfg.	M/O	Conn. Type	Voltage	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
K99G73	TEFC	HS35	1024	180T-440T	BEI	O	MS-ST	5 - 15	2,469	SVC	4
K99G77	TEFC	HS35	1024	180T-440T	BEI	O	MS-ST	5 - 24	2,469	SVC	5
K99G81	TEFC	HS35	1024	180T-440T	BEI	O	MS-TL	5 - 28	2,469	SVC	5
K99G83	TEFC	HS35R	1024	180T-440T	Dynapar	O	MS-TL	5 - 26	3,740	SVC	6
K99G79	TEFC	HSD35	1024	180T-440T	Dynapar	O	EPIC	5 - 26	2,778	SVC	6
K99G71	TEFC	RAHS35M	1024	180T-440T	Avtron	M	MS-ST	5 - 24	2,469	SVC	9
K99G72	TENV	HS35	1024	180T-250T	BEI	O	MS-ST	5 - 15	2,469	SVC	4
K99G76	TENV	HS35	1024	180T-250T	BEI	O	MS-ST	5 - 24	2,469	SVC	5
K99G80	TENV	HS35	1024	180T-250T	BEI	O	MS-TL	5 - 28	2,469	SVC	5
K99G82	TENV	HS35R	1024	180T-250T	Dynapar	O	MS-TL	5 - 26	3,738	SVC	6
K99G78	TENV	HSD35	1024	180T-250T	Northstar	O	EPIC	5 - 26	2,777	SVC	3
K99G70	TENV	RAHS35M	1024	180T-250T	Avtron	M	MS-ST	5 - 24	2,947	SVC	9
K99G75	TEFC	HS35-2048	2048	180T-440T	BEI	O	MS-ST	5 - 24	2,469	SVC	9
K99G74	TENV	HS35-2048	2048	180T-250T	BEI	O	MS-ST	5 - 15	2,469	SVC	4

Encoder feedback kits for IDM, IDNM, and IDWNM motors



Does not fit some legacy 180-440 EM, CP or ECP motors.

Catalog Number	Enclosures	Type	PPR	NEMA Frame	Mfg.	M/O	Conn. Type	Voltage	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
ENC01BC-B1	TEBC	HS25	1024	143T-215T	BEI	O	TL	5 - 15	2,469	SVC	1
ENC02BC-B2	TEBC	HS35	1024	254T-447T	BEI	O	TL	5 - 15	2,794	SVC	2
ENC02BC-A2	TEBC	HS35M	1024	254T-447T	Avtron	M	TL	5 - 24	3,826	SVC	2
ENC01BC-D2	TEBC	HS35R	1024	56-215T	Dynapar	O	TL	5 - 26	3,698	SVC	4
ENC02BC-D2	TEBC	HS35R	1024	254T-447T	Dynapar	O	TL	5 - 26	2,778	SVC	4
ENC00NV-B1	TENV	HS25	1024	56-215T	BEI	O	TL	5 - 15	2,469	SVC	2
ENC01NV-B2	TENV	HS35	1024	254T-284T	BEI	O	TL	5 - 15	2,469	SVC	2
ENC00NV-D1	TENV	HS35	1024	56-215T	Dynapar	O	TL	5 - 24	2,778	SVC	2
ENC00NV-A2	TENV	HS35M	1024	213T-215T	Avtron	M	TL	5 - 24	2,469	SVC	1
ENC01NV-A2	TENV	HS35M	1024	254T-256T	Avtron	M	TL	5 - 24	2,469	SVC	3
ENC00NV-D2	TENV	HS35R	1024	56-215T	Dynapar	O	TL	5 - 26	3,696	SVC	4
ENC01NV-D2	TENV	HS35R	1024	254T-256T	Dynapar	O	TL	5 - 26	3,698	SVC	4

Feedback cable assembly with MS connector



Twisted pair shielded for electrical noise protection.

Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
CBL015ZD-2	5 Ft = 1.5 Meters	476	SVC	1
CBL030ZD-2	10 Ft = 3 Meters	572	SVC	1
CBL046ZD-2	15 Ft = 4.6 Meters	682	SVC	2
CBL061ZD-2	20 Ft = 6.1 Meters	796	SVC	2
CBL091ZD-2	30 Ft = 9.1 Meters	862	SVC	3
CBL152ZD-2	50 Ft = 15.2 Meters	1,360	SVC	6
CBL229ZD-2	75 Ft = 22.9 Meters	1,838	SVC	6
CBL305ZD-2	100 Ft = 30.5 Meters	2,565	SVC	8
CBL455ZD-2	150 Ft = 45.5 Meters	3,180	SVC	15
CBL606ZD-2	200 Ft = 60.6 Meters	3,775	SVC	16

Connector transition (patch) cables



Transition from MS twist-lock (female) to MS screw-tight (male)
Transition from MS screw-tight (female) to MS twist-lock (male)

Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
CBLST2TL	MS-ST to MS-TL	686	SVC	2
CBLTL2ST	MS-TL to MS-ST	685	SVC	1

Constant velocity blower cooling conversion kits



Convert TENV & TEFC to TEBC
Does not fit some legacy 180-440 EM, CP or ECP motors.

Voltage	Phase	NEMA Frame	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
115	Single Phase	143TC-145TC	**BLWL05-L**	1,550	SVC	7
115	Single Phase	182TC-184TC	**BLWL06-L**	1,800	SVC	8
115	Single Phase	213TC-215TC	**BLWL07-L**	2,998	SVC	21
115	Single Phase	254TC-256TC	**BLWL09-L**	3,127	SVC	28
115	Single Phase	284TC-286TC	**BLWL10-L**	3,169	SVC	35
115	Single Phase	324TC-326TC	**BLWL12-L**	3,169	SVC	46
230/380/460	Three Phase	213TC-215TC	**BLWM07-F**	1,987	SVC	19
230/380/460	Three Phase	254TC-256TC	**BLWM09-F**	2,151	SVC	30
230/380/460	Three Phase	284TC-286TC	**BLWM10-F**	2,484	SVC	26
230/380/460	Three Phase	324TC-326TC	**BLWM12-F**	2,484	SVC	46
230/380/460	Three Phase	364TC-365TC	**BLWL14-L**	3,169	SVC	55
230/380/460	Three Phase	364TC-365TC	**BLWM14-F**	4,090	SVC	55
230/380/460	Three Phase	404TC-405TC	**BLWM16-F**	4,754	SVC	70
230/380/460	Three Phase	444TC-447TC	**BLWM18-F**	4,960	SVC	166

EC Titanium motor (General Purpose SP5+)

1 to 20 Hp

BALDOR · RELIANCE
SHAFT GROUNDING BRUSH INSTALLED
LB1508

IP54

NEMA PREMIUM 5

Features
- IE5+
- FASR - Ferrite Assisted Synchronous Reluctance Rotor
- Class F Insulation with Class B Motor temperature rise
- IP55 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
- Designed for longevity with 3 year warranty
- CE-marked for EU compliance
- 100% copper windings on all ratings

Applications
- Compressors
- Blowers
- Fans
- Unit Handling
- HVAC Systems
- Pumps
- Variable Speed Applications

EC Titanium™, three phase, TEFC, foot mounted



Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1	1800	4000	143T	ECS101M0H1DF4	1,535	EC1	12.29	28		230/460	1.2	37
2	1800	4000	145T	ECS101M0H2DF4	1,684	EC1	12.29	35	90.4	230/460	2.4	37
3	1800	4000	145T	ECS101M0H3DF4	1,765	EC1	13.29	44	91.0	230/460	3.4	37
			182T	ECS101M0H3EF4	1,846	EC1	16.54	59	92.8	230/460	3.7	
5	1800	4000	145T	ECS101M0H5DF4	1,919	EC1	15.54	64	93.0	230/460	5.2	37
			184T	ECS101M0H5EF4	1,990	EC1	16.54	68		230/460	5.3	
7.5	1800	4000	184T	ECS101M0H7EF4	2,396	EC1	18.04	95	94.0	230/460	8.8	
			213T	ECS101M0H7FF4	2,802	EC1	17.89	105	94.0	230/460	8.7	
10	1800	4000	215T	ECS101M0H10FF4	3,314	EC1	19.02	123	94.8	230/460	11.0	
15	1800	4000	215T	ECS101M0H15FF4	4,602	EC1	21.96	168	95.6	230/460	17.4	
460 volt												
20	1800	4000	215T	ECS101M4H20FF4	5,005	EC1	23.51	218		460	21.6	82
575 volt												
1	1800	4000	145T	ECS101M5H1DF4	1,689	EC1	12.29	39	89.5	575	0.9	
2	1800	4000	145T	ECS101M5H2DF4	1,852	EC1	12.29	44	90.7	575	1.7	
3	1800	4000	145T	ECS101M5H3DF4	1,942	EC1	13.29	54	93.0	575	2.5	
			182T	ECS101M5H3EF4	2,031	EC1	16.54	84	92.6	575	2.9	
5	1800	4000	145T	ECS101M5H5DF4	2,111	EC1	15.54	70	92.8	575	4.2	
			182T	ECS101M5H5EF4	2,189	EC1	16.54	97	93.7	575	4.3	

Red catalog number indicates **NEW** product

EC Titanium™, three phase, TEFC, foot mounted

Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
575 volt												
7.5	1800	4000	182T	ECS101M5H7EF4	2,636	EC1	18.04	143	94.0	575	7.0	
			215T	ECS101M5H7FF4	3,082	EC1	17.89	162	94.8	575	7.0	
10	1800	4000	215T	ECS101M5H10FF4	3,645	EC1	19.02	132	94.7	575	8.9	
15	1800	4000	215T	ECS101M5H15FF4	5,062	EC1	21.96	256	95.6	575	14.0	
20	1800	4000	215T	ECS101M5H20FF4	5,506	EC1	23.51	235	95.9	575	17.4	

Red catalog number indicates **NEW** product

EC Titanium™, three phase, TEFC, C-face foot mounted



Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1	1800	4000	143TC	ECS101M0H1DB4	1,577	EC1	13.29	48	89.3	230/460	1.2	37
2	1800	4000	145TC	ECS101M0H2DB4	1,725	EC1	13.29	42	90.4	230/460	2.4	37
3	1800	4000	145TC	ECS101M0H3DB4	1,807	EC1	13.29	51	91.0	230/460	3.4	37
			182TC	ECS101M0H3EB4	1,887	EC1	16.54	85	92.8	230/460	3.7	
5	1800	4000	145TC	ECS101M0H5DB4	1,960	EC1	15.54	70	93.0	230/460	5.2	37
			184TC	ECS101M0H5EB4	2,032	EC1	16.54	98	93.7	230/460	5.3	
7 1/2	1800	4000	184TC	ECS101M0H7EB4	2,438	EC1	18.04	151	94.0	230/460	8.8	
			213TC	ECS101M0H7FB4	2,844	EC1	18.63	167	94.0	230/460	8.9	
10	1800	4000	215TC	ECS101M0H10FB4	3,355	EC1	19.75	131	94.8	230/460	11.2	
15	1800	4000	215TC	ECS101M0H15FB4	4,643	EC1	22.69	262	95.6	230/460	17.8	
460 volt												
20	1800	4000	215TC	ECS101M4H20FB4	5,047	EC1	24.24	235	95.9	460	22.0	82
575 volt												
1	1800	4000	145TC	ECS101M5H1DB4	1,735	EC1	13.29	36	89.5	575	0.9	
2	1800	4000	145TC	ECS101M5H2DB4	1,898	EC1	13.29	45	90.7	575	1.7	
3	1800	4000	145TC	ECS101M5H3DB4	1,988	EC1	13.29	55	93.0	575	2.5	
			182TC	ECS101M5H3EB4	2,076	EC1	16.54	84	92.6	575	2.9	
5	1800	4000	145TC	ECS101M5H5DB4	2,156	EC1	14.17	70	92.8	575	4.2	
			182TC	ECS101M5H5EB4	2,235	EC1	16.54	97	93.7	575	4.3	
7.5	1800	4000	182TC	ECS101M5H7EB4	2,682	EC1	18.04	143	94.0	575	7.0	
			213TC	ECS101M5H7FB4	3,128	EC1	18.63	162	94.8	575	7.0	
10	1800	4000	213TC	ECS101M5H10FB4	3,691	EC1	19.75	132	94.7	575	8.9	
15	1800	4000	213TC	ECS101M5H15FB4	5,107	EC1	22.69	256	95.6	575	14.0	
20	1800	4000	213TC	ECS101M5H20FB4	5,552	EC1	24.24	235	95.9	575	17.4	

Red catalog number indicates **NEW** product

EC Titanium™, three phase, TEFC, C-face footless



Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
230/460 volt												
1	1800	4000	143TC	ECS101M0H1DC4	1,577	EC1	12.29	48	89.3	230/460	1.2	37
2	1800	4000	145TC	ECS101M0H2DC4	1,725	EC1	12.29	42	90.4	230/460	2.4	37
3	1800	4000	145TC	ECS101M0H3DC4	1,807	EC1	13.29	51	91.0	230/460	3.4	37
			182TC	ECS101M0H3EC4	1,887	EC1	16.54	85	92.8	230/460	3.7	
5	1800	4000	145TC	ECS101M0H5DC4	1,960	EC1	15.54	70	93.0	230/460	5.2	37
			184TC	ECS101M0H5EC4	2,032	EC1	16.54	98	93.7	230/460	5.3	
7 1/2	1800	4000	184TC	ECS101M0H7EC4	2,438	EC1	18.04	151	94.0	230/460	8.8	
			213TC	ECS101M0H7FC4	2,844	EC1	18.63	167	94.0	230/460	8.9	
10	1800	4000	215TC	ECS101M0H10FC4	3,355	EC1	19.75	131	94.8	230/460	11.2	
15	1800	4000	215TC	ECS101M0H15FC4	4,643	EC1	22.69	262	95.6	230/460	17.8	
460 volt												
20	1800	4000	215TC	ECS101M4H20FC4	5,047	EC1	24.24	235	95.9	460	22.0	82

Red catalog number indicates **NEW** product

EC Titanium™, three phase, TEFC, IEC frame B3



kW	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
190/380 volt, 50Hz												
0.75	1500	3000	D90S	ECS101M0K0P8DF4	1,819	EC1	12.95	47	87.7	190/380	1.3	
1.5	1500	3000	D90S	ECS101M0K1P5DF4	1,901	EC1	12.95	42	89.5	190/380	2.6	
2.2	1500	3000	D90S	ECS101M0K2P2DF4	1,981	EC1	12.95	51	91.8	190/380	3.6	
			D112S	ECS101M0K2P2EF4	2,356	EC1	16.16	84	91.5	190/380	4.0	
3	1500	3000	D112S	ECS101M0K3EF4	2,520	EC1	16.16	97	92.4	190/380	5.3	
4	1500	3000	D112S	ECS101M0K4EF4	2,645	EC1	16.16	97	91.6	190/380	6.8	
5.5	1500	3000	D132M	ECS101M0K5P5FF4	3,325	EC1	17.62	162	92.7	190/380	10.9	
7.5	1500	3000	D132S	ECS101M0K7P5FF4	4,150	EC1	18.75	131	93.7	190/380	14.4	
11	1500	3000	D132S	ECS101M0K11FF4	5,135	EC1	18.75	256	94.2	190/380	23.9	

Red catalog number indicates **NEW** product

EC Titanium™, three phase, TEFC, IEC frame B14



kW	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
190/380 volt, 50Hz												
0.75	1500	3000	D90C	ECS101M0K0P8DC4	2,052	EC1	12.75	47	87.7	190/380	1.3	
1.5	1500	3000	D90C	ECS101M0K1P5DC4	2,131	EC1	12.75	42	89.5	190/380	2.6	
2.2	1500	3000	D90C	ECS101M0K2P2DC4	2,211	EC1	13.75	51	91.8	190/380	3.6	
			D112C	ECS101M0K2P2EC4	2,586	EC1	15.88	84	91.5	190/380	4.0	
3	1500	3000	D112C	ECS101M0K3EC4	2,856	EC1	15.88	97	92.4	190/380	5.3	
4	1500	3000	D112C	ECS101M0K4EC4	3,013	EC1	15.88	97	91.6	190/380	5.3	
5.5	1500	3000	D132D	ECS101M0K5P5FC4	3,982	EC1	17.63	162	92.7	190/380	10.7	
7.5	1500	3000	D132C	ECS101M0K7P5FB4	4,475	EC1	18.75	131	93.7	190/380	14.1	
11	1500	3000	D132C	ECS101M0K11FB4	5,365	EC1	21.69	256	94.2	190/380	23.9	

Red catalog number indicates **NEW** product

EC Titanium™, three phase, TEFC, IEC frame B5



kW	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps	Notes
190/380 volt, 50Hz												
0.75	1500	3000	D90D	ECS101M0K0P8DD4	2,138	EC1	12.00	47	87.7	190/380	1.3	
1.5	1500	3000	D90D	ECS101M0K1P5DD4	2,203	EC1	12.00	42	89.5	190/380	2.6	
2.2	1500	3000	D90D	ECS101M0K2P2DD4	2,301	EC1	12.95	51	91.8	190/380	3.6	
			D112D	ECS101M0K2P2ED4	2,646	EC1	17.91	84	91.5	190/380	4.0	
3	1500	3000	D112D	ECS101M0K3ED4	2,920	EC1	17.91	97	92.4	190/380	5.3	
4	1500	3000	D112D	ECS101M0K4ED4	3,075	EC1	17.91	97	91.6	190/380	6.8	
5.5	1500	3000	D132D	ECS101M0K5P5FD4	4,044	EC1	17.62	162	92.7	190/380	10.7	
7.5	1500	3000	D132D	ECS101M0K7P5FE4	4,537	EC1	18.75	131	93.7	190/380	14.1	
11	1500	3000	D132D	ECS101M0K11FE4	5,427	EC1	21.69	256	94.2	190/380	23.9	

Red catalog number indicates **NEW** product

Integrated Motor Drive



Integrated Motor Drive

ABB's integrated motor drive systems combine motor and drive technologies for maximum efficiency, exceeding NEMA Super Premium efficiency standards. The compact design simplifies installation, reduces wiring complexity and saves space. Ideal for boosting efficiency and cutting energy costs, these systems offer outstanding performance, significant energy savings and easy maintenance.



EC Titanium integrated motor-drive



EC Titanium integrated motor-drive, plenum use



EC Titanium™ Accessories

EC Titanium integrated motor-drive
1 to 10 Hp

BALDOR · RELIANCE
SHAFT GROUNDING BRUSH INSTALLED
LB1508

IP54

Features
- Permanenant 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 Ouput
- 100% copper windings on all ratings
- IE5+ Motor Efficiency, CE-marked for EU compliance
- 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
- Compressors
- Blowers
- Fans
- Unit Handling
- HVAC Systems
- Pumps
- Variable speed applications

EC Titanium™ Integrated motor-drive, TEFC, foot mounted, Top Mount Drive



Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Volt-age	Motor Input Amps	Drive Mod-ule	Drive Out-put Amps	Notes
1-phase 100V…115V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	145T	ECS100T1H1DF4	2,566	EC2	12.38	35	91.0	230	2.4	ECI1A3P2	3.2	37, 68
1-phase 200…240V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	145T	ECS100T8H1DF4	2,566	EC2	12.38	35	91.0	230	2.4	ECI8A7P0	7.0	37, 68
2	1800	4000	145T	ECS100T8H2DF4	2,981	EC2	12.38	41	91.3	230	4.4	ECI8A7P0	7.0	37, 68
3-phase 200…240V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	145T	ECS100T2H1DF4	2,566	EC2	12.38	35	91.0	230	2.4	ECI2A4P3	4.3	37, 68
2	1800	4000	145T	ECS100T2H2DF4	2,981	EC2	12.38	41	91.3	230	4.3	ECI2A7P0	7.0	37, 68
3	1800	4000	182T	ECS100T2H3EF4	3,372	EC2	16.71	66	92.8	230	7.3	ECI2A10P5	10.5	68
5	1800	4000	184T	ECS100T2H5EF4	3,570	EC2	16.71	77	93.7	230	10.5	ECI2A10P5	10.5	68
3-phase 380…480V AC (+/-10%) – 3 Phase 460V Output														
1	1800	4000	143T	ECS100T4H1DF4	2,566	EC2	12.37	35	89.3	460	1.2	ECI4A2P2	2.2	37, 68
2	1800	4000	145T	ECS100T4H2DF4	2,801	EC2	12.38	41	91.9	460	2.2	ECI4A4P1	4.1	37, 68
3	1800	4000	145T	ECS100T4H3DF4	3,352	EC2	13.38	47	91.0	460	3.5	ECI4A4P1	4.1	37, 68
			182T	ECS100T4H3EF4	3,372	EC2	16.71	66	92.8	460	3.7	ECI4A4P1	4.1	68
5	1800	4000	184T	ECS100T4H5EF4	3,570	EC2	16.71	77	93.7	460	5.3	ECI4A5P8	5.8	68
7.5	1800	4000	184T	ECS100T4H7EF4	4,444	EC2	18.21	106	94.0	460	8.8	ECI4A9P5	9.5	68

Red catalog number indicates **NEW** product

EC Titanium™ Integrated motor-drive, TEFC, foot mounted, Top Mount Drive

Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Volt-age	Motor Input Amps	Drive Mod-ule	Drive Out-put Amps	Notes
3-phase 380…480V AC (+/-10%) – 3 Phase 460V Output														
7.5	1800	4000	213T	**ECS100T4H7FF4**	4,771	EC2	18.10	111	94.7	460	8.6	ECI4A9P5	9.5	68
10	1800	4000	215T	**ECS100T4H10FF4**	5,621	EC2	19.23	132	94.8	460	11.0	ECI4A12P0	12.0	68

Red catalog number indicates **NEW** product

EC Titanium™ Integrated motor-drive, TEFC, C-face foot mounted, Top Mount Drive



Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Volt-age	Motor Input Amps	Drive Mod-ule	Drive Out-put Amps	Notes
1-phase 100V…115V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	143TC	**ECS100T1H1DB4**	2,607	EC2	13.37	48	89.3	230	2.4	ECI1A3P2	3.2	37, 68
1-phase 200…240V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	145TC	**ECS100T8H1DB4**	2,607	EC2	13.38	48	91.0	230	2.4	ECI8A7P0	7.0	37, 68
2	1800	4000	145TC	**ECS100T8H2DB4**	3,022	EC2	13.38	42	91.3	230	4.4	ECI8A7P0	7.0	37, 68
3-phase 200…240V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	143TC	**ECS100T2H1DB4**	2,607	EC2	13.38	48	91.0	230	2.4	ECI2A4P3	4.3	37, 68
2	1800	4000	145TC	**ECS100T2H2DB4**	3,022	EC2	13.37	42	91.3	230	4.3	ECI2A7P0	7.0	37, 68
3	1800	4000	182TC	**ECS100T2H3EB4**	3,413	EC2	16.71	85	92.8	230	7.3	ECI2A10P5	10.5	68
5	1800	4000	184TC	**ECS100T2H5EB4**	3,611	EC2	16.71	98	93.7	230	10.5	ECI2A10P5	10.5	68
3-phase 380…480V AC (+/-10%) – 3 Phase 460V Output														
1	1800	4000	145TC	**ECS100T4H1DB4**	2,607	EC2	13.37	48	89.3	460	1.2	ECI4A2P2	2.2	37, 68
2	1800	4000	145TC	**ECS100T4H2DB4**	2,842	EC2	13.38	42	91.9	460	2.2	ECI4A4P1	4.1	37, 68
3	1800	4000	145TC	**ECS100T4H3DB4**	3,394	EC2	13.38	51	91.0	460	3.5	ECI4A4P1	4.1	37, 68
			182TC	**ECS100T4H3EB4**	3,413	EC2	16.71	85	92.8	460	3.7	ECI4A4P1	4.1	68
5	1800	4000	184TC	**ECS100T4H5EB4**	3,611	EC2	16.71	98	93.7	460	5.3	ECI4A5P8	5.8	68
7.5	1800	4000	184TC	**ECS100T4H7EB4**	4,486	EC2	18.21	151	94.0	460	8.8	ECI4A9P5	9.5	68
			213TC	**ECS100T4H7FB4**	4,813	EC2	18.84	167	94.7	460	8.6	ECI4A9P5	9.5	68
10	1800	4000	215TC	**ECS100T4H10FB4**	5,662	EC2	19.23	131	94.8	460	11.0	ECI4A12P0	12.0	68

Red catalog number indicates **NEW** product

EC Titanium™ Integrated motor-drive, TEFC, C-face footless, Top Mount Drive



Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Volt-age	Motor Input Amps	Drive Mod-ule	Drive Out-put Amps	Notes
1-phase 100V...115V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	145TC	**ECS100T1H1DC4**	2,607	EC2	12.38	48	91.0	230	2.4	ECI1A3P2	3.2	37, 68
1-phase 200...240V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	145TC	**ECS100T8H1DC4**	2,607	EC2	12.38	48	91.0	230	2.4	ECI8A7P0	7.0	37, 68
2	1800	4000	145TC	**ECS100T8H2DC4**	3,022	EC2	12.38	42	91.3	230	4.4	ECI8A7P0	7.0	37, 68
3-phase 200...240V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	145TC	**ECS100T2H1DC4**	2,607	EC2	12.38	48	91.0	230	2.4	ECI2A4P3	4.3	37, 68
2	1800	4000	145TC	**ECS100T2H2DC4**	3,022	EC2	12.38	42	91.3	230	4.3	ECI2A7P0	7.0	37, 68
3	1800	4000	182TC	**ECS100T2H3EC4**	3,413	EC2	16.71	85	92.8	230	7.3	ECI2A10P5	10.5	68
5	1800	4000	184TC	**ECS100T2H5EC4**	3,611	EC2	16.71	98	93.7	230	10.5	ECI2A10P5	10.5	68
3-phase 380...480V AC (+/-10%) – 3 Phase 460V Output														
1	1800	4000	143TC	**ECS100T4H1DC4**	2,607	EC2	12.37	48	89.3	460	1.2	ECI4A2P2	2.2	37, 68
2	1800	4000	145TC	**ECS100T4H2DC4**	2,842	EC2	12.38	42	91.9	460	2.2	ECI4A4P1	4.1	37, 68
3	1800	4000	145TC	**ECS100T4H3DC4**	3,394	EC2	13.38	51	91.0	460	3.5	ECI4A4P1	4.1	37, 68
			182TC	**ECS100T4H3EC4**	3,413	EC2	16.71	85	92.8	460	3.7	ECI4A4P1	4.1	68
5	1800	4000	184TC	**ECS100T4H5EC4**	3,611	EC2	16.71	98	93.7	460	5.3	ECI4A5P8	5.8	68
7.5	1800	4000	184TC	**ECS100T4H7EC4**	4,486	EC2	18.21	151	94.0	460	8.8	ECI4A9P5	9.5	68
			213TC	**ECS100T4H7FC4**	4,813	EC2	18.83	167	94.7	460	8.6	ECI4A9P5	9.5	68
10	1800	4000	215TC	**ECS100T4H10FC4**	5,662	EC2	19.23	131	94.8	460	11.0	ECI4A12P0	12.0	68

Red catalog number indicates **NEW** product

EC Titanium™ Integrated motor-drive, TEFC, IEC frame B3, Top Mount Drive



kW	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Volt-age	Motor Input Amps	Drive Mod-ule	Drive Out-put Amps	Notes
1-phase 200…240V AC (+/-10%) – 3 Phase 230V Output														
1.5	1500	3000	D90S	**ECS101T8K1P5DF4**	3,280	EC2	12.04	42	90.6	230	2.8	ECIN8A7P0	7.0	
3-Phase 400V AC (+10%/-5%), 50Hz - 3 Phase 400V Output														
0.75	1500	3000	D90S	**ECS101T3K0P8DF4**	2,822	EC2	12.04	47	89.2	380	1.3	ECIN4A2P2	2.2	
1.5	1500	3000	D90S	**ECS101T3K1P5DF4**	3,081	EC2	12.04	42	87.7	380	2.6	ECIN4A5P8	5.8	
2.2	1500	3000	D112S	**ECS101T3K2P2EF4**	3,709	EC2	16.34	84	91.4	380	4.4	ECIN4A5P8	5.8	
3	1500	3000	D112S	**ECS101T3K3EF4**	3,927	EC2	16.34	97	92.4	380	5.3	ECIN4A9P5	9.5	
4	1500	3000	D112	**ECS101T3K4EF4**	4,027	EC2	16.34	97	92.4	380	6.8	ECIN4A9P5	9.5	
5.5	1500	3000	D132S	**ECS101T3K5P5FF4**	5,248	EC2	17.87	162	92.9	380	10.5	ECIN4A12P0	12.0	
3-phase 200…240V AC (+/-10%) – 3 Phase 230V Output														
0.75	1500	3000	D90S	**ECS101T2K0P8DF4**	3,082	EC2	12.04	47	88.1	230	2.6	ECIN2A4P3	4.3	
1.5	1500	3000	D90S	**ECS101T2K1P5DF4**	3,082	EC2	12.04	42	90.6	230	5.2	ECIN2A7P0	7.0	
2.2	1500	3000	D112S	**ECS101T2K2P2EF4**	3,710	EC2	16.34	84	91.4	230	8.0	ECIN2A10P5	10.5	

Red catalog number indicates **NEW** product

EC Titanium™ Integrated motor-drive, TEFC, IEC frame B14, Top Mount Drive



kW	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Volt-age	Motor Input Amps	Drive Mod-ule	Drive Out-put Amps	Notes
1-phase 200…240V AC (+/-10%) – 3 Phase 230V Output														
1.5	1500	3000	D90C	**ECS101T8K1P5DC4**	3,510	EC2	12.84	42	90.6	230	2.8	ECIN8A7P0	7.0	
3-Phase 400V AC (+10%/-5%), 50Hz - 3 Phase 400V Output														
0.75	1500	3000	D90C	**ECS101T3K0P8DC4**	3,052	EC2	12.84	47	89.2	380	1.3	ECIN4A2P2	2.2	
1.5	1500	3000	D90C	**ECS101T3K1P5DC4**	3,311	EC2	12.84	42	87.7	380	2.6	ECIN4A5P8	5.8	
2.2	1500	3000	D112C	**ECS101T3K2P2EC4**	3,939	EC2	16.05	84	91.4	380	4.4	ECIN4A5P8	5.8	
3	1500	3000	D112C	**ECS101T3K3EC4**	4,157	EC2	16.05	97	92.4	380	5.3	ECIN4A9P5	9.5	
4	1500	3000	D112C	**ECS101T3K4EC4**	4,257	EC2	16.05	97	92.4	380	6.8	ECIN4A9P5	9.5	
5.5	1500	3000	D132C	**ECS101T3K5P5FC4**	5,478	EC2	17.89	162	92.2	380	10.5	ECIN4A12P0	12.0	

Red catalog number indicates **NEW** product

EC Titanium™ Integrated motor-drive, TEFC, IEC frame B5, Top Mount Drive



kW	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Volt-age	Motor Input Amps	Drive Mod-ule	Drive Out-put Amps	Notes
1-phase 200…240V AC (+/-10%) – 3 Phase 230V Output														
1.5	1500	3000	D90D	**ECS101T8K1P5DD4**	3,570	EC2	12.08	42	90.6	230	1.3	ECIN4A2P2	2.2	
3-Phase 400V AC (+10%/-5%), 50Hz - 3 Phase 400V Output														
0.75	1500	3000	D90D	**ECS101T3K0P8DD4**	3,112	EC2	12.08	47	89.2	380	1.3	ECIN4A2P2	2.2	
1.5	1500	3000	D90D	**ECS101T3K1P5DD4**	3,371	EC2	12.08	42	87.7	380	2.6	ECIN4A5P8	5.8	
2.2	1500	3000	D112D	**ECS101T3K2P2ED4**	3,999	EC2	18.08	84	91.4	380	4.4	ECIN4A5P8	5.8	
3	1500	3000	D112D	**ECS101T3K3ED4**	4,217	EC2	18.08	97	92.4	380	5.3	ECIN4A9P5	9.5	
4	1500	3000	D112D	**ECS101T3K4ED4**	4,317	EC2	18.08	97	92.4	380	6.8	ECIN4A9P5	9.5	
5.5	1500	3000	D132D	**ECS101T3K5P5FD4**	5,538	EC2	17.87	162	92.2	380	10.5	ECIN4A12P0	12.0	

Red catalog number indicates **NEW** product

EC Titanium™ Integrated motor-drive, TEFC, foot mounted, Axial Mount Drive



Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Motor Input Amps	Drive Module	Drive Output Amps	Notes
1-phase 100V...115V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	143T	**ECS100A1H1DF4**	2,566	EC3	16.71	49	91.0	230	2.4	ECI1A3P2	3.2	
1-phase 200...240V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	143T	**ECS100A8H1DF4**	2,566	EC3	16.71	35	91.0	230	2.4	ECI8A7P0	7.0	37, 68
2	1800	4000	145T	**ECS100A8H2DF4**	2,981	EC3	16.71	38	91.3	230	4.4	ECI8A7P0	7.0	37, 68
3-phase 200...240V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	143T	**ECS100A2H1DF4**	2,566	EC3	16.71	35	91.0	230	2.4	ECI2A4P3	4.3	37, 68
2	1800	4000	145T	**ECS100A2H2DF4**	2,981	EC3	16.71	38	91.3	230	4.3	ECI2A7P0	7.0	37, 68
3	1800	4000	182T	**ECS100A2H3EF4**	3,372	EC3	16.60	66	92.8	220-240	7.3	ECI2A10P5	10.5	68
5	1800	4000	184T	**ECS100A2H5EF4**	3,570	EC3	22.25	76	93.7	230	10.5	ECI2A10P5	10.5	68
3-phase 380...480V AC (+/-10%) – 3 Phase 460V Output														
1	1800	4000	143T	**ECS100A4H1DF4**	2,566	EC3	16.71	35	89.3	460	1.2	ECI4A2P2	2.2	37, 68
2	1800	4000	145T	**ECS100A4H2DF4**	2,801	EC3	16.71	38	91.9	460	2.2	ECI4A4P1	4.1	37, 68
3	1800	4000	145T	**ECS100A4H3DF4**	3,352	EC3	17.71	46	91.0	460	3.5	ECI4A4P1	4.1	37, 68
			182T	**ECS100A4H3EF4**	3,372	EC3	22.25	66	92.8	460	3.7	ECI4A4P1	4.1	68
5	1800	4000	184T	**ECS100A4H5EF4**	3,570	EC3	22.25	76	93.7	460	5.3	ECI4A5P8	5.8	68
7.5	1800	4000	184T	**ECS100A4H7EF4**	4,444	EC3	23.76	101	94.0	460	8.8	ECI4A9P5	9.5	68

Red catalog number indicates **NEW** product

EC Titanium™ Integrated motor-drive, TEFC, C-face foot mounted, Axial Mount Drive



Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Volt-age	Motor Input Amps	Drive Module	Drive Out-put Amps	Notes
1-phase 100V...115V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	145TC	**ECS100A1H1DB4**	2,607	EC3	17.71	48	91.0	230	2.4	ECI1A3P2	3.2	37, 68
1-phase 200...240V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	145TC	**ECS100A8H1DB4**	2,607	EC3	17.71	48	91.0	230	2.4	ECI8A7P0	7.0	37, 68
2	1800	4000	145TC	**ECS100A8H2DB4**	3,022	EC3	17.71	42	90.7	230	4.4	ECI8A7P0	7.0	37, 68
3-phase 200...240V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	145TC	**ECS100A2H1DB4**	2,607	EC3	17.71	48	91.0	230	2.4	ECI2A4P3	4.3	37, 68
2	1800	4000	145TC	**ECS100A2H2DB4**	3,022	EC3	17.71	42	91.3	230	4.3	ECI2A7P0	7.0	37, 68
3-phase 380...480V AC (+/-10%) – 3 Phase 460V Output														
1	1800	4000	143TC	**ECS100A4H1DB4**	2,607	EC3	17.71	48	89.3	460	1.2	ECI4A2P2	2.2	37, 68
2	1800	4000	145TC	**ECS100A4H2DB4**	2,842	EC3	17.71	42	91.9	460	2.2	ECI4A4P1	4.1	37, 68
3	1800	4000	145TC	**ECS100A4H3DB4**	3,394	EC3	17.71	51	91.0	460	3.5	ECI4A4P1	4.1	37, 68

Red catalog number indicates **NEW** product

EC Titanium™ Integrated motor-drive, TEFC, C-face footless, Axial Mount Drive



Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Volt-age	Motor Input Amps	Drive Mod-ule	Drive Out-put Amps	Notes
1-phase 100V...115V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	143TC	**ECS100A1H1DC4**	2,607	EC3	16.71	48	89.3	230	2.4	ECI1A3P2	3.2	37, 68
1-phase 200...240V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	143TC	**ECS100A8H1DC4**	2,607	EC3	16.72	48	91.0	230	2.4	ECI8A7P0	7.0	37, 68
2	1800	4000	145TC	**ECS100A8H2DC4**	3,022	EC3	16.72	42	91.3	230	4.4	ECI8A7P0	7.0	37, 68
3-phase 200...240V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	143TC	**ECS100A2H1DC4**	2,607	EC3	16.72	48	91.0	230	2.4	ECI2A4P3	4.3	37, 68
2	1800	4000	145TC	**ECS100A2H2DC4**	3,022	EC3	16.72	42	91.3	230	4.3	ECI2A7P0	7.0	37, 68
3	1800	4000	182TC	**ECS100A2H3EB4**	3,412	EC3	22.25	85	92.8	230	7.3	ECI2A10P5	10.5	68
			182TC	**ECS100A2H3EC4**	3,412	EC3	22.25	85	92.8	230	7.3	ECI2A10P5	10.5	68
5	1800	4000	184TC	**ECS100A2H5EB4**	3,611	EC3	22.25	98	93.7	230	10.5	ECI2A10P5	10.5	68
			184TC	**ECS100A2H5EC4**	3,611	EC3	22.25	98	93.7	230	10.5	ECI2A10P5	10.5	68
3-phase 380...480V AC (+/-10%) – 3 Phase 460V Output														
1	1800	4000	143TC	**ECS100A4H1DC4**	2,607	EC3	16.71	48	89.3	460	1.2	ECI4A2P2	2.2	37, 68
2	1800	4000	143TC	**ECS100A4H2DC4**	2,842	EC3	16.72	42	91.9	460	2.2	ECI4A4P1	4.1	37, 68
3	1800	4000	143TC	**ECS100A4H3DC4**	3,394	EC3	17.72	51	91.0	460	3.5	ECI4A4P1	4.1	37, 68
			182TC	**ECS100A4H3EB4**	3,413	EC3	22.25	85	92.8	460	3.7	ECI4A4P1	4.1	68
			182TC	**ECS100A4H3EC4**	3,413	EC3	22.25	85	92.8	460	3.7	ECI4A4P1	4.1	68
5	1800	4000	184TC	**ECS100A4H5EB4**	3,611	EC3	22.25	98	93.7	460	5.3	ECI4A5P8	5.8	68
			184TC	**ECS100A4H5EC4**	3,611	EC3	22.25	98	93.7	460	5.3	ECI4A5P8	5.8	68
7.5	1800	4000	184TC	**ECS100A4H7EB4**	4,486	EC3	23.76	151	94.0	460	8.8	ECI4A9P5	9.5	68
			184TC	**ECS100A4H7EC4**	4,486	EC3	23.76	151	94.0	460	8.8	ECI4A9P5	9.5	68

Red catalog number indicates **NEW** product

EC Titanium™ Integrated motor-drive, TEFC, IEC frame B3, Axial Mount Drive



kW	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Volt-age	Motor Input Amps	Drive Mod-ule	Drive Out-put Amps	Notes
1-phase 200…240V AC (+/-10%) – 3 Phase 230V Output														
1.5	1500	3000	D90S	ECS101A8K1P5DF4	3,280	EC3	15.38	42	90.6	230	2.8	ECIN8A7P0	7.0	
3-Phase 400V AC (+10%/-5%), 50Hz - 3 Phase 400V Output														
0.75	1500	3000	D90S	ECS101A3K0P8DF4	2,822	EC3	16.38	47	89.2	380	1.3	ECIN4A2P2	2.2	
1.5	1500	3000	D90S	ECS101A3K1P5DF4	3,081	EC3	15.38	42	87.7	380	2.6	ECIN4A5P8	5.8	
2.2	1500	3000	D112S	ECS101A3K2P2EF4	3,709	EC3	21.87	84	91.4	380	4.4	ECIN4A5P8	5.8	
3	1500	3000	D112S	ECS101A3K3EF4	3,927	EC3	21.87	97	92.4	380	5.3	ECIN4A9P5	9.5	
4	1500	3000	D112S	ECS101A3K4EF4	4,027	EC3	21.87	97	92.4	380	6.8	ECIN4A9P5	9.5	
3-phase 200…240V AC (+/-10%) – 3 Phase 230V Output														
0.75	1500	3000	D90S	ECS101A2K0P8DF4	3,082	EC3	16.38	47	88.1	230	2.6	ECIN2A4P3	4.3	
1.5	1500	3000	D90S	ECS101A2K1P5DF4	3,082	EC3	15.38	42	90.6	230	5.2	ECIN2A7P0	7.0	
2.2	1500	3000	D112S	ECS101A2K2P2EF4	3,710	EC3	21.87	84	91.4	230	8.0	ECIN2A10P5	10.5	

Red catalog number indicates **NEW** product

EC Titanium™ Integrated motor-drive, TEFC, IEC frame B14, Axial Mount Drive



kW	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Volt-age	Motor Input Amps	Drive Mod-ule	Drive Out-put Amps	Notes
1-phase 200…240V AC (+/-10%) – 3 Phase 230V Output														
1.5	1500	3000	D90C	ECS101A8K1P5DC4	3,510	EC3	17.18	42	90.6	230	2.8	ECIN8A7P0	7.0	
3-Phase 400V AC (+10%/-5%), 50Hz - 3 Phase 400V Output														
0.75	1500	3000	D90C	ECS101A3K0P8DC4	3,052	EC3	17.18	47	89.2	380	1.3	ECIN4A2P2	2.2	
1.5	1500	3000	D90C	ECS101A3K1P5DC4	3,311	EC3	17.18	42	87.7	380	2.6	ECIN4A5P8	5.8	
2.2	1500	3000	D112C	ECS101A3K2P2EC4	3,939	EC3	21.59	84	91.4	380	4.4	ECIN4A5P8	5.8	
3	1500	3000	D112C	ECS101A3K3EC4	4,157	EC3	21.59	97	92.4	380	5.3	ECIN4A9P5	9.5	
4	1500	3000	D112C	ECS101A3K4EC4	4,257	EC3	21.59	97	92.4	380	6.8	ECIN4A9P5	9.5	

Red catalog number indicates **NEW** product

EC Titanium™ Integrated motor-drive, TEFC, IEC frame B5, Axial Mount Drive



kW	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Volt-age	Motor Input Amps	Drive Mod-ule	Drive Out-put Amps	Notes
1-phase 200…240V AC (+/-10%) – 3 Phase 230V Output														
1.5	1500	3000	D90D	**ECS101A8K1P5DD4**	3,570	EC3	16.42	42	90.6	230	2.8	ECIN8A7P0	7.0	
3-Phase 400V AC (+10%/-5%), 50Hz - 3 Phase 400V Output														
0.75	1500	3000	D90D	**ECS101A3K0P8DD4**	3,112	EC3	16.42	47	89.2	380	1.3	ECIN4A2P2	2.2	
1.5	1500	3000	D90D	**ECS101A3K1P5DD4**	3,371	EC3	16.42	42	87.7	380	2.6	ECIN4A5P8	5.8	
2.2	1500	3000	D112D	**ECS101A3K2P2ED4**	3,999	EC3	23.62	84	91.4	380	4.4	ECIN4A5P8	5.8	
3	1500	3000	D112D	**ECS101A3K3ED4**	4,217	EC3	23.62	97	92.4	380	5.3	ECIN4A9P5	9.5	
4	1500	3000	D112D	**ECS101A3K4ED4**	4,317	EC3	23.62	97	92.4	380	6.8	ECIN4A12P0	12.0	

Red catalog number indicates **NEW** product

EC Titanium integrated motor-drive, plenum use

1 thru 10 Hp

BALDOR · RELIANCE
SHAFT GROUNDING BRUSH INSTALLED
LB1508

IP54

Features

- IP54 Gasket Aluminum Cover Enclosure and Fan Cover
- 100% copper windings on all ratings
- Serial Modbus RJ45 Interface, Non-Bluetooth Drive
- 2 Digital Inputs, 2 Configurable Inputs (Analog or Digital)
- 1 Relay Ouput
- 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
- CE-marked for EU compliance

Applications

- General Purpose Applications
- Blowers
- Fans
- Unit Handling
- HVAC Systems
- Pumps
- Variable Speed Applications

EC Titanium™ Integrated motor-drive, TEFC, foot mounted, Top Mount Drive, Plenum Use



Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Volt-age	Motor Input Amps	Drive Mod-ule	Drive Out-put Amps	Notes
1-phase 100V…115V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	143T	ECS101T1H1DF4	2,566	EC2	12.38	37	91.0	230	2.4	ECIN1A3P2	3.2	37, 68
1-phase 200…240V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	143T	ECS101T8H1DF4	2,566	EC2	12.38	49	91.0	230	2.4	ECIN8A7P0	7.0	37, 68
2	1800	4000	145T	ECS101T8H2DF4	2,981	EC2	12.38	42	90.7	230	4.4	ECIN8A7P0	7.0	37, 68
3-phase 200…240V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	143T	ECS101T2H1DF4	2,566	EC2	12.37	49	91.0	230	2.4	ECIN2A4P3	4.3	37, 68
2	1800	4000	145T	ECS101T2H2DF4	2,981	EC2	12.38	42	91.3	230	4.3	ECIN2A7P0	7.0	37, 68
3	1800	4000	182T	ECS101T2H3EF4	3,371	EC2	16.71	71	92.8	230	7.3	ECIN2A10P5	10.5	68
5	1800	4000	184T	ECS101T2H5EF4	3,570	EC2	16.71	80	93.7	230	10.5	ECIN2A10P5	10.5	68
3-phase 380…480V AC (+/-10%) – 3 Phase 460V Output														
1	1800	4000	143T	ECS101T4H1DF4	2,566	EC2	12.38	38	90.3	460	1.2	ECIN4A2P2	2.2	37, 68
2	1800	4000	145T	ECS101T4H2DF4	2,801	EC2	12.38	42	91.9	460	2.2	ECIN4A4P1	4.1	37, 68
3	1800	4000	145T	ECS101T4H3DF4	3,353	EC2	13.39	51	91.0	460	3.5	ECIN4A4P1	4.1	68
			182T	ECS101T4H3EF4	3,371	EC2	16.71	88	92.8	460	3.7	ECIN4A4P1	4.1	68
5	1800	4000	184T	ECS101T4H5EF4	3,570	EC2	16.71	80	93.7	460	5.3	ECIN4A5P8	5.8	37, 68
7.5	1800	4000	184T	ECS101T4H7EF4	4,443	EC2	18.21	156	94.0	460	8.8	ECIN4A9P5	9.5	37, 68

Red catalog number indicates NEW product

EC Titanium™ Integrated motor-drive, TEFC, foot mounted, Top Mount Drive, Plenum Use

Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Volt-age	Motor Input Amps	Drive Mod-ule	Drive Out-put Amps	Notes
3-phase 380…480V AC (+/-10%) – 3 Phase 460V Output														
7.5	1800	4000	213T	**ECS101T4H7FF4**	4,772	EC2	18.10	178	94.7	460	8.6	ECIN4A9P5	9.5	68
10	1800	4000	215T	**ECS101T4H10FF4**	5,621	EC2	19.23	131	94.8	460	11.0	ECIN4A12P0	12.0	68

Red catalog number indicates **NEW** product

EC Titanium Integrated motor-drive, TEFC, foot mounted, Axial Mount Drive, Plenum Use



Hp	Base Speed	C.H. Speed RPM	Frame	Catalog Number	List Price (USD)	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Volt-age	Motor Input Amps	Drive Mod-ule	Drive Out-put Amps	Notes
1-phase 100V…115V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	143T	**ECS101A1H1DF4**	2,607	EC3	16.71	34	91.0	230	2.4	ECIN1A3P2	3.2	
1-phase 200…240V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	143T	**ECS101A8H1DF4**	2,607	EC3	16.71	49	91.0	230	2.4	ECIN8A7P0	7.0	
2	1800	4000	145T	**ECS101A8H2DF4**	3,022	EC3	16.71	42	90.7	230	4.4	ECIN8A7P0	7.0	
3-phase 200…240V AC (+/-10%) – 3 Phase 230V Output														
1	1800	4000	143T	**ECS101A2H1DF4**	2,607	EC3	16.71	36	91.0	230	2.4	ECIN2A4P3	4.3	
2	1800	4000	145T	**ECS101A2H2DF4**	3,022	EC3	16.71	42	91.3	230	4.3	ECIN2A7P0	7.0	
3	1800	4000	182T	**ECS101A2H3EF4**	3,413	EC3	22.25	88	92.8	230	7.3	ECIN2A10P5	10.5	
5	1800	4000	184T	**ECS101A2H5EF4**	3,611	EC3	22.25	100	93.7	230	10.5	ECIN2A10P5	10.5	
3-phase 380…480V AC (+/-10%) – 3 Phase 460V Output														
1	1800	4000	143T	**ECS101A4H1DF4**	2,607	EC3	16.71	36	89.3	460	1.2	ECIN4A2P2	2.2	
2	1800	4000	145T	**ECS101A4H2DF4**	2,842	EC3	16.71	42	91.9	460	2.2	ECIN4A4P1	4.1	
3	1800	4000	145T	**ECS101A4H3DF4**	3,394	EC3	17.71	51	91.4	460	3.5	ECIN4A4P1	4.1	
			182T	**ECS101A4H3EF4**	3,413	EC3	22.25	88	92.8	460	3.7	ECIN4A4P1	4.1	
5	1800	4000	184T	**ECS101A4H5EF4**	3,611	EC3	22.25	100	93.7	460	5.3	ECIN4A5P8	5.8	
7.5	1800	4000	184T	**ECS101A4H7EF4**	4,486	EC3	23.76	156	94.0	460	8.8	ECIN4A9P5	9.5	

Red catalog number indicates **NEW** product

EC Titanium™ Accessories

Features

- Remote keypad - Kit comes with a 3-meter RJ45 cable
- Copysticks - Includes Bluetooth capability and communication status LED indication.
- Copysticks - LED indicators for parameter upload and download.
- Copysticks - Lock/Unlock function to prevent parameter overwrite.
- RJ45 to USB Cable - PC Connection Kit, Isolated RJ45 to USB 3-meter Cable for ECM Software Tools.
- RJ45 to USB Cable - High quality electrical separation between PC and Drive.
- RJ45 to USB Cable - Isolation voltage 2.5 vrms / 1 minute
- RJ45 to USB Cable: +/-15 kV ESD protection on RS485 pin
- RJ45 to USB Cable - Visual indicators (LED): 2 (Rx and Tx)
- RJ45 to USB Cable - Speed: up to 1 Mbps

Applications

- Copysticks - The COPYSTICK2 is used for fast and accurate repeat drive programming.
- Remote keypad - Designed for programming and control of the EC Titanium™.
- RJ45 to USB Cable - This kit is used when programming the drive with the PC Software Tools.

EC Titanium accessories



Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
ECS100B	Copystick	377	SVC	1
ECS100L	Remote Keypad	171	SVC	0
ECS100U	RJ45 to USB Cable	763	SVC	1

DC Permanent Magnet



DC Permanent Magnet

ABB's Baldor-Reliance DC permanent magnet motors offer high efficiency, compact design and strong low-speed torque. They provide precise speed control, low maintenance and exceptional responsiveness for frequent start/stop cycles. Ideal for robotics, packaging machinery and various industrial applications.



Fractional SCR Drive, permanent magnet



Explosion Proof, SCR DC motor, permanent magnet



Washdown SCR, permanent magnet DC motor



Paint Free, DC SCR drive, permanent magnet



Metric Flange SCR, permanent magnet



Low voltage, permanenet magnet motor

Product line		DC PM	XP DC PM	Washdown DC PM
Frame sizes		56C - 1810ATC	56C - 1810ATC	56C - 1810ATC
Electrical features	Reduced VOC emission resins and paints for a green environment	S	S	S
	Extensive full load testing to ensure delivered reliability/performance	S	S	S
	Low rotating assembly inertia for high dynamic performance	S	S	S
	Explosion proof products for hazardous duty environments	-	S	-
	Motors suitable for IEEE 45 shipboard applications	-	-	S
	Wide voltage ranges – 12 volts DC to 600 volts DC	S	S	S
Mechanical features	Washdown products for food industry applications	-	-	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 A = Available through Mod Express® or as custom

Fractional SCR Drive, permanent magnet

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

Fractional SCR PM Motors



Hp	Base Speed	Frame	Encl.	VDC Arm.	Full Load Amps - Arm.	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Notes
1/4	1750	56C	TENV	90	2.5	**CDP3310**	1,179	PMS	24	60
		56C	TENV	180	1.3	**CDP3306**	1,179	PMS	23	60
1/3	1750	56C	TENV	90	3.2	**CDP3320**	1,391	PMS	27	60
		56C	TENV	180	1.6	**CDP3316**	1,243	PMS	27	60
1/2	1750	56C	TENV	90	4.8	**CDP3330**	1,391	PMS	32	60
		56C	TENV	180	2.5	**CDP3326**	1,391	PMS	31	60
	2500	56C	TENV	90	5.0	**CDP3335**	1,243	PMS	26	60
3/4	1750	56C	TEFC	90	7.6	**CDP3440**	1,689	PMS	38	
		56C	TEFC	180	3.7	**CDP3436**	1,689	PMS	38	
	2400	56C	TEFC	90	7.5	**CDP3443**	1,495	PMS	36	
1	1750	56C	TEFC	90	10.0	**CDP3445**	2,055	PMS	44	
		56C	TEFC	180	5.0	**CDP3455**	2,055	PMS	44	
	2400	56C	TEFC	90	9.7	**CDP3450**	1,689	PMS	38	
		56C	TEFC	180	4.9	**CDP3460**	1,689	PMS	38	
1 1/2	1750	145TC	TEFC	180	7.7	**CDP3575**	3,784	PMS	65	
	2500	145TC	TEFC	180	7.0	**CDP3580**	3,293	PMS	60	
2	1750	145TC	TEFC	180	9.6	**CDP3585**	4,515	PMS	74	
	2400	145TC	TEFC	180	10.0	**CDP3590**	3,784	PMS	66	8
3	1750	184TC	TEFC	180	14.0	**CDP3603**	5,561	PMS	112	
		184C	TEFC	180	14.0	**CDP3604**	5,530	PMS	112	
5	1750	1810ATC	TEFC	180	21.6	**CDP3605**	9,437	PMS	161	

Fractional SCR PM Motors, Integral tach



Hp	Base Speed	Frame	Encl.	VDC Arm.	Full Load Amps - Arm.	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Notes
1/4	1750	56C	TENV	90	2.5	**CDPT3310**	3,366	PMS	27	60
		56C	TENV	180	1.3	**CDPT3306**	3,366	PMS	27	60
1/3	1750	56C	TENV	90	3.2	**CDPT3320**	3,433	PMS	30	60
		56C	TENV	180	1.6	**CDPT3316**	3,433	PMS	30	60
1/2	1750	56C	TENV	90	4.8	**CDPT3330**	3,433	PMS	34	60
		56C	TENV	180	2.5	**CDPT3326**	3,649	PMS	35	60
3/4	1750	56C	TEFC	90	7.6	**CDPT3440**	3,860	PMS	44	
		56C	TEFC	180	3.7	**CDPT3436**	3,860	PMS	45	
1	1750	56C	TEFC	90	10.0	**CDPT3445**	4,306	PMS	49	
		56C	TEFC	180	5.0	**CDPT3455**	4,306	PMS	49	
1 1/2	1750	145TC	TEFC	180	7.7	**CDPT3575**	5,976	PMS	71	
2	1750	143TC	TEFC	180	9.6	**CDPT3585**	6,705	PMS	77	
3	1750	184ATC	TEFC	180	14.0	**CDPT3603**	7,799	PMS	120	
5	1750	1810ATC	TEFC	180	24.5	**CDPT3605**	11,667	PMS	164	

Explosion Proof, SCR DC motor, permanent magnet

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

Explosion Proof, SCR PM



Hp	Base Speed	Frame	VDC Arm.	Full Load Amps - Arm.	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Notes
1/4	1750	56C	90	2.7	**CDPX3410**	②	T3C	3,236	PMS	37	
		56C	180	1.3	**CDPX3406**	②	T3C	3,236	PMS	38	
1/3	1750	56C	90	3.6	**CDPX3420**	②	T3C	4,064	PMS	43	
		56C	180	1.7	**CDPX3416**	②	T3C	4,064	PMS	44	
1/2	1750	56C	90	5.2	**CDPX3430**	②	T3C	4,589	PMS	46	
		56C	180	2.5	**CDPX3426**	②	T3C	4,589	PMS	46	
3/4	1750	56C	90	7.0	**CDPX3440**	②	T3C	5,673	PMS	51	
		56C	180	3.5	**CDPX3436**	②	T3C	5,673	PMS	51	
1	1750	56C	90	9.6	**CDPX3545**	②	T3C	7,555	PMS	70	
		56C	180	4.9	**CDPX3555**	②	T3C	7,555	PMS	70	
1 1/2	1750	145TC	180	7.1	**CDPX3575**	②	T3C	8,075	PMS	80	

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

Washdown SCR, permanent magnet DC motor
1/4 thru 5 Hp

IP55

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

Washdown SCR PM



Hp	Base Speed	Frame	Encl.	VDC Arm.	Full Load Amps - Arm.	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Notes
1/4	1750	56C	TENV	90	2.5	**CDPWD3310**	1,526	PMS	23	60
		56C	TENV	180	1.3	**CDPWD3306**	1,526	PMS	24	60
1/3	1750	56C	TENV	90	3.2	**CDPWD3320**	1,612	PMS	27	60
		56C	TENV	180	1.6	**CDPWD3316**	1,612	PMS	27	60
1/2	1750	56C	TENV	90	4.8	**CDPWD3330**	1,813	PMS	32	60
		56C	TENV	180	2.5	**CDPWD3326**	1,813	PMS	32	60
3/4	1750	56C	TEFC	90	7.6	**CDPWD3440**	2,187	PMS	38	
		56C	TEFC	180	3.7	**CDPWD3436**	2,187	PMS	37	
1	1750	56C	TEFC	90	10.0	**CDPWD3445**	2,668	PMS	44	
		56C	TEFC	180	5.0	**CDPWD3455**	2,668	PMS	44	
1 1/2	1750	145TC	TEFC	180	7.7	**CDPWD3575**	5,103	PMS	66	
2	1750	145TC	TEFC	180	9.6	**CDPWD3585**	5,856	PMS	72	
3	1750	184TC	TEFC	180	14.0	**CDPWD3603**	7,794	PMS	116	
5	1750	1810ATC	TEFC	180	24.5	**CDPWD3605**	13,201	PMS	157	

Paint Free, DC SCR drive, permanent magnet

1/4 thru 1 Hp

IP55

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

Paint-Free Washdown SCR PM



Hp	Base Speed	Frame	Encl.	VDC Arm.	Full Load Amps - Arm.	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Notes
1/4	1750	56C	TEFC	90	2.7	**CDPSWD3410**	1,828	PMS	29	
		56C	TEFC	180	1.3	**CDPSWD3406**	1,828	PMS	28	
1/2	1750	56C	TEFC	90	5.2	**CDPSWD3430**	2,165	PMS	37	
		56C	TEFC	180	2.5	**CDPSWD3426**	2,165	PMS	38	
1	1750	56C	TEFC	90	9.6	**CDPSWD3545**	3,199	PMS	61	
		56C	TEFC	180	4.9	**CDPSWD3555**	3,199	PMS	63	

Metric Flange SCR, permanent magnet

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

Metric Flange SCR PM



kW/Hp	Base Speed	Frame	Encl.	VDC Arm.	Full Load Amps - Arm.	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Notes
.18/.25	1750	D71D	TENV	180	1.3	**VP3311D**	1,179	PMS	22	60
		D71C	TEFC	180	1.4	**VP3411-14**	1,326	PMS	30	
.25/.33	1750	D71D	TENV	180	1.6	**VP3316D**	1,243	PMS	26	60
		D71C	TEFC	180	1.7	**VP3416-14**	1,411	PMS	31	
.37/.50	1750	D71C	TEFC	180	2.5	**VP3426-14**	1,442	PMS	36	
	3000	D71D	TEFC	180	2.5	**VP3428D**	1,442	PMS	32	
		D71C	TEFC	180	2.5	**VP3428-14**	1,442	PMS	31	
.37/.5	1750	D71D	TENV	180	2.5	**VP3326D**	1,391	PMS	31	60
.56/.75	3000	D80C	TEFC	180	3.6	**VP3439-14**	1,495	PMS	35	
.57/.75	3000	D80D	TEFC	180	3.6	**VP3439D**	1,495	PMS	37	
.75/1	3000	D80C	TEFC	180	5.1	**VP3458-14**	1,689	PMS	39	
		D80D	TEFC	180	5.1	**VP3458D**	1,689	PMS	41	
.56/.75	1750	D80C	TEFC	180	3.7	**VP3436-14**	1,689	PMS	40	
.57/.75	1750	D80D	TEFC	180	3.7	**VP3436D**	1,689	PMS	40	
.75/1	1750	D80C	TEFC	180	5.0	**VP3455-14**	2,055	PMS	45	
		D80D	TEFC	180	5.0	**VP3455D**	2,055	PMS	46	
1.1/1.5	3000	D80C	TEFC	180	7.7	**VP3468-14**	1,834	PMS	43	
		D90D	TEFC	180	7.7	**VP3468D**	1,884	PMS	46	
	1750	D90C	TEFC	180	7.7	**VP3575-14**	3,807	PMS	84	
		D90D	TEFC	180	7.7	**VP3575D**	3,807	PMS	67	
1.5/2	3000	D90C	TEFC	180	10.0	**VP3588-14**	3,807	PMS	70	
		D90D	TEFC	180	10.0	**VP3588D**	3,807	PMS	67	
	1750	D90C	TEFC	180	9.6	**VP3585-14**	4,542	PMS	80	
		D90D	TEFC	180	9.6	**VP3585D**	4,542	PMS	75	
2.2/3	1750	D112D	TEFC	180	14.0	**VP3603D**	5,587	PMS	122	
3.7/5	1750	D112D	TEFC	180	24.5	**VP3605D**	9,208	PMS	65	

Low voltage, permanenet magnet motor

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
- connection on ratings 40-amps and up

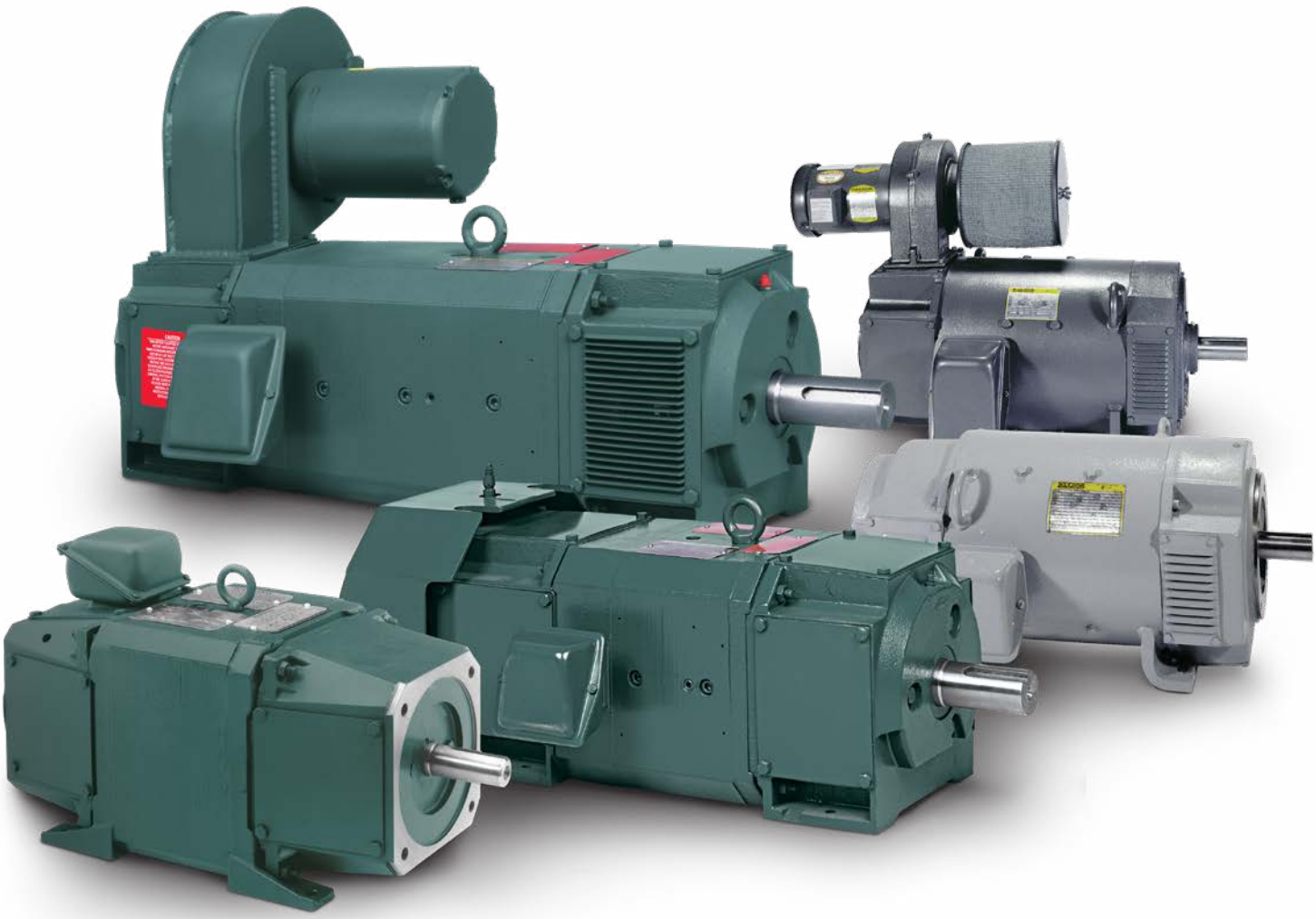
Applications
- Battery operation for portable pumps
- Fans
- Augers
- Winches
- Lifts

Low voltage permanent magnet motors



Hp	Base Speed	Frame	Encl.	VDC Arm.	Full Load Amps - Arm.	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Notes
1/4	1800	56C	TENV	12	22.5	**CDP3410-V12**	1,268	PMS	23	60
		56C	TENV	24	10.6	**CDP3410-V24**	1,202	PMS	23	60
1/3	1800	56C	TENV	12	28.6	**CDP3420-V12**	1,391	PMS	31	60
		56C	TENV	24	13.6	**CDP3420-V24**	1,327	PMS	31	60
1/2	1800	56C	TENV	12	40.0	**CDP3430-V12**	1,442	PMS	37	60
		56C	TENV	24	19.6	**CDP3430-V24**	1,375	PMS	35	60
3/4	1800	56C	TEFC	12	66.0	**CDP3440-V12**	2,070	PMS	42	
		56C	TEFC	24	29.4	**CDP3440-V24**	2,058	PMS	41	
1	1800	56C	TEFC	12	85.6	**CDP3445-V12**	2,994	PMS	43	
		56C	TEFC	24	40.9	**CDP3445-V24**	2,980	PMS	43	

Shunt wound



Shunt wound

ABB's Baldor-Reliance DC shunt wound motors offer reliable performance and efficiency with stable speed control and constant torque. Available in compact round and square-frame designs, they are ideal for machinery, conveyors and various industrial applications, ensuring consistent and durable operation.



DC Power Motor



DC Shunt Wound SCR Drive



DC Shunt Wound Explosion Proof



SCR drive, round frame motor



RPM III, DC motor



RPM III Accessories



Tach mounting kits and cooling blowers for DC integral Hp motors

Product line – DPG-FV, TEFC, TENV, XP, SPG enclosures		Fractional Shunt DC	SCR Round	RPM III
Frame sizes		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
	Extensive full load testing to ensure delivered reliability/performance	S	S	S
	Low rotating assembly inertia for high dynamic performance	S	S	S
	Explosion proof products for hazardous duty environments	S	–	S
	Motors suitable for IEEE 45 shipboard applications	S	S	S
	Wide voltage ranges – 12 volts DC to 600 volts DC	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 interchangability	–	–	S
	Washdown products for food industry applications	S	–	–
	Versatile foot mounting for retrofitting non Baldor-Reliance® products	S	S	–

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

DC Power Motor

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

- Augers
- Cranes and hoists
- Marine duty application
- Conveyors

DC Power Motor



Hp	Base Speed	Frame	Full Load Amps - Arm.	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Notes
115								
1/3	1750	56	3.2	**D1151**	2,813	WFS	23	20
1/2	1750	56	4.6	**D1152**	2,890	WFS	27	20
3/4	1750	56	6.6	**D1153**	3,402	WFS	34	20
1	1750	56	8.0	**D1154**	3,911	WFS	60	20
230								
1/3	1750	56	1.7	**D2301**	2,813	WFS	41	20
1/2	1750	56	2.1	**D2302**	2,890	WFS	29	20
3/4	1750	56	3.3	**D2303**	3,402	WFS	34	20
1	1750	56	4.0	**D2304**	3,911	WFS	62	20
1 1/2	1750	184	5.8	**D2305**	6,651	WFS	82	20

DC Shunt Wound SCR Drive
1/4 thru 3 Hp

Features
- Designed for use with NEMA Type K SCR control
- NEMA C-Face and removable base
- NEMA 182 frame and larger – normally closed thermostat on field winding
- Class F insulation
- 1.0 SF

Applications
- Machine tools
- Conveyors
- Printing and textile equipment

DC Shunt Wound SCR



Hp	Base Speed	Frame	VDC Arm.	VDC Field	Full Load Amps - Arm.	Full Load Field Amps	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Notes
1/4	1750	56C	90	100/50	3.0	.3/.6	**CD3425**	1,186	WFS	23	20
1/3	1750	56C	90	100/50	3.4	.4/.8	**CD3433**	1,296	WFS	23	20
		56C	90	100/50	3.7	.5/1	**CD5333**	1,869	WFS	31	
		56C	180	200/100	1.9	.21/.42	**CD3434**	1,296	WFS	23	20
1/2	1750	56C	90	100/50	5.2	.5/1	**CD3450**	1,474	WFS	29	20
		56C	90	100/50	5.0	.44/.88	**CD5350**	2,063	WFS	37	
		56C	180	200/100	2.6	.25/.5	**CD3451**	1,474	WFS	28	20
3/4	1750	56C	90	100/50	7.8	.6/1.2	**CD3475**	1,833	WFS	34	20
		56C	90	100/50	8.0	.6/1.2	**CD5375**	2,429	WFS	46	
		56C	180	200/100	3.9	.3/.6	**CD3476**	1,833	WFS	34	20
1	1750	56C	90	100/50	10.0	.6/1.2	**CD5319**	2,587	WFS	53	
		56C	180	200/100	5.0	.3/.6	**CD5318**	2,587	WFS	54	
		184C	90	100/50	9.6	.55/1.1	**CD6219**	3,456	WFS	64	20
		184C	180	200/100	5.0	.25/.5	**CD6218**	3,456	WFS	65	20
1 1/2	1750	184C	180	200/100	7.5	.25/.5	**CD6215**	3,870	WFS	81	20
2	1750	184C	180	200/100	9.5	.4/.8	**CD6202**	4,576	WFS	98	20
		213C	180	200/100	9.5	.4/.8	**CD7502**	8,031	WFS	108	20
3	1750	184TC	180	200/100	14.7	.6/1.2	**CD6203**	5,197	WFS	133	8, 73
		215C	180	200/100	14.7	.6/1.2	**CD7503**	8,541	WFS	137	20

DC Shunt Wound Explosion Proof

1/2 thru 2 Hp

Features

- Designed for use with NEMA Type K SCR control
- 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

DC Shunt Wound, Explosion Proof



Hp	Base Speed	Frame	VDC Arm.	VDC Field	Full Load Amps - Arm.	Full Load Field Amps	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Notes
1/2	1750	182CZ	90	100/50	4.9	.55/1.1	**CDX1850**	②	T3B	4,696	WFS	102	
3/4	1750	182CZ	90	50/100	7.0	.55/1.1	**CDX1875**	②	T3B	6,218	WFS	102	
1	1750	182C	180	200/100	5.0	.25/.5	**CDX7100**	②	T3B	6,420	WFS	102	2
		182CZ	180	200/100	5.0	.25/.5	**CDX2001**	②	T3B	7,734	WFS	102	
1 1/2	1750	184C	180	200/100	7.5	.25/.5	**CDX7150**	②	T3B	8,502	WFS	120	2
2	1750	184C	180	200/100	9.5	.4/.8	**CDX7200**	②	T3B	9,547	WFS	135	

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

RPM III, DC motor
1.5 thru 500 Hp

Features
- Laminated square frame for improved commutation
- Class F insulation system
- PLS™ bearing lubrication system for longer bearing and motor life
- Tachometer adaptable with thermostat
- Superior speed regulation
- Laminated square frame for improved commutation
- Service line brushes with convenient wear indicating reference lines
- High limit thermostat

Applications
- Roofing machines
- Paper
- Textile equipment
- Extruders and packaging
- Machine tools
- Metals
- Web Processes

RPM III, DC Shunt wound, Power code K



Hp	Base Speed	Frame	Encl.	VDC Arm.	VDC Field	Full Load Amps - Arm.	Full Load Field Amps	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Field Type	Notes
1 1/2	1750	DC0189ATY	TENV	180	200	7.2	0.72	**D1815R**	14,061	R3B	170	STR	
2	1750	DC0189ATY	TENV	180	200	9.5	0.72	**D1802R**	14,534	R3B	162	STR	
3	1750	DC0189ATCZ	DP	180	200	14.8	0.95	**CDD1803R**	16,117	R3B	160	STR	
		DC0189ATY	DP	180	100/200	14.8	0.95	**D1803R**	15,837	R3B	165	STR	
		DC1811ATCZ	TENV	180	200	14.1	1.17	**CD1803R**	15,665	R3B	217	STR	
5	1750	DC1810ATCZ	DP	180	200	24.0	1.68	**CD1805R**	17,536	R3B	175	STR	
		DC2112ATCZ	TENV	180	200	23.0	1.34	**CD2105R**	22,253	R3B	355	STR	

RPM III, DC Shunt wound, TEFC, Power code C



Hp	Base Speed	Frame	Max Speed	VDC Arm.	VDC Field	Full Load Amps - Arm.	Full Load Field Amps	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Field Type	Notes
3	1750	C1811ATCZ	2300	240	240	11.0	0.99	**CD2003R-2**	18,561	R3B	198	STAB	
5	1750	C1812ATZ	2300	240	150	18.5	1.8	**D2505R**	19,622	R3B	251	STAB	34
		SC2113ATZ	2300	500	150/300	9.0	1.06	**D5505R**	21,794	R3B	340	STAB	34
7 1/2	1750	C1812ATCZ	2300	240	240	27.0	1.4	**CD2007R-2**	18,947	R3B	235	STAB	
		SC2113ATZ	2300	240	150	27.0	3.25	**D2507R**	23,490	R3B	408	STAB	34
		SC2113ATZ	2300	500	300	13.5	1.41	**D5507R**	23,490	R3B	402	STAB	34
10	1750	MC2113ATZ	2300	240	150	35.5	3.13	**D2510R**	26,413	R3B	450	STAB	34
		MC2113ATZ	2300	500	300	17.5	1.55	**D5510R**	26,413	R3B	440	STAB	34
		SC2113ATCZ	2300	240	240	37.0	2.20	**D2010R-2**	23,383	R3B	354	STAB	
15	1750	SC2512ATZ	2300	240	150	53.5	2.18	**D2515R**	31,862	R3B	370	STAB	6, 34
		SC2512ATZ	2300	500	300	25.6	1.71	**D5515R**	31,862	R3B	540	STAB	34
20	1750	LC2512ATZ	2300	240	150	71.0	4.14	**D2520R**	33,206	R3B	640	STAB	34
		LC2512ATZ	2300	500	300	33.0	2.06	**D5520R**	33,206	R3B	640	STAB	34
25	1750	MC2812ATZ	2300	240	150	87.0	4.05	**D2525R**	38,598	R3B	819	STAB	34
		MC2812ATZ	2300	500	300	41.0	2.23	**D5525R**	38,598	R3B	815	STAB	34
30	1750	LC2812ATZ	2300	500	300	50.0	1.74	**D5530R**	40,463	R3B	924	STAB	34
40	1750	MC3212ATZ	2300	500	300	65.0	1.82	**D5540R**	47,418	R3B	1120	STAB	34
50	1750	LC3212ATZ	2300	500	300	84.0	1.98	**D5550R**	50,175	R3B	1268	STAB	34

RPM III, DC Shunt wound, DPG-FV, Power code C



Hp	Base Speed	Frame	Max Speed	VDC Arm.	VDC Field	Full Load Amps - Arm.	Full Load Field Amps	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Field Type	Notes
3	1750	DC0189ATCZ	2300	240	150	11.0	1.52	**D2003R**	16,447	R3B	172	STAB	80, 83
10	1750	SC2113ATZ	2300	500	300	18.0	1.11	**D5010RS-BV**	28,093	R3B	415	STAB	72, 75
15	1750	SC2113ATCZ	2300	240	150	56.0	4.73	**CD2015R-BV**	26,149	R3B	350	STR	76
		SC2113ATZ	2300	240	150	56.0	4.73	**D2015R-BV**	25,195	R3B	393	STR	76
		SC2113ATZ	2300	500	300	27.0	2.22	**D5015R-BV**	25,195	R3B	420	STR	76
		SC2113ATZ	2300	500	300	27.0	3.03	**D5015RS-BV**	32,040	R3B	414	STAB	72, 75
20	1750	MC2113ATZ	2300	500	300	37.0	2.24	**D5020RS-BV**	32,789	R3B	439	STAB	72, 75
		SC2113ATZ	2300	240	150	76.5	7.12	**D2020R-BV**	25,797	R3B	395	STR	76
		SC2113ATZ	2300	500	300	37.0	3.03	**D5020R-BV**	25,797	R3B	400	STR	76
25	1750	LC2113ATZ	2300	500	300	43.0	3.07	**D5025RS-BV**	34,002	R3B	474	STAB	72, 75
		MC2113ATZ	2300	240	150	96.0	8.43	**D2025R-BV**	30,396	R3B	370	STR	76
		MC2113ATZ	2300	500	300	46.0	3.32	**D5025R-BV**	30,396	R3B	436	STR	6, 61
30	1750	LC2113ATZ	2300	240	150	109.0	10	**D2030R-BV**	31,070	R3B	459	STR	76
		LC2113ATZ	2300	500	300	52.0	3.3	**D5030R-BV**	31,070	R3B	585	STR	76
		SC2512ATZ	2300	500	300	51.0	2.84	**D5030RS-BV**	36,440	R3B	589	STAB	72, 75
	1150	LC2115ATZ	1800	500	300	54.0	3.95	**D5130R-BV**	33,894	R3B	551	STR	61
40	1750	LC2115ATZ	2300	240	150	146.0	5.63	**D2040R-BV**	31,088	R3B	568	STR	6, 76
		MC2115ATZ	2100	500	300	69.0	4.49	**D5040R-BV**	33,332	R3B	520	STR	76
		MC2512ATZ	2100	500	300	68.5	2.88	**D5040RS-BV**	39,524	R3B	650	STAB	6, 72, 75
	1150	LC2512ATZ	2000	500	300	72.0	5.27	**D5140R-BV**	41,419	R3B	652	STR	61
50	1750	LC2115ATZ	2100	500	300	87.0	3.95	**D5050R-BV**	36,041	R3B	560	STR	76
		LC2512ATZ	2100	500	300	84.0	3.38	**D5050RS-BV**	41,867	R3B	2190	STAB	6, 72, 75
	1150	C2514ATZ	1900	500	300	87.0	4.06	**D5150R-BV**	42,368	R3B	753	STR	6, 61
60	1750	LC2512ATZ	2300	500	300	102.0	4.61	**D5060R-BV**	38,880	R3B	660	STR	76
		MC2812ATZ	2100	500	300	100.0	3.43	**D5060RS-BV**	44,216	R3B	860	STAB	6, 72, 75
	1150	C2515ATZ	1900	500	300	102.0	5.18	**D5160R-BV**	45,548	R3B	915	STR	6, 76
75	1750	C2515ATZ	2100	500	300	123.0	6.21	**D5075R-BV**	45,548	R3B	825	STR	76
		MC3212ATZ	2100	500	300	122.0	3.63	**D5075RS-1BV**	49,646	R3B	1143	STAB	6, 72, 75
	1150	MC3212ATZ	2000	500	300	128.0	4.15	**D5175R-1BV**	46,323	R3B	1014	STR	6, 76
100	1750	C2515ATZ	2000	500	300	167.0	6.7	**D50100R-BV**	46,323	R3B	925	STR	76
		MC3212ATZ	2000	500	300	162.0	2.44	**D50100RS-BV**	51,155	R3B	1190	STAB	6, 72, 75
	1150	C3214ATZ	1850	500	300	163.0	4.15	**D51100RB-1BV**	53,306	R3B	1561	STR	6, 61
125	1750	C2813ATZ	2000	500	300	204.0	6.93	**D50125R-BV**	46,323	R3B	990	STR	6, 76
		LC3212ATZ	2000	500	300	203.0	4.4	**D50125RS-BV**	52,709	R3B	1287	STAB	6, 72, 75
		UC2813ATZ	2000	500	300	204.0	6.93	**D50125UR-BV**	46,323	R3B	1000	STR	5, 6, 76
	1150	UC3214ATZ	2000	500	300	204.0	8.37	**D51125RR-BV**	55,553	R3B	1554	STR	5, 6, 76
150	1750	C2815ATZ	2000	500	300	250.0	10.64	**D50150RE-BV**	48,187	R3B	1230	STR	6, 10, 3
		MC3612ATZ	2000	500	300	240.0	4.81	**D50150RS-BV**	66,207	R3B	1640	STAB	6, 62
		UC2815ATZ	2000	500	300	250.0	10.64	**D50150URE-BV**	48,946	R3B	1235	STR	5, 6, 76
200	1750	LC3612ATZ	2000	500	300	321.0	5.41	**D50200RS-BV**	70,082	R3B	1900	STAB	6, 62
		UC3214ATZ	2100	500	300	322.0	8.37	**D50200RR-BV**	53,934	R3B	1575	STR	5, 6, 76

Red catalog number indicates **NEW** product

RPM III, DC Shunt wound, DPG-FV, Power code C

Hp	Base Speed	Frame	Max Speed	VDC Arm.	VDC Field	Full Load Amps - Arm.	Full Load Field Amps	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Field Type	Notes
200	1150	MC4013ATZ	2000	500	300	320.0	10.7	**D51200R-1BV**	97,301	R3B	2724	STR	6, 61
250	1750	C4011ATZ	2000	500	300	400.0	4.72	**D50250RS-BV**	100,295	R3B	2315	STAB	6, 62
		ULC3612ATZ	2000	500	300	405.0	8.87	**D50250RR-BV**	65,105	R3B	1890	STR	5, 6, 61
	1150	MC4013ATZ	2000	500	300	406.0	7.54	**D51250R-BV**	114,176	R3B	2735	STR	6, 61
300	1750	LC3613ATZ	2000	500	300	478.0	12.5	**D50300R-BV**	67,824	R3B	2170	STR	6, 61
		MC4013ATZ	2100	500	300	478.0	4.76	**D50300RS-BV**	116,711	R3B	2729	STAB	6, 62
	1150	LC4013ATZ	2000	500	300	485.0	9.27	**D51300R-BV**	118,145	R3B	3030	STR	6, 61
400	1750	LC4013ATZ	2000	500	300	635.0	5.68	**D50400RS-BV**	119,536	R3B	3083	STAB	6, 62
		MC4013ATZ	2000	500	300	640.0	8.27	**D50400R-BV**	116,711	R3B	2747	STR	6, 61
	1150	C4413ATZ	1600	500	300	644.0	13	**D51400R-BV**	148,191	R3B	3830	STR	6, 72, 61
500	1750	C4412ATZ	2050	500	300	797.0	10.8	**D50500R-BV**	148,727	R3B	3445	STR	6, 72, 61
	1150	C4414ATZ	1450	500	300	805.0	12.3	**D51500R-BV**	168,302	R3B	4546	STR	6, 72, 61

Red catalog number indicates **NEW** product

RPM III, DC Shunt wound, DPG, Power code C



Hp	Base Speed	Frame	Max Speed	VDC Arm.	VDC Field	Full Load Amps - Arm.	Full Load Field Amps	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Field Type	Notes
3	1750	C1811ATZ	2300	500	300	5.2	0.72	**D5003R**	17,842	R3B	196	STR	80
5	1750	C1811ATCZ	2300	240	240	18.1	1.11	**CD2005R-2**	18,759	R3B	209	STAB	
		C1811ATZ	2300	240	150	19.2	1.77	**D2005R**	17,521	R3B	199	STAB	80, 83
		C1811ATZ	2300	500	300	9.0	1	**D5005R**	17,842	R3B	194	STR	80
7 1/2	1750	C1811ATZ	2300	240	150	28.0	1.95	**D2007R**	17,608	R3B	203	STAB	80, 83
		C1811ATZ	2300	500	300	13.5	1.29	**D5007R**	17,974	R3B	230	STR	80
10	1750	C1812ATZ	2300	240	150	37.0	2.13	**D2010R**	19,545	R3B	251	STAB	80, 84
		C1812ATZ	2300	500	300	17.4	1.09	**D5010R**	18,245	R3B	227	STAB	80, 44
15	1750	SC2113ATZ	2300	240	150	56.0	4.12	**D2015R**	21,745	R3B	350	STAB	34
		SC2113ATZ	2300	500	300	27.0	1.76	**D5015R**	21,933	R3B	341	STAB	34
20	1750	LC2113ATZ	2300	240	150	74.0	4.23	**D2020R**	22,951	R3B	410	STAB	34
		MC2113ATZ	2300	500	150/300	35.0	1.98	**D5020R**	24,871	R3B	383	STAB	34
25	1750	LC2113ATZ	2300	240	150	91.5	5.84	**D2025R**	25,233	R3B	460	STAB	34
		LC2113ATZ	2300	500	300	43.0	2.63	**D5025R**	23,761	R3B	409	STAB	34
30	1750	SC2512ATZ	2300	240	150	111.0	3.45	**D2030R**	24,604	R3B	510	STAB	34
		SC2512ATZ	2300	500	150/300	52.0	1.71	**D5030R**	25,027	R3B	530	STAB	34
40	1750	LC2512ATZ	2300	500	150/300	68.0	2.4	**D5040R**	27,476	R3B	600	STAB	6, 34
50	1750	MC2812ATZ	2300	500	150/300	85.0	2.02	**D5050R**	31,873	R3B	800	STAB	6, 34
60	1750	LC2812ATZ	2100	500	300	100.5	2.78	**D5060R**	33,481	R3B	846	STAB	6, 34

RPM III Accessories

Features

- Encoder and Tachometer Kits include the encoder or tachometer and all mounting hardware required for installation
- Kits include all mounting hardware required for installation on RPM III DC motors. Feedback device not included
- Blower Kits Suitable for operation on 230/460V or 240/480V, 3-Phase, 50/60 Hz
- Blower Kits do not include filter

Applications

- RPM III DC motors

RPM III DC motor encoder and tachometer kits

Type	PPR	Catalog Number	NEMA Frame	Enclosures	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
H20	1024 ppr	**417708-133**	DC180, C180, DC2112	DPG, DPG-FV, TENV	6,914	SVC	9
H20	1024 ppr	**417708-134**	C210-C250	DPG, DPG-FV, TENV	6,914	SVC	5
H20	1024 ppr	**417708-135**	C280-C400	DPG, DPG-FV, TENV	6,914	SVC	4
H20	1024 ppr	**417708-151**	C440	DPG, DPG-FV, TENV	6,914	SVC	5
RD120-1	1 x 120 ppr	**417708-32**	C210-C250	DPG, DPG-FV, TENV	5,421	SVC	4
RD120-1	1 x 120 ppr	**417708-33**	C280-C400	DPG, DPG-FV, TENV	5,421	SVC	5
RD120-2	2 x 120 ppr	**417708-34**	DC180, C180, DC2112	DPG, DPG-FV	6,449	SVC	5
RD120-2	2 x 120 ppr	**417708-36**	C210-C250	DPG, DPG-FV, TENV	6,449	SVC	5
RD120-2	2 x 120 ppr	**417708-37**	C280-C400	DPG, DPG-FV, TENV	6,449	SVC	5
RL67	1024z ppr	**417708-126**	DC180, C180, DC2112	DPG, DPG-FV, TENV	8,785	SVC	6
RL67	1024z ppr	**417708-136**	C210-C250	DPG, DPG-FV, TENV	8,785	SVC	6
RL67	1024z ppr	**417708-137**	C280-C400	DPG, DPG-FV, TENV	8,785	SVC	6

Encoder and tachometer mounting kits

Catalog Number	Enclosures	Type	NEMA Frame	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
417708-41	DPG, DPG-FV, TENV	RL67	C210-C250	1,869	SVC	0
417708-42	DPG, DPG-FV, TENV	RL67	C280-C400	1,869	SVC	0
413336-2R	DPG, DPG-FV, TENV	XC42, XC46, BC42, BC46, H56, 800123-R & -S	DC180, C180, DC2112	3,237	SVC	5
417708-22	DPG, DPG-FV, TENV	XC42, XC46, BC42, BC46, H56, 800123-R & -S	C210-C250	3,237	SVC	9
417708-27	DPG, DPG-FV, TENV	XC42, XC46, BC42, BC46, H56, 800123-R & -S	C280-C400	3,237	SVC	8
413336-1R	DPG, DPG-FV, TENV	XPY, XPYII, 5PY, RPY444	DC180, C180, DC2112	3,237	SVC	6
417708-21	DPG, DPG-FV, TENV	XPY, XPYII, 5PY, RPY444	C210-C250	3,237	SVC	7
417708-26	DPG, DPG-FV, TENV	XPY, XPYII, 5PY, RPY444	C280-C400	3,237	SVC	6
417708-156	DPG, DPG-FV, TENV	XPY, XPYII, 5PY, RPY444	C440	3,237	SVC	6
417709-17	TEFC	XPY, XPYII, 5PY, RPY444	C180	7,272	SVC	6
417709-65	TEFC	XPY, XPYII, 5PY, RPY444	C210	7,272	SVC	5
417709-66	TEFC	XPY, XPYII, 5PY, RPY444	C250	7,272	SVC	9
417709-67	TEFC	XPY, XPYII, 5PY, RPY444	C280	7,272	SVC	15

Blower kits for use with RPM III DC Motors



Voltage	Phase	NEMA Frame	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
230/460	Three Phase	C180ATZ, DC180ATZ	**417077-51**	2,554	SVC	52
230/460	Three Phase	C210ATZ	**419947-29**	2,554	SVC	85
230/460	Three Phase	C250ATZ	**419947-30**	2,554	SVC	85
230/460	Three Phase	C280ATZ	**419947-32**	3,124	SVC	84
230/460	Three Phase	C320ATZ	**419947-34**	3,637	SVC	94
230/460	Three Phase	C400ATZ	**417077-75**	3,981	SVC	85
230/460	Three Phase	C440ATZ	**417077-126**	8,117	SVC	225
230/460	Three Phase	C3612ATZ	**417077-74**	2,381	SVC	80
230/460	Three Phase	C3613ATZ	**417077-127**	3,637	SVC	117

Features

Applications

RPM III Accessories

Features

- Encoder and Tachometer Kits include the encoder or tachometer and all mounting hardware required for installation
- Kits include all mounting hardware required for installation on RPM III DC motors. Feedback device not included
- Blower Kits Suitable for operation on 230/460V or 240/480V, 3-Phase, 50/60 Hz
- Blower Kits do not include filter

Applications

- RPM III DC motors

Sliding Bases for RPM III DC motors

NEMA Frame	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
C2512ATZ	**419914-1B**	1,207	SVC	33
C2515ATZ	**419914-1S**	2,094	SVC	36
DC/C1811ATZ	**42384-26BE**	1,668	SVC	30
UC2813ATZ	**419914-1T**	2,094	SVC	40
UC3212ATZ	**419914-1D**	2,751	SVC	69
UC3612ATZ	**419914-1E**	4,283	SVC	76

SCR drive, round frame motor

3 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

SCR Round, DPFG, Rigid Base



Hp	Base Speed	Frame	Max Speed	VDC Arm.	VDC Field	Full Load Amps - Arm.	Full Load Field Amps	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Field Type	Notes
5	1750	186AT	2300	500	150/300	8.5	0.669	**D5005P**	14,306	RSV	162	STR	2, 20
		L186AT	2300	240	150/300	17.7	0.74	**D2005P**	14,306	RSV	180	STR	2, 20
7 1/2	1750	218AT	2300	500	150/300	13.2	0.685	**D5007P**	16,667	RSV	239	STR	2, 20
		1810AT	2300	240	150/300	27.8	0.92	**D2007P**	16,667	RSV	218	STR	2, 20
10	1750	219AT	2300	240	150/300	36.6	2.14	**D2010P**	16,976	RSV	260	STR	2, 20
		219AT	2300	500	150/300	17.2	1.36	**D5010P**	16,976	RSV	255	STR	2, 20
15	1750	258AT	2300	240	150/300	55.0	2.6	**D2015P**	19,001	RSV	375	STR	2, 20
		258AT	2300	500	150/300	25.2	1.39	**D5015P**	19,001	RSV	379	STR	2, 20
20	1750	259AT	2300	240	300	70.5	2.48	**D2020P**	20,019	RSV	422	STR	2, 20
		259AT	2300	500	150/300	35.1	1.24	**D5020P**	20,019	RSV	430	STR	2, 20
25	1750	287AT	2300	500	150/300	43.4	1.64	**D5025P**	24,669	RSV	490	STR	2, 20
		288AT	2300	240	300	89.2	2.96	**D2025P**	24,669	RSV	565	STR	2, 20
30	1750	288AT	2300	240	150/300	106.0	2.96	**D2030P**	24,669	RSV	595	STR	2, 20
		288AT	2300	500	150/300	50.0	2	**D5030P**	24,669	RSV	590	STR	2, 20
40	1750	328AT	2100	500	150/300	67.9	2.16	**D5040P**	33,017	RSV	770	STR	2, 20
50	1750	328AT	2100	500	300	83.7	1.99	**D5050P**	33,017	RSV	822	STR	2, 20
60	1750	365-6AT	2100	500	150/300	98.6	1.74	**D5060P**	44,271	RSV	785	STAB	2, 20
75	1750	366AT	2100	500	150/300	123.0	1.48	**D5075P**	44,271	RSV	980	STAB	2, 20
100	1750	368AT	2000	500	150/300	158.0	3	**D50100P**	59,708	RSV	1082	STR	2, 20
125	1750	407AT	2000	500	150/300	200.0	3	**D50125P**	68,671	RSV	1408	STR	2, 20
150	1750	409AT	2000	500	300/150	237.0	2.34	**D50150P**	85,619	RSV	1741	STR	2, 20
200	1750	504AT	1900	500	300/150	320.0	3.9	**D50200P**	92,574	RSV	2110	STR	2, 20
250	1750	506AT	1900	500	300/150	392.0	5.01	**D50250P**	110,088	RSV	2530	STR	2, 20

SCR Round, DPBV, Rigid Base



Hp	Base Speed	Frame	Max Speed	VDC Arm.	VDC Field	Full Load Amps - Arm.	Full Load Field Amps	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Field Type	Notes
40	1750	328AT	2100	240	300	138.0	2.64	**D2040P-BV**	38,428	RSV	858	STR	2, 20
		328AT	2100	500	150/300	67.9	2.16	**D5040P-BV**	38,428	RSV	830	STR	2, 20
50	1750	328AT	2100	240	150/300	175.0	2.64	**D2050P-BV**	40,628	RSV	863	STR	2, 20
		328AT	2100	500	300	83.7	1.99	**D5050P-BV**	40,628	RSV	865	STR	2, 20
60	1750	365-6AT	2100	500	150/300	98.6	1.74	**D5060P-BV**	49,730	RSV	900	STAB	2, 20
		366AT	2100	240	150/300	201.0	5.58	**D2060P2-BV**	49,730	RSV	996	STR	2, 20
75	1750	366AT	2100	240	150/300	256.0	5.58	**D2075P2-BV**	51,930	RSV	1002	STR	2, 20
		366AT	2100	500	150/300	123.0	1.48	**D5075P-BV**	51,930	RSV	970	STAB	2, 20
100	1750	368AT	2000	500	150/300	158.0	3	**D50100P2-BV**	62,809	RSV	1150	STR	
125	1750	368AT	2000	500	150/300	199.0	3	**D50125P2-BV**	65,167	RSV	1166	STR	
150	1750	407AT	2000	500	150/300	238.0	2.69	**D50150P2-BV**	79,396	RSV	1500	STR	
200	1750	409AT	1900	500	150/300	311.0	3.75	**D50200P2-BV**	93,026	RSV	1810	STR	
250	1750	504AT	1900	500	150/300	405.0	4.85	**D50250P2-BV**	97,471	RSV	2216	STR	
300	1750	506AT	1750	500	300	478.0	6.2	**D50300P2-BV**	112,176	RSV	2595	STR	
400	1750	508AT	1900	500	150/300	624.0	6.07	**D50400P2-BV**	139,361	RSV	3220	STR	
500	1750	5010AT	1900	500	150/300	788.0	6.03	**D50500P2-BV**	171,637	RSV	3916	STR	

SCR Round, DPFG, C-face rigid base



Hp	Base Speed	Frame	Max Speed	VDC Arm.	VDC Field	Full Load Amps - Arm.	Full Load Field Amps	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Field Type	Notes
3	1750	L186ATC	2300	240	120/240	10.6	0.445	**CD2003P-2**	14,659	RSV	175	STR	2
5	1750	L186ATC	2300	240	120/240	17.7	0.484	**CD2005P-2**	14,884	RSV	172	STR	2
7 1/2	1750	1810ATC	2300	240	120/240	27.8	0.458	**CD2007P-2**	17,009	RSV	222	STR	2
10	1750	219ATC	2300	240	120/240	36.6	1.26	**CD2010P-2**	17,616	RSV	258	STR	2
15	1750	258ATC	2300	240	120/240	55.0	1.25	**CD2015P-2**	19,994	RSV	420	STR	2

SCR Round, TEFC, Rigid Base



Hp	Base Speed	Frame	Max Speed	VDC Arm.	VDC Field	Full Load Amps - Arm.	Full Load Field Amps	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Field Type	Notes
5	1750	1810AT	2300	240	300	17.6	0.764	**D2505P**	16,442	RSV	228	STR	2
		1810AT	2300	500	300	8.3	0.382	**D5505P**	16,442	RSV	221	STR	2
7 1/2	1750	2110AT	2300	240	150/300	26.6	2.1	**D2507P**	19,347	RSV	300	STR	2
		2110AT	2300	500	300	12.3	1.05	**D5507P**	19,347	RSV	310	STR	2
10	1750	259AT	2300	240	300	34.3	1.72	**D2510P**	21,810	RSV	464	STR	2
		259AT	2300	500	300	16.3	0.86	**D5510P**	21,810	RSV	460	STR	2
15	1750	288AT	2300	240	150/300	51.7	1.96	**D2515P**	28,130	RSV	601	STR	2
		288AT	2300	500	300	24.5	0.99	**D5515P**	28,130	RSV	630	STR	2
20	1750	328AT	2300	240	300	68.8	2.22	**D2520P**	37,048	RSV	826	STR	2
		328AT	2300	500	150/300	32.7	1.11	**D5520P**	37,048	RSV	840	STR	2
25	1750	328AT	2300	240	300	84.8	2.22	**D2525P**	39,248	RSV	878	STR	2
		328AT	2300	500	300	40.9	1.11	**D5525P**	39,248	RSV	841	STR	2

Lifting magnet generators



kW	Base Speed	Frame	VDC Arm.	VDC Field	Full Load Amps - Arm.	Full Load Field Amps	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Field Control Rheo-stat - Ohms	Field Control Rheo-stat - Amp Max	Notes
5	2500	1810AT	230	230	21.7	0.62	**DMG2305**	16,772	RSV	220	300.0	0.8	2
7 1/2	2500	AD219AT	230	230	32.6	1.15	**DMG2307**	17,105	RSV	270	150.0	1.6	2
10	2500	219ATC	230	230	43.5	0.878	**CDMG2310**	17,918	RSV	260	200.0	1.4	2
		219T	230	230	43.5	0.878	**DMG2310**	17,569	RSV	251	200.0	1.4	2
15	1750	259AT	230	230	65.0	1.33	**DMG2315**	25,303	RSV	437	200.0	1.8	2
		259ATC	230	230	65.0	1.33	**CDMG2315**	26,225	RSV	459	200.0	1.8	2
20	1750	288AT	230	230	87.0	1.8	**DMG2320**	28,014	RSV	576	125.0	2.5	2
		288ATC	230	230	87.0	1.8	**CDMG2320**	29,276	RSV	600	125.0	2.5	2
25	1750	328AT	230	230	109.0	2.13	**DMG2325**	30,289	RSV	802	100.0	3.0	2
		328ATC	230	230	109.0	2.13	**CDMG2325**	31,854	RSV	886	100.0	3.0	2
33	1750	328AT	230	230	144.0	2.13	**DMG2333**	38,409	RSV	810	100.0	3.0	2
		328ATC	230	230	144.0	2.13	**CDMG2333**	39,962	RSV	600	100.0	3.0	2
40	1750	329AT	230	230	174.0	3.7	**DMG2340**	42,103	RSV	910	50.0	5.2	2

Tach mounting kits and cooling blowers for DC integral Hp motors

Features

Applications

- DC intergral Hp motors

Tach mounting kits for DC intergal Hp motors with catalog number ending in "P"



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" accessory face on most large DC motors.

Catalog Number	Enclosures	Type	NEMA Frame	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
14009-1	DPFG, DPBV	XPY, XPYII, DPY, BTG1000	180/360	2,502	SVC	2
TKP500XP	DPFG, DPBV	XPY, XPYII, DPY, BTG1000	500	4,539	SVC	3
TKP2136XPT	TEFC	XPY, XPYII, DPY, BTG1000	210/360	4,369	SVC	13

Blower and mounting kits for DC integral Hp motors with catalog number ending in "P"

Voltage	Phase	NEMA Frame	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
115	Single Phase	180	**FVB3180**	2,554	SVC	18
230/460	Three Phase	210	**FVB3210**	2,554	SVC	25
230/460	Three Phase	250	**FVB3250**	2,554	SVC	19
230/460	Three Phase	280	**FVB4280**	3,629	SVC	44
230/460	Three Phase	320	**FVB6320**	3,637	SVC	46
230/460	Three Phase	360-400	**FVB6400**	3,978	SVC	59
230/460	Three Phase	504-506	**FVB8500**	4,710	SVC	93
230/460	Three Phase	508-5012	**FVB95010**	7,259	SVC	171

Filter and hardware for DC integral Hp motors with catalog number ending in "P"

Filter and hardware for FVB blowers

NEMA Frame	Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
180, 210, 250	**FLT3210-250**	Blower size LM 3	1,354	SVC	2
280	**FLT4280**	Blower size LM 4	1,354	SVC	9
320, 360, 400	**FLT6320-400**	Blower size LM 6	1,354	SVC	14
504-506	**FLT8500**	Blower size LM 8	1,653	SVC	9

Grinders



Grinders

Baldor Reliance's industrial quality, single and three phase, bench and pedestal grinders are available having wheel diameters of from 6 to 14 inches. This well-known line of grinders also includes diamond wheel and carbide tool grinders and abrasive belt grinders. Some designs of the abrasive belt grinders are supplied with a three position tilt able belt.



Industrial Grinders



Industrial Tool Grinders



Tool Grinder Wheels and Accessories



Industrial Belt Sanders

Industrial Grinders

7" to 14" Wheel

Features

- Cast iron exhaust type wheel guards.
- 8-foot power cord.
- Base mounted on/off switch.
- Rubber feet to minimize vibration.
- Wheels sold separately on 12" and 14" models

Applications

- Bench or pedestal mounting

Industrial Grinders, 7" wheel



Hp	RPM	Wheel Size	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Style	Agency Approv-al	Voltage	Notes
		7"x1"x5/8"	**712**	1,124	GBX	45	Grinder	CSA	115	a, c, f
		7"x1"x5/8"	**712E**	1,314	GBX	68	Grinder	CSA	115	a, c
		7"x1"x5/8"	**762**	1,124	GBX	43	Grinder/Buffer	CSA	115	b, c, f
		7"x1"x5/8"	**762E**	1,314	GBX	68	Grinder/Buffer	CSA	115	b, c
1/2	3600	7"x1"x5/8"	**7307**	1,424	GBX	70	Grinder	CSA	115/230	a, d, g
		7"x1"x5/8"	**7307D**	1,791	GBX	84	Grinder	UR	115/230	a, d, e, g
		7"x1"x5/8"	**7351**	1,424	GBX	67	Grinder/Buffer	CSA	115/230	b, d, g
		7"x1"x5/8"	**7309**	1,424	GBX	72	Grinder	CSA	208-230/460	a, d, h
		7"x1"x5/8"	**7309D**	1,791	GBX	87	Grinder	CSA	208-230/460	a, d, e, h
1/2 1/3	1800	7"x1"x5/8"	**7312D**	2,166	GBX	90	Grinder	UR	115	a, d, e
		7"x1"x5/8"	**7306**	1,424	GBX	70	Grinder	UR	115/230	a, d, g
1/2	1800	7"x1"x5/8"	**7306D**	1,791	GBX	84	Grinder	UR	115/230	a, d, e, g
		7"x1"x5/8"	**7308**	1,424	GBX	71	Grinder	CSA	208-230/460	a, d, h

Industrial Grinders, 8" wheel



Hp	RPM	Wheel Size	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Style	Agency Approv-al	Voltage	Notes
3/4	3600	8"x1"x3/4"	**8107W**	2,156	GBX	99	Grinder	UR	115	a, g
		8"x1"x3/4"	**8107WD**	2,459	GBX	111	Grinder	UR	115/230	a, e, g
		8"x1"x3/4"	**8250W**	2,156	GBX	97	Grinder/Buffer	UR	115/230	b, g
		8"x1"x3/4"	**8123W**	2,087	GBX	99	Grinder	CSA	208-230/460	a, h
		8"x1"x3/4"	**8123WD**	2,420	GBX	112	Grinder	CSA	208-230/460	a, e, h
		8"x1"x3/4"	**8252W**	2,087	GBX	95	Grinder/Buffer	UR	208-230/460	b, h
		8"x1"x3/4"	**8125W**	2,087	GBX	99	Grinder	UR	575	a, i
	1800	8"x1"x3/4"	**8100W**	2,156	GBX	99	Grinder	UR	115/230	a, g
		8"x1"x3/4"	**8100WD**	2,459	GBX	110	Grinder	UR	115/230	a, e, g
		8"x1"x3/4"	**8102W**	2,087	GBX	98	Grinder	CSA	208-230/460	a, h
		8"x1"x3/4"	**8102WD**	2,420	GBX	111	Grinder	CSA	208-230/460	a, e, h

Industrial Grinders, 10" wheel



Hp	RPM	Wheel Size	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Style	Agency Approval	Voltage	Notes
1	1800	10"x1"x7/8"	**1022W**	2,748	GBX	133	Grinder	UR	115/230	a, j
		10"x1"x7/8"	**1022WD**	3,147	GBX	145	Grinder	UR	115/230	a, e, j
1.5	1800	10"x1"x7/8"	**1021W**	2,710	GBX	134	Grinder	CSA	208-230/460	a, h
		10"x1"x7/8"	**1021WD**	3,103	GBX	146	Grinder	CSA	208-230/460	a, e, h
		10"x1"x7/8"	**105W**	2,710	GBX	133	Grinder	CSA	575	a, i

Industrial Grinders, 12" wheel



Hp	RPM	Wheel Size	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Style	Agency Approval	Voltage	Notes
2	1800	12"x2"x1-1/4"	**1217W**	6,543	GBX	253	Grinder	UR	115/230	j
		12"x2"x1-1/4"	**1215W**	6,180	GBX	253	Grinder	CSA, UR	208-230/460	k
3	1800	12"x2"x1-1/4"	**1216W**	6,397	GBX	248	Grinder	CSA, UR	208-230/460	k
		12"x2"x1-1/4"	**129W**	6,397	GBX	256	Grinder	CSA, UR	575	i

Industrial Grinders, 14" wheel



Hp	RPM	Wheel Size	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Style	Agency Approval	Voltage	Notes
5	1800	14"x3"x1-1/4"	**1406W**	7,926	GBX	359	Grinder	CSA	230	m
		14"x3"x1-1/4"	**1410W**	7,926	GBX	362	Grinder	CSA, UR	460	
		14"x3"x1-1/4"	**1408W**	7,926	GBX	358	Grinder	CSA	575	
7.5	1800	14"x3"x1-1/4"	**1407W**	8,646	GBX	372	Grinder	CSA, UR	230	m
		14"x3"x1-1/4"	**1411W**	8,646	GBX	381	Grinder	CSA, UR	208-230/460	m
		14"x3"x1-1/4"	**1409W**	8,646	GBX	374	Grinder	CSA	575	

Big Red Grinders



Hp	RPM	Wheel Size	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Style	Agency Approval	Voltage	Notes
1/2	3600	7"x1"x5/8"	**712R**	1,124	GBX	45	Grinder	CSA	115	a, c, f
		7"x1"x5/8"	**712RE**	1,346	GBX	68	Grinder	CSA	115	a, c
		7"x1"x5/8"	**762R**	1,124	GBX	43	Grinder/Buffer	CSA	115	b, c, f
		7"x1"x5/8"	**762RE**	1,346	GBX	66	Grinder/Buffer	CSA	115	b, c
3/4	3600	8"x1"x3/4"	**862RE**	2,038	GBX	95	Grinder/Buffer	CSA	115	a, c, g
		8"x1"x3/4"	**812RE**	2,038	GBX	96	Grinder	CSA	115/230	a, c, g

Industrial Tool Grinders

1/2 Hp

Features

- 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
- Precision built, they have locked double row bearings and a maximum runout of .002 for precise tool and die work (Diamond Wheel models).
- Wheels sold separately
- Note: Rough service bulb is suggested

Applications

- For tool and die work

Industrial Tool Grinders, Diamond wheel



Hp	RPM	Wheel Size	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Style	Agency Approval	Voltage	Notes
1/2	3600	6"x1"x1-1/4"	**522**	3,294	GBX	108	Tool Grinder	UR	115	g
		6"x1"x1-1/4"	**532**	3,294	GBX	109	Tool Grinder	UR	208-230/460	h

Industrial Tool Grinders, Carbide wheel



Hp	RPM	Wheel Size	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Style	Agency Approval	Voltage	Notes
1/2	3600	6"x1"x1-1/4"	**500**	2,928	GBX	109	Tool Grinder	UR	115	g
		6"x1"x1-1/4"	**510**	2,928	GBX	109	Tool Grinder	UR	208-230/460	h

Tool Grinder Wheels and Accessories

Features
- Exercise caution – wear safety glasses and a mask
- When installing new wheels, check wheels for possible damage
- 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.

Applications
- Tool Grinder

Tool Grinder Wheels



Catalog Number	Face	Grit	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
D501	0.75	120	General Purpose Diamond Wheel	1,702	SVC	1
D502	0.75	120	Fine Finish Diamond Wheel	1,702	SVC	1
S46	1.00	46	Aluminum Oxide	294	SVC	2
S61	1.00	60	Aluminum Oxide	294	SVC	3
C121	1.00	120	Silicone Carbide	371	SVC	2
C61	3.00	60	Silicone Carbide	371	SVC	2

Tool Grinder Accessories



Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
GA7	Diamond NIB for GA8 (7/16 diameter x 1" long)	244	SVC	0
GA8	Wheel Dresser with Diamond NIB	986	SVC	1

Industrial Belt Sanders

1 1/2 HP

Features
- Fixed and tiltable belts options
- Grinder/sanders and an adjustable speed option
- All units come with a base mounted on/off switch
- All belt sanders are equipped with 2x48" 80 grit belt.

Applications
- Industrial belt sanders

Industrial Belt Sanders



Hp	RPM	Tiltable Belt	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Style	Agency Approval	Voltage	Notes
1 1/2	0-3600	Three positions	**248-151AS**	4,968	GBX	105	Adjustable Speed	-	115	g, l
	3600	Fixed	**2048-151D**	3,539	GBX	88	Belt Sander	UL	115/230	g
		Three positions	**248-151TD**	3,916	GBX	95	Belt Sander	UL	115/230	g
		Three positions	**248-181TD**	4,516	GBX	138	Grinder/Belt Sander	-	115/230	j, l
		Fixed	**2048-153D**	3,373	GBX	76	Belt Sander	UL	208-230/460	h
		Three positions	**248-153TD**	3,696	GBX	84	Belt Sander	CSA, UL	208-230/460	h
		Three positions	**248-183TD**	4,431	GBX	128	Grinder/Belt Sander	CSA, UL	208-230/460	h, l

Buffers



Buffers

Baldor-Reliance industrial buffers range in size of 1/4 horsepower to a husky 7 1/2 horsepower. These buffers are designed for use with soft cloth wheels.



Industrial Buffers

Industrial Buffers

Features
- Buffers are designed for use with soft cloth wheels only
- Price includes flanges and nuts but does not include wheels
- Specific buffing applications may require the addition of operator safety devices
- Consult with a safety engineer before installation

Applications
- Industrical Buffer

Industrial Buffers



Hp	RPM	Max Wheel Size	Shaft Diameter	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Style	Agency Approval	Voltage	Notes
3/4	3600	8"	0.75	**333B**	1,538	GBX	56	Buffer	UR	115/230	g
		8"	0.75	**330B**	1,503	GBX	56	Buffer	CSA	208-230/460	h
	1800	8"	0.75	**332B**	1,538	GBX	55	Buffer	UR	115/230	g
		8"	0.75	**334B**	1,503	GBX	54	Buffer	CSA	208-230/460	h
1	1800	10"	0.87	**407B**	2,041	GBX	60	Buffer	UR	115/230	j
1.5	3600	10"	0.87	**410B**	2,008	GBX	61	Buffer	UR	115/230	j
		10"	0.87	**412B**	1,960	GBX	62	Buffer	CSA	208-230/460	h
	1800	10"	0.87	**409B**	1,960	GBX	59	Buffer	CSA	208-230/460	h
2	3600	12"	1.25	**1251**	4,592	GBX	160	Buffer	UR	115/230	k
	1800	12"	1.25	**1250**	4,726	GBX	164	Buffer	UR	115/230	k
3	3600	12"	1.25	**1253**	4,216	GBX	156	Buffer	CSA, UR	208-230/460	k
	1800	12"	1.25	**1252**	4,340	GBX	156	Buffer	CSA, UR	208-230/460	k
5	1800	14"	1.25	**1458**	5,395	GBX	218	Buffer	CSA	230	m
	1200	14"	1.25	**1457**	6,337	GBX	228	Buffer	CSA	230	m
7.5	3600	14"	1.25	**1453**	5,702	GBX	223	Buffer	CSA	230	m
	1800	14"	1.25	**1454**	6,024	GBX	229	Buffer	CSA	230	m

Lathes


BALDOR
WARNING
SAFETY INFORMATION
SAFETY INFORMATION
SAFETY INFORMATION

Lathes

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.



Polishing lathes



Chucks

Polishing lathes
1/4 Hp thru 3/4 Hp

Features
- Precision, trouble-free polishing
- Supplied with 8-foot cord with plug
- Rubber feet and heavy construction to minimize vibration
- Provisions for mounting to a laboratory bench

Applications
- Dental
- Jewelry

Polishing Lathes



Hp	RPM	Shaft Dia./ Taper	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Voltage	Style	Notes
1/4	3600/1800	0.375 / 0.25	**340**	916	GBX	31	115	Duel speed	
		0.375 / 0.25	**353T**	1,004	GBX	35	115	Duel speed	
	3000/1500	0.375 / 0.25	**342**	916	GBX	31	220-240	Duel speed	
1/3	3600/1800	0.375 / 0.25	**380T**	1,117	GBX	42	115	Duel speed	
		0.375 / 0.25	**380WCT**	2,570	GBX	47	115	Duel speed	
1/2	3600	0.375 / 0.25	**359T**	1,006	GBX	36	115	Single speed	
		0.625 / straight	**LPL50**	977	GBX	43	115	Single speed	
3/4	3600	0.625 / straight	**LPL75**	1,193	GBX	48	115/230	Single speed	

Chucks

Features

- 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.
- Warranty covers all parts except those subject to normal wear. “Wells Quick Chuck” warranted one year by manufacturer.

Applications

- Baldor-Reliance® Polishing Lathes

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.
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.

Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
L3	Hard Wheel, Left Hand, Brass	157	SVC	1
L4	Soft Wheel, Left Hand, Brass	182	SVC	1
L7	Burr Chuck, Left Hand, Stainless	353	SVC	1
R1	Hard Wheel, Right Hand, Brass	164	SVC	1
R2	Soft Wheel, Right Hand, Brass	325	SVC	0
R5A	Burr Chuck, Right Hand	270	SVC	0
R6	Arbor Band, Right Hand, Brass	91	SVC	1

Grinders, Buffers Accessories



Grinders, Buffers Accessories



Dust Control Units for ABB Baldor-Reliance® Grinders



Wheels for Grinders



Sewed Cotton Buffing Wheels



Wire Brush Wheels



Grinder Belt



Pedestal



Water Pots



Tool Trays



Eyeshields



Lighted Eyeshields

Dust Control Units for ABB Baldor-Reliance® Grinders

Features
- 115V, single phase, 60 Hz
- Exercise caution – wear safety glasses and a mask
- 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.
- DC14-3 powered with 1Hp TEFC 208-230/460 volt, three phase motor, less cord, switch, and lug.
- 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.

Applications
- Baldor-Reliance® Grinders

Dust Control Units



Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
DC7	Grinding wheel max size 7x1, 220 cubic Ft/Min per wheel required by OSHA	5,466	SVC	60
DC8	Grinding wheel max size 8x1, 220 cubic Ft/Min per wheel required by OSHA	5,466	SVC	62
DC10	Grinding wheel max size 10x1, 390 cubic Ft/Min per wheel required by OSHA	5,466	SVC	60
DC12	Grinding wheel max size 12x2, 390 cubic Ft/Min per wheel required by OSHA	5,687	SVC	62
DC12-3	Grinding wheel max size 12x2, 390 cubic Ft/Min per wheel required by OSHA	5,687	SVC	57
DC14-3	Grinding wheel max size 14x3, 590 cubic Ft/Min per wheel required by OSHA	5,687	SVC	73

Dust Collector Bags



Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
DA1	Dust Collector Bag (1 per carton) for D60 and D61 Dust Collectors	137	SVC	0

Replacement Filter Bags

Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
ARB-1	dust control unit DC7, 8, 10, 12, 12-3	260	SVC	0
ARB-2	dust control unit DC14-3	395	SVC	2

Wheels for Grinders

Features
- Extremely durable aluminum oxide abrasive grain.
- Excellent for steels and alloy steels.
- Ideal for numerous general purpose applications.

Applications
- Baldor-Reliance® Grinders

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 (USD)	Disc. Sym.	Aprx. Wt. (lb)	Diameter	Face	Bore	Grit	Aprx. Wt. (lb)
B73	120	SVC	4	7.00	1.00	0.62	36	4
B74	120	SVC	3	7.00	1.00	0.62	60	3
B80	122	SVC	5	8.00	1.00	0.75	36	5
B81	122	SVC	4	8.00	1.00	0.75	60	4
B102	180	SVC	6	10.00	1.00	0.87	36	6
B103	180	SVC	6	10.00	1.00	0.87	60	6
B125	408	SVC	19	12.00	2.00	1.25	30	19
B126	411	SVC	22	12.00	2.00	1.25	46	22
B147	893	SVC	42	14.00	3.00	1.25	30	42
B148	893	SVC	41	14.00	3.00	1.25	46	41

Sewed Cotton Buffing Wheels

Features
- Wheels are muslin cloth, spiral sewn.
- 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.
- These bore sizes will fit shafts 1/8” greater diameter than bore.

Applications
- Baldor-Reliance® buffers

Sewed Cotton Buffing Wheels



Features: Wheels are muslin cloth, spiral sewn. These bore sizes will fit shafts 1/8” greater diameter than bore.
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.

Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Diameter	Face	Bore	Aprx. Wt. (lb)
A65	53	SVC	1	6.00	0.25	0.75	1
A82	65	SVC	0	8.00	0.25	0.87	0
A103	98	SVC	0	10.00	0.25	0.50	0

Wire Brush Wheels

Features
- Wheels are crimped, carbon steel wire.
- 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

Applications
- Baldor-Reliance® Grinders

Wire Brush Wheels



Features: Wheels are crimped, carbon steel wire.
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

Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)	Diameter	Face	Bore	Aprx. Wt. (lb)
W70	130	SVC	1	7.00	0.62	0.62	1
W82	139	SVC	1	8.00	0.75	0.75	1

Grinder Belt

Features
- AB248 Abrasive Belt – 2" x 48" – 80 Grit

Applications
- Baldor-Reliance® Belt Sanders

Grinder Belt



Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
AB248	Abrasive Belt 2" x 48" – 80 Grit	85	SVC	0

Pedestal

Features
- Cast Iron or Fabricated steel models available
- 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.
- GA16E for 6" and 7" grinders “all steel construction”.
- GA14 Pedestal – fabricated steel, for 7", 8" and 10" grinders, 1/4 Hp through 1-1/2 Hp buffers.
- GA20 Pedestal for 8", 10", 12" and 14" grinders and 3/4 through 7-1/2 Hp buffers.
- GA20RE for 8” & 10” grinders “all steel construction”.
- GA14R and GA16R can be used on all Big Red Grinders

Applications
- Baldor-Reliance® Grinders and buffers

Pedestal



Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
GA14	Fabricated steel with storage, for 7-10" Grinders and 1/4 Hp thru 1-1/2 Hp buffers, height is 32-7/8”	677	SVC	64
GA14R	Fabricated steel with storage, for all Big Red Grinders, height is 32-7/8”	871	SVC	64
GA16	Cast iron, for 6-8" Grinders and 1/4 Hp thru 1-1/2 Hp buffers and belt grinders, height is 32-7/8”	838	SVC	62
GA16E	All steel construction for 6-7” Grinders, height is 34”	546	SVC	36
GA16R	Cast iron, for all Big Red Grinders, height is 32-7/8”	918	SVC	62
GA16RE	All steel construction for 7” Big Red Grinders, height is 34”	546	SVC	36
GA20	Cast iron, for 8-12" Grinders and 3/4 Hp thru 7-1/2 Hp buffers, height is 30”	1,375	SVC	121
GA20E	All steel construction for 8-10” Grinders, height is 34”	632	SVC	54
GA20RE	All steel construction for 8” Big Red Grinders, height is 34”	632	SVC	54

Water Pots

Features
- 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.
- GA3 Water Pot for GA20 pedestal.

Applications
- Baldor-Reliance® Grinders

Water Pots



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
GA3 Water Pot for GA20 pedestal.

Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
GA3	Capacity 3 pints	1,162	SVC	6
GA24	Supplied with mounting bracket and swivel arm, Capacity 1-1/2 pints	102	SVC	1

Tool Trays

Features
- GA25 Tool Tray for 623E, 632E, 673E, 612E, 662E, 7" (except #712, #712R, #762, & #762R), 8" and 10" grinders.
- GA4 Tool Tray for GA20 pedestal.

Applications
- Baldor-Reliance® Grinders and buffers

Tool Trays

Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
GA4	Dimensions 12" x 6"	321	SVC	11
GA25	Diameter 8", Area 48 square inches, with mounting bracket and swivel arm.	101	SVC	5

Eyeshields

Features
- Shatter resistant Plexiglas®

Applications
- Baldor-Reliance® Grinders and buffers

Eyesheilds



Shatter resistant Plexiglas®
Fits grinders, comes in pairs.

Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
GA10	Eyeshield (pair) – 5" x 4" Fits 6" Grinders and #712, #712R, #762 and #762R.	161	SVC	1
GA11	Eyeshield (pair) – 6" x 4" Fits grinders 7" through 14"	170	SVC	2

Lighted Eyeshields

Features
- Shatter resistant Plexiglas®
- 5-1/2" x 3 3/4" viewing area
- Supplied with 8 foot, 3 conductor cord with plug
- Accommodates standard 115 volt 60 watt bulb (not included)
- Supplied without on/off switch unless noted

Applications
- Baldor-Reliance® Grinders and buffers

Lighted Eyeshields



Viewing area made of shatter resistant Plexiglas®. Mounts to grinder (except tool and belt grinder). U.L. listed/CSA certified.
Supplied with 8ft, 3 conductor cord with plug. Accommodates standard 115 volt 60 watt bulb (not supplied).

Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
GA9	Lighted Eyeshield (pair)	353	SVC	5
GA9-1	Same as GA9 except packed 1 unit per carton	195	SVC	3
GA9R	Lighted eyeshield (pair), for Big Red Grinder	353	SVC	5
GA9S	Lighted Eyeshield with on/off switch (pair)	392	SVC	6
GA9SR	Lighted eyeshield with on/off switch (pair), for Big Red Grinder	392	SVC	5

AC Parts and Accessories



AC Parts and Accessories



C-Face kits for field conversion



D-Flange kits



Brake Kits



Conduit box kits



Dome slinger



Drain fitting kit



Drip Covers for Field conversion



Cast Iron fan covers for field conversion



Cast Iron fan covers and conduit boxes for field conversion

C-Face kits for field conversion

Features
- 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

Applications
- Complete kits with all hardware necessary for converting Baldor-Reliance® 56 though 449T frame rigid base motors to "C-Face" mounting with base.

C-Face kits for Enclosed - General Purpose



Catalog Number	NEMA Frame	Enclo-sures	Bearing	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
34-3900T	48C (34)	TEFC	6203	102	SVC	1
34-171	56C (34)	TEFC	6203	102	SVC	2
34-3300FD	56C (34) w/Lip Seal	TEFC	6203	119	SVC	2
35-1300	56C,143-5TC (35)	TEFC	6205	205	SVC	6
35-1300GLD	56C,143-5TC (35)	TEFC	6205	205	SVC	6
35-8762	56C,143-5TC (35)	TEFC	6205	205	SVC	3
35-8762GLD	56C,143-5TC (35)	TEFC	6205	205	SVC	3
35-3300FD	56C, 143-5TC (35) w/lip seal	TEFC	6205	237	SVC	3
34-3903T	143-5TC (34)	TEFC	6205	130	SVC	1
34-3903T-GLD	143-5TC (34)	TEFC	6205	130	SVC	2
36-1037	182-4C (36)	TEFC	6206	235	SVC	7
36-1037GLD	182-4C (36)	TEFC	6206	235	SVC	7
36-3303FD	182-4C (36) w/lip seal	TEFC	6206	271	SVC	8
36-3303FDA	182-4C (36) w/lip seal & eyebolt prevision	TEFC	6206	271	SVC	8
35-1325	182-4TC (35)	TEFC	6206	264	SVC	11
35-1325GLD	182-4TC (35)	TEFC	6206	264	SVC	11
35-3304	182-4TC (35)	TEFC	6206	205	SVC	5
36-1749	182-4TC (36)	TEFC	6206	297	SVC	12
36-1749GLD	182-4TC (36)	TEFC	6206	297	SVC	12
36-3301	182-4TC (36)	TEFC	6206	213	SVC	4
36-3301GLD	182-4TC (36)	TEFC	6206	213	SVC	4
36-3301FD	182-4TC (36) w/lip seal	TEFC	6206	340	SVC	7
36-3301FDA	182-4TC (36) w/lip seal & eyebolt prevision	TEFC	6206	340	SVC	6
37-1304	213-5C, TC (37)	TEFC	6307	329	SVC	12
37-1304GLD	213-5C, TC (37)	TEFC	6307	329	SVC	12
37-3301FD	213-5C, TC (37) w/lip seal	TEFC	6307	378	SVC	12
09-1309	254-6UC, TC (09)	TEFC	6309	674	SVC	21
09-1309GLD	254-6UC, TC (09)	TEFC	6309	674	SVC	22
37-1302	254-6UC, TC (37)	TEFC	6309	500	SVC	18
37-1302GLD	254-6UC, TC (37)	TEFC	6309	500	SVC	18

C-Face kits for Enclosed - General Purpose

Catalog Number	NEMA Frame	Enclo-sures	Bearing	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
09-1310GLD	284-6UC, TC (09)	TEFC	6311	1,021	SVC	22
10-1305GLD	284-6UC, TC (10)	TEFC	6311	783	SVC	32
09-1310	284-6UC, TC (09)	TEFC	6311	1,021	SVC	28
10-1304	324-6UC, TC (10)	TEFC	6312	827	SVC	36
10-1304GLD	324-6UC, TC (10)	TEFC	6312	827	SVC	38
12-1105GLD	324-6UC, TC (12)	TEFC	6312	964	SVC	48
44-1402	404-5UC, TC (44)	TEFC	6316 4 & 6 pole	1,860	SVC	40
44-1402GLD	404-5UC, TC (44)	TEFC	6316 4 & 6 pole	1,860	SVC	40
44-1403	404-5UC, TSC (44)	TEFC	6313 2 pole	1,860	SVC	40
44-1403GLD	404-5UC, TSC (44)	TEFC	6313 2 pole	1,860	SVC	40

C-Face kits for Severe Duty XEX



Catalog Number	NEMA Frame	Enclo-sures	Bearing	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
10-1305ECP	284-6UC, TC (10)	TEFC	6311	783	SVC	32
12-1105ECP	324-6UC, TC (12)	TEFC	6312	964	SVC	48
K36G2	364-5UC, TC	TEFC	6313	1,251	SVC	72
K40G70	404-5UC, TC G series design	TEFC	6313	1,860	SVC	120
K40G71	404-5UC, TC G series design	TEFC	6316	2,853	SVC	116
K44G70	444-9UC, TC G series design	TEFC	6313	2,853	SVC	21
K44G71	444-9UC, TC G series design	TEFC	6318, 4 & 6 pole	3,024	SVC	196

C-Face kits for Crusher duty

Catalog Number	NEMA Frame	Enclosures	Bearing	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
09-9154CR	254-6TC, Crusher duty	TEFC	6311	749	SVC	22
12-9404CR	324-6TC, Crusher duty	TEFC	6313	1,126	SVC	48

C-Face kits for 841XL



Catalog Number	NEMA Frame	Enclo-sures	Bearing	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
10-1305ECP8	284-6TC, IEEE-841 (10)	TEFC	6311	1,532	SVC	32
12-1105ECP8	324-6TC, IEEE-841 (12)	TEFC	6312	1,925	SVC	48
K36G801	364-5TC IEEE-841	TEFC	6313	2,224	SVC	65
K40G801	404-5TC G series design: IEEE-841	TEFC	6313	4,194	SVC	117
K40G802	404-5TC G series design: IEEE-841	TEFC	6316	2,950	SVC	135
K44G801	444-9UC, TC G series design: IEEE-841	TEFC	6313	4,978	SVC	140
K44G802	444-9UC, TC G series design: IEEE-841	TEFC	6318, 4 & 6 pole	4,194	SVC	155

C-Face kits for Open



Catalog Number	NEMA Frame	Enclosures	Bearing	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
35-8764	56C,143-5TC (35)	ODP	6205	205	SVC	3
35-8764GLD	56C,143-5TC (35)	ODP	6205	205	SVC	3
34-3903A	143-5TC (34)	ODP	6205	125	SVC	2
34-3903A-GLD	143-5TC (34)	ODP	6205	125	SVC	2
36-486	182-4C (36)	ODP	6206	332	SVC	8
36-486GLD	182-4C (36)	ODP	6206	332	SVC	7
35-1409	182-4TC (35)	ODP	6206	294	SVC	11
35-1409GLD	182-4TC (35)	ODP	6206	294	SVC	11
36-3403	182-4TC (36)	ODP	6206	198	SVC	4
36-3403GLD	182-4TC (36)	ODP	6206	198	SVC	5
37-1404	213-5C, TC (37)	ODP	6307	435	SVC	12
37-1404GLD	213-5C, TC (37)	ODP	6307	435	SVC	13
36-1206A	213-5TC (36)	OPSB	6207	302	SVC	13
36-1206A-GLD	213-5TC (36)	OPSB	6207	302	SVC	13
36-1206B	213-5TC (36)	ODP	6207	318	SVC	14
36-1206B-GLD	213-5TC (36)	ODP	6207	318	SVC	14
37-1402	254-6UC, TC (37)	ODP	6309	469	SVC	18
37-1402GLD	254-6UC, TC (37)	ODP	6309	469	SVC	17
39-3400	254-6UC, TC (39)	ODP	6309	438	SVC	9
39-1403	284-6UC, TC (39)	ODP	6311	720	SVC	21
39-1403GLD	284-6UC, TC (39)	ODP	6311	720	SVC	21
40-1400	284-6UC, TC (40)	ODP	6311	762	SVC	28
40-1400GLD	284-6UC, TC (40)	ODP	6311	762	SVC	30
40-1401	324-6 UC, TC (40)	ODP	6312	803	SVC	40
40-1401GLD	324-6 UC, TC (40)	ODP	6312	803	SVC	40
42-1300	324-6UC, TC (42)	ODP	6312	1,285	SVC	36
42-1300GLD	324-6UC, TC (42)	ODP	6312	1,285	SVC	36
42-1400	364-5UC, TC (42)	ODP	6313	1,250	SVC	44
42-1400GLD	364-5UC, TC (42)	ODP	6313	1,250	SVC	30
44-1403A	404-5USC, TSC (44)	ODP	6316	1,446	SVC	40
44-1403A-GLD	404-5USC, TSC (44)	ODP	6316	1,446	SVC	40

D-Flange kits

Features

- 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.

Applications

- Complete kit with hardware necessary for converting either foot mount or C-Face to D-Flange mounting

D-Flange kits



Catalog Number	NEMA Frame	Enclosures	Bearing	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
35EP1506A01SP	143-145T (BA Dim of 2.25")	TEFC	6205	421	SVC	12
36EP1304A62SP	182-184T (BA Dim of 2.75")	TEFC	6206	471	SVC	16
10EP1502A01SP	284-286 U,T	TEFC	6311	996	SVC	40
12EP1501A03SP	324-326 U,T	TEFC	6312	1,718	SVC	61

Brake Kits

Features
- Double C-Face coupler brakes.
- Provides NEMA C-Face mounting on brake
- Spring set, electrically released

Applications
- Mounts on motors with C-Face

Double C-face motor brake kits



Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
3	56C	**CBK003-1**	1,940	SVC	12
6	56C	**CBK006-1**	2,047	SVC	12
6	145TC	**CBK006-2**	2,047	SVC	12
10	145TC	**CBK010-1**	2,258	SVC	11
15	145TC	**CBK015-1**	2,956	SVC	12

D-Series motor brakes

3 to 50 Ft-Lbs Static Torqe

Features
- Single non-asbestos friction disc
- Released when power applied to coil

Applications
- Motor Brake

D-Series Motor Brake, DBSS Model

Double C-Face Coupler



Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
12 VDC					
3	56C	**031093**	840	CB20	13
3	140TC	**031099**	840	CB20	13
6	56C	**031105**	1,768	CB20	13
10	56C	**031117**	964	CB20	13
15	56C	**031129**	1,070	CB20	13
20	56C	**031141**	1,340	CB20	13
25	56C	**031153**	1,564	CB20	13
25	140TC	**031159**	1,564	CB20	13
24 VDC					
3	56C	**031092**	1,680	CB20	13
3	140TC	**031098**	840	CB20	13
6	56C	**031104**	1,768	CB20	13
6	140TC	**031110**	1,244	CB20	13
10	56C	**031116**	1,928	CB20	13
10	140TC	**031122**	964	CB20	13
15	56C	**031128**	1,070	CB20	13
15	140TC	**031134**	1,070	CB20	13
20	56C	**031140**	1,340	CB20	13
20	140TC	**031146**	1,340	CB20	13
25	56C	**031152**	1,564	CB20	13
25	140TC	**031158**	1,564	CB20	13
48 VDC					
3	56C	**031091**	840	CB20	13
3	140TC	**031097**	840	CB20	13
6	56C	**031103**	1,768	CB17	13
6	140TC	**031109**	884	CB20	13
10	56C	**031115**	964	CB20	13
10	140TC	**031121**	1,928	CB20	13
15	56C	**031127**	1,616	CB20	13
20	56C	**031139**	1,340	CB20	13
20	140TC	**031145**	1,340	CB20	13
25	56C	**031151**	1,564	CB20	13

D-Series Motor Brake, DBSS Model

Double C-Face Coupler

Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
48 VDC					
25	140TC	**031157**	1,564	CB20	13
104/208 VAC, 60Hz					
3	56C	**031088**	578	CB20	13
3	140TC	**031094**	578	CB20	13
6	56C	**031100**	1,244	CB20	13
10	56C	**031112**	702	CB20	13
10	140TC	**031118**	702	CB20	13
15	56C	**031124**	808	CB20	13
15	140TC	**031130**	808	CB20	13
20	56C	**031136**	1,078	CB20	13
20	140TC	**031142**	1,078	CB20	13
25	56C	**031148**	1,302	CB20	13
25	140TC	**031154**	1,302	CB20	13
115/208-230 VAC, 60Hz					
3	56C	**031369**	1,156	CB20	13
3	140TC	**031375**	1,156	CB20	13
6	56C	**031411**	1,244	CB20	13
6	140TC	**031417**	1,244	CB20	13
10	56C	**031453**	1,404	CB20	13
10	140TC	**031459**	1,404	CB20	13
15	56C	**031342**	1,616	CB20	13
15	140TC	**031495**	1,616	CB20	13
20	56C	**031345**	2,156	CB20	13
20	140TC	**031525**	1,078	CB20	13
25	56C	**031348**	1,302	CB20	13
25	140TC	**031555**	2,604	CB20	13
190/380 VAC, 50Hz					
3	56C	**031089**	578	CB20	13
3	140TC	**031095**	578	CB20	13
6	56C	**031101**	1,244	CB20	13
6	140TC	**031107**	1,244	CB20	13
10	56C	**031113**	702	CB20	13
10	140TC	**031119**	702	CB20	13
15	56C	**031125**	808	CB20	13
15	140TC	**031131**	808	CB20	13
20	56C	**031137**	1,078	CB20	13
20	140TC	**031143**	1,078	CB20	13
25	56C	**031149**	1,302	CB20	13
25	140TC	**031155**	1,302	CB20	13
208-230/460 VAC, 60Hz					
3	56C	**031371**	1,156	CB20	13
3	140TC	**031377**	1,156	CB20	13
6	56C	**031413**	1,244	CB20	13
6	140TC	**031419**	1,244	CB20	13
10	56C	**031455**	1,404	CB20	13
10	140TC	**031461**	1,404	CB20	13
15	56C	**031343**	1,616	CB20	13

D-Series Motor Brake, DBSS Model

Double C-Face Coupler

Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
208-230/460 VAC, 60Hz					
15	140TC	**031497**	1,616	CB20	13
20	56C	**031346**	2,156	CB20	13
20	140TC	**031527**	2,156	CB20	13
25	56C	**031349**	2,604	CB20	13
25	140TC	**031557**	2,604	CB20	13
250/500 VAC, 50Hz					
3	56C	**031090**	578	CB20	13
3	140TC	**031096**	578	CB20	13
6	56C	**031102**	1,342	CB20	13
6	140TC	**031108**	622	CB20	13
10	56C	**031114**	702	CB20	13
10	140TC	**031120**	702	CB20	13
15	56C	**031126**	808	CB20	13
15	140TC	**031132**	808	CB20	13
20	56C	**031138**	1,078	CB20	13
20	140TC	**031144**	1,078	CB20	13
25	56C	**031150**	1,302	CB20	13
25	140TC	**031156**	1,302	CB20	13
287/575 VAC, 60Hz					
3	56C	**031373**	1,156	CB20	13
3	140TC	**031379**	578	CB20	13
6	56C	**031415**	1,244	CB20	13
6	140TC	**031421**	622	CB20	13
10	56C	**031457**	702	CB20	13
10	140TC	**031463**	702	CB20	13
15	56C	**031344**	808	CB20	13
15	140TC	**031499**	1,616	CB20	13
20	56C	**031347**	1,521	CB20	13
20	140TC	**031529**	1,078	CB20	13
25	56C	**031350**	1,302	CB20	13
25	140TC	**031559**	1,302	CB20	13

D-Series Motor Brake, DBSC Model

Single C-face (Fan end mounting)



Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
12 VDC					
3	56C	**031005**	756	CB20	11
3	140TC	**031014**	756	CB20	11
6	56C	**031020**	818	CB20	11
6	140TC	**031029**	818	CB20	11
6	180TC	**027031**	956	CB20	20
10	56C	**031035**	908	CB20	11
10	140TC	**031161**	908	CB20	11
10	180TC	**027040**	1,046	CB20	20
15	56C	**031048**	1,022	CB20	11
15	140TC	**031057**	1,022	CB20	11
15	180TC	**027049**	1,160	CB20	20
20	56C	**031063**	1,134	CB20	11
20	140TC	**031072**	1,134	CB20	11
25	56C	**031078**	1,352	CB20	11
25	140TC	**031087**	1,352	CB20	11
25	180TC	**027058**	1,272	CB20	20
35	180TC	**027076**	1,630	CB20	20
50	180TC	**027085**	1,890	CB20	20
24 VDC					
3	56C	**031004**	756	CB20	11
3	140TC	**031013**	756	CB20	11
6	140TC	**031028**	818	CB20	11
6	180TC	**027030**	1,912	CB20	20
10	56C	**031034**	908	CB20	11
10	140TC	**031160**	908	CB20	11
10	180TC	**027039**	1,046	CB20	20
15	56C	**031047**	1,022	CB20	11
15	140TC	**031056**	1,022	CB20	11
15	180TC	**027048**	1,160	CB20	20
20	56C	**031062**	1,134	CB20	11
20	140TC	**031071**	1,134	CB20	11
20	180TC	**027057**	1,272	CB20	20
25	56C	**031077**	1,352	CB20	11
25	140TC	**031086**	1,352	CB20	11
35	180TC	**027075**	1,630	CB20	20
50	180TC	**027084**	1,890	CB20	20
48 VDC					
3	56C	**031003**	756	CB20	11
3	140TC	**031012**	756	CB20	11
6	56C	**031018**	818	CB20	11
6	140TC	**031027**	818	CB20	11
6	180TC	**027029**	956	CB20	20

D-Series Motor Brake, DBSC Model

Single C-face (Fan end mounting)

Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
48 VDC					
10	56C	**031033**	908	CB20	11
10	140TC	**031042**	908	CB20	11
10	180TC	**027038**	1,046	CB20	20
15	56C	**031046**	1,022	CB20	11
15	140TC	**031055**	1,022	CB20	11
15	180TC	**027047**	1,160	CB20	20
20	140TC	**031070**	1,134	CB20	11
20	180TC	**027056**	1,272	CB20	20
25	56C	**031076**	1,352	CB20	11
25	140TC	**031085**	1,352	CB20	11
35	180TC	**027074**	1,630	CB20	20
50	180TC	**027083**	1,890	CB20	20
100/200 VAC, 60Hz					
6	140TC	**031021**	556	CB20	11
10	56C	**031030**	646	CB20	11
104/208 VAC, 60Hz					
3	56C	**031000**	494	CB20	11
3	140TC	**031006**	494	CB20	11
6	56C	**031015**	556	CB20	11
6	180TC	**027026**	694	CB20	20
10	140TC	**031036**	646	CB20	11
10	180TC	**027035**	784	CB20	20
15	56C	**031043**	760	CB20	11
15	56C	**031058**	872	CB20	11
15	140TC	**031049**	760	CB20	11
15	180TC	**027044**	898	CB20	20
20	140TC	**031064**	872	CB20	11
20	180TC	**027053**	1,010	CB20	20
25	56C	**031073**	988	CB20	11
25	140TC	**031079**	1,976	CB20	11
35	180TC	**027071**	1,266	CB20	20
50	180TC	**027080**	1,526	CB20	20
115/208-230 VAC, 60Hz					
3	56C	**031351**	988	CB20	11
3	140TC	**031007**	494	CB20	11
6	56C	**031393**	1,112	CB20	11
6	140TC	**031022**	556	CB20	11
6	180TC	**027023**	694	CB20	20
10	56C	**031435**	1,292	CB20	11
10	140TC	**031037**	646	CB20	11
10	180TC	**027032**	1,568	CB20	20
15	56C	**031477**	1,520	CB20	11
15	140TC	**031050**	1,520	CB20	11
15	180TC	**027041**	898	CB20	20
20	56C	**031507**	872	CB20	11
20	180TC	**027050**	1,010	CB20	20
25	56C	**031537**	988	CB20	11

D-Series Motor Brake, DBSC Model

Single C-face (Fan end mounting)

Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
115/208-230 VAC, 60Hz					
25	140TC	**031080**	988	CB20	11
35	180TC	**027068**	2,532	CB20	20
50	180TC	**027077**	1,526	CB20	20
190/380 VAC, 50Hz					
3	56C	**031001**	494	CB20	11
3	140TC	**031008**	494	CB20	11
6	56C	**031016**	556	CB20	11
6	180TC	**027027**	694	CB20	20
10	56C	**031031**	646	CB20	11
10	140TC	**031038**	1,292	CB20	11
10	180TC	**027036**	784	CB20	20
15	56C	**031044**	1,022	CB20	11
15	140TC	**031051**	760	CB20	11
15	180TC	**027045**	898	CB20	20
20	56C	**031059**	872	CB20	11
20	140TC	**031066**	872	CB20	11
20	180TC	**027054**	1,010	CB20	20
25	56C	**031074**	988	CB20	11
25	140TC	**031081**	1,976	CB20	11
35	180TC	**027072**	1,266	CB20	20
50	180TC	**027081**	1,526	CB20	20
208-230/460 VAC, 60Hz					
3	56C	**031353**	988	CB20	11
3	140TC	**031009**	494	CB20	11
6	56C	**031395**	1,112	CB20	11
6	140TC	**031024**	1,112	CB20	11
6	180TC	**027024**	694	CB20	20
10	56C	**031437**	1,292	CB20	11
10	140TC	**031039**	1,292	CB20	11
10	180TC	**027033**	784	CB20	20
15	56C	**031479**	1,520	CB20	11
15	140TC	**031052**	1,520	CB20	11
15	180TC	**027042**	1,796	CB20	20
20	56C	**031509**	872	CB20	11
20	140TC	**031067**	872	CB20	11
20	180TC	**027051**	1,010	CB20	20
25	140TC	**031082**	1,976	CB20	11
35	180TC	**027069**	2,532	CB20	20
50	180TC	**027078**	3,052	CB20	20
250/500 VAC, 50Hz					
3	56C	**031002**	494	CB20	11
3	140TC	**031010**	494	CB20	11
6	56C	**031017**	556	CB20	11
6	140TC	**031025**	556	CB20	11
6	180TC	**027028**	694	CB20	20
10	56C	**031032**	646	CB20	11
10	140TC	**031040**	646	CB20	11

D-Series Motor Brake, DBSC Model

Single C-face (Fan end mounting)

Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
250/500 VAC, 50Hz					
10	180TC	**027037**	784	CB20	20
15	56C	**031045**	760	CB20	11
15	140TC	**031053**	760	CB20	11
15	180TC	**027046**	898	CB20	20
20	56C	**031060**	872	CB20	11
20	140TC	**031068**	872	CB20	11
20	180TC	**027055**	1,010	CB20	20
25	56C	**031075**	988	CB20	11
25	140TC	**031083**	988	CB20	11
35	180TC	**027073**	1,266	CB20	20
50	180TC	**027082**	1,526	CB20	20
287/575 VAC, 60Hz					
3	56C	**031355**	988	CB20	11
3	140TC	**031011**	494	CB20	11
6	56C	**031397**	1,112	CB20	11
6	180TC	**027025**	694	CB20	20
10	56C	**031439**	1,292	CB20	11
10	140TC	**031041**	1,292	CB20	11
10	180TC	**027034**	784	CB20	20
15	56C	**031481**	760	CB20	11
15	140TC	**031054**	1,520	CB20	11
15	180TC	**027043**	898	CB20	20
20	56C	**031511**	872	CB20	11
20	140TC	**031069**	872	CB20	11
20	180TC	**027052**	1,010	CB20	20
25	56C	**031541**	988	CB20	11
25	140TC	**031084**	988	CB20	11
35	180TC	**027070**	1,266	CB20	20
50	180TC	**027079**	1,526	CB20	20

D-Series Motor Brake, DBEC Model



Single C-face (Fan end mounting)
White Washdown

Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
115/208-230 VAC, 60Hz					
3	56C	**031910**	880	CB20	14
3	140TC	**029436**	880	CB20	14
6	140TC	**029439**	1,058	CB20	14
10	56C	**031915**	1,168	CB20	14
10	140TC	**029442**	1,168	CB20	14
15	56C	**031918**	1,282	CB20	14
15	140TC	**029445**	1,282	CB20	14
20	56C	**031921**	1,422	CB20	14
20	140TC	**029448**	1,422	CB20	14
25	56C	**031924**	1,562	CB20	14
25	140TC	**029451**	1,562	CB20	14
208-230/460 VAC, 60Hz					
3	56C	**031716**	880	CB20	14
3	140TC	**029437**	880	CB20	14
6	56C	**031718**	2,116	CB20	14
6	140TC	**029440**	1,058	CB20	14
10	56C	**031916**	2,336	CB20	14
10	140TC	**029443**	1,168	CB20	14
15	56C	**031919**	1,282	CB20	14
15	140TC	**029446**	1,321	CB20	14
20	56C	**031922**	1,422	CB20	14
20	140TC	**029449**	1,422	CB20	14
25	56C	**031925**	1,562	CB20	14
25	140TC	**029452**	1,562	CB20	14
287/575 VAC, 60Hz					
3	56C	**031911**	880	CB20	14
3	140TC	**029438**	880	CB20	14
6	56C	**031914**	2,116	CB20	14
6	140TC	**029441**	1,058	CB20	14
10	56C	**031917**	1,168	CB20	14
15	56C	**031920**	1,282	CB20	14
15	140TC	**029447**	1,282	CB20	14
20	56C	**031923**	1,422	CB20	14
20	140TC	**029450**	1,422	CB20	14
25	56C	**031926**	1,562	CB20	14

D-Series Motor Brake, DBES Model



Double C-Face Coupler
E-Z KLEEN (Food Duty/ NEMA 4X)

Brake Rating	Brake Mounting	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
115/208-230 VAC, 60Hz					
3	56C	**030381**	900	CB20	14
10	56C	**030387**	1,188	CB20	14
10	140TC	**029406**	2,376	CB20	14
15	56C	**030390**	1,302	CB20	14
20	56C	**030393**	1,442	CB20	14
20	140TC	**029412**	2,884	CB20	14
25	56C	**030396**	1,700	CB20	14
25	140TC	**029415**	1,700	CB20	14
208-230/460 VAC, 60Hz					
3	56C	**030382**	2,063	CB20	14
3	140TC	**029401**	900	CB20	14
6	56C	**030385**	2,156	CB20	14
6	140TC	**029404**	2,156	CB20	14
10	56C	**030388**	1,188	CB20	14
10	140TC	**029407**	1,188	CB20	14
15	56C	**030391**	1,302	CB20	14
20	56C	**030394**	1,442	CB20	14
20	140TC	**029413**	1,442	CB20	14
25	56C	**030397**	1,700	CB20	14
25	140TC	**029416**	1,700	CB20	14
287/575 VAC, 60Hz					
3	56C	**030383**	900	CB20	14
3	140TC	**029402**	900	CB20	14
6	56C	**030386**	1,078	CB20	14
6	140TC	**029405**	1,078	CB20	14
10	56C	**030389**	1,188	CB20	14
15	56C	**030392**	1,302	CB20	14
15	140TC	**029411**	1,302	CB20	14
20	56C	**030395**	1,442	CB20	14
20	140TC	**029414**	1,442	CB20	14
25	56C	**030398**	1,700	CB20	14
25	140TC	**029417**	1,700	CB20	14

Conduit box kits

Features
- Kit includes: conduit box base, cover, gaskets, and hardware

Applications
- Standard replacement conduit box kit
- Oversize replacement conduit box kit

Conduit box kits - standard size



NEMA Frame	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
42	**33CB5000A01SP**	70	SVC	1
48	**34CB5001A01SP**	67	SVC	0
48	**34CB5001A01SP-GLD**	67	SVC	0
56 - 143-5T	**35CB5001A01SP**	72	SVC	0
56 - 143-5T	**35CB5001A01SP-GLD**	72	SVC	0
56-143-5T	**35CB5016WWSP**	61	SVC	0
182T-4T	**36CB5001A01SP**	78	SVC	0
182T-4T	**36CB5001A01SP-GLD**	78	SVC	0
182T-4T	**36CB5001A06SP**	85	SVC	1
182T-4T	**36CB5001A06SP-GLD**	85	SVC	1
182T-4T	**36CB5001A07SP**	120	SVC	1
182T-4T	**36CB5016WWSP**	98	SVC	2
184T,215T,254-6	**09CB5001A01SP**	141	SVC	2
184T,215T,254-6	**09CB5001A01SP-GLD**	141	SVC	1
184T,215T,254-6	**09CB5001A15SP**	119	SVC	2
184T,215T,254-6	**09CB5001A15SP-GLD**	119	SVC	2
213T-5T	**37CB5002A06SP**	85	SVC	2
213T-5T	**37CB5002A06SP-GLD**	85	SVC	2
213T-5T	**37CB5002A07SP**	85	SVC	3
213T-5T	**37CB5002A07SP-GLD**	85	SVC	3
213T-5T	**37CB5016WWSP**	113	SVC	4
254-6T,284-6,324-6	**10CB5001A01SP**	205	SVC	3
254-6T,284-6,324-6	**10CB5001A01SP-GLD**	205	SVC	4
254-6T,284-6,324-6	**10CB5002A01SP**	226	SVC	3
254-6T,284-6,324-6	**10CB5002A01SP-GLD**	226	SVC	4
254T-56T	**39CB5016WWSP**	226	SVC	5
360T - Cast Iron	**K36G8**	625	SVC	37
400T - Cast Iron	**K40G8**	625	SVC	32
440T - Cast Iron	**K44G8**	643	SVC	55

Red catalog number indicates **NEW** product

Conduit box kits - oversize

NEMA Frame	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
360T - Cast Iron	**K36G9**	643	SVC	25
400T - Cast Iron	**K40G9**	643	SVC	30
440T - Cast Iron	**K44G9**	763	SVC	134

Auxiliary conduit box kits

NEMA Frame	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
440	**K44G5**	1,289	SVC	125

Dome slinger

Features
- Designed to have minimal to no effect on the usable shaft length and can be used with other shaft seal

Applications
- Dome slinger can be added to any vertical shaft up motor having a standard NEMA shaft
- Used to help reduce the possibility of water and other contaminates entering the bearing compartment

Dome slinger



NEMA Frame	Motor shaft diameter	Diameter	Thickness	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
56	0.62	2.87	0.31	**HW4600G48SP**	22	SVC	0
140T/180	0.87	2.87	0.31	**HW4600G49SP**	22	SVC	0
180T/210	1.12	4.25	0.31	**HW4600G50SP**	26	SVC	0
210T/250U	1.37	4.25	0.34	**HW4600G51SP**	26	SVC	0
250T/280U/280TS	1.62	5.44	0.34	**HW4600G53SP**	32	SVC	0
280T/320U/320TS/360TS	1.87	7.12	0.34	**HW4600G54SP**	129	SVC	0
320T/360U/400TS	2.12	7.12	0.34	**HW4600G55SP**	129	SVC	0
360T/400U/440TS	2.37	7.87	0.34	**HW4600G56SP**	89	SVC	1
400T/440U	2.87	9.50	0.38	**HW4600G66SP**	391	SVC	1
440T	3.37	10.50	0.38	**HW4600G67SP**	303	SVC	1

Drain fitting kit

Features
- For increase General Purpose IP44 enclosures to IP54 protection level by installing drain plugs (comes with 2 qty)

Applications
- General Purpose IP44 enclosures

Drain fitting kit



Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
HA5027A03	17	SVC	0

Drip Covers for Field conversion

Features
- Complete kits with all hardware
- Primed and painted Super E gold inside and out
- Designed to protect open steel band motors from rain, snow and ice when mounted outdoors in a vertical position

Applications
- TEFC Motors

Drip Covers for Field conversion, TEFC Motors



NEMA Frame	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
48-56, Type 34, GP & XP	FCD34TEFC	189	SVC	2
56-145T, Type 35, GP & XP	FCD35TEFC	257	SVC	2
182T-184T, Type 36, GP	FCD36TEFC	277	SVC	2
213T-256T, Type 37, GP	FCD37TEFC	283	SVC	4

Red catalog number indicates **NEW** product

Drip Covers for Field conversion, ODP Motors



NEMA Frame	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
48-56, Type 34	**FCD34**	161	SVC	0
56-145T, Type 35 (metal)	**FCD35M**	161	SVC	6
56-145T, Type 35 (plastic)	**FCD35**	43	SVC	1
182T-184T, Type 36	**FCD36**	196	SVC	2
213T-256T, Type 37	**FCD37**	237	SVC	3
254T-256T, Type 39	**FCD39**	318	SVC	3
284-286, Type 40	**FCD40**	471	SVC	4
324-326, Type 42	**FCD42**	471	SVC	4

Cast Iron fan covers for field conversion

Features
- Complete kits consists of cast iron fan covers and all necessary mounting hardware.
- Replace the standard steel fan cover when used

Applications
- For cast iron construction.

Cast Iron fan covers for field conversion



Not available on 280 frame due to replacement of bearing, endplate and mounting configuration

Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
FFC05	05/143-5T	256	SVC	6
FFC09	09/254-6U & T	378	SVC	25
FFC18	404-5T E Line	565	SVC	90
FFC19	444-9T E Line	676	SVC	120
K18G8	06/182-4T E Line	274	SVC	21
K18G9	07/213-5T E Line	274	SVC	24
K18G10	09/254-6T E Line	340	SVC	27
K18G11	10/324-6T E Line	340	SVC	30
K18G12	12/364-5T E Line	360	SVC	33

Cast iron frame

Cast Iron fan covers and conduit boxes for field conversion

Features
- Complete kits consists of cast iron fan covers and cast iron conduit boxes when necessary.
- Include all necessary mounting hardware
- Replace the standard steel fan cover and aluminum conduit box when used.
- Notes: Not for use on explosion proof motors.

Applications
- For cast iron construction.

Cast Iron fan covers and conduit boxes for field conversion



Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
FFC07WB	07/213-5T	404	SVC	19
FFC09WB	09/254-6U & T	555	SVC	28
K36G50	360T	2,336	SVC	123

Cast iron frame

DC Parts and Accessories



DC Parts and Accessories



Tachometer generators DC, AC and digital outputs



Field conversion tach mounting kits for DC Motors



NEMA 1 enclosed DC controls and accessories



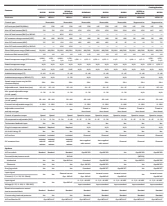
Chassis mount DC controls

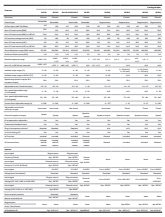


Plug-in horsepower resistor and fuse kit



NEMA 4X DC control and accessories







C-Face kits for field conversion (DC)

Tachometer generators DC, AC and digital outputs

IP55

Features
- Ball bearing construction
- UL/CSA approved
- Standard mounting C-Face and foot mouted

Applications
- Speed feedback for controls.

XPY flange mount (DC)



Generator type	Voltage	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
XPY flange mount (DC)					
XPYIV	50VDC	**CMTG50XPYIV**	4,912	R3B	5
XPYIV	100VDC	**CMTG100XPYIV**	4,912	R3B	7

XPY foot mount (DC)



Generator type	Voltage	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
XPY foot mount (DC)					
XPYIV	50VDC	**FMTG50XPYIV**	4,912	R3B	6
XPYIV	100VDC	**FMTG100XPYIV**	4,912	R3B	6

Encoder based digital PY flange mount

Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
PTG1024LD	Encoder based digital PY flange mount, 1024PPR	2,660	R3B	1

Electrically isolated encoder

Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
ENC00NV	Electrically isolated encoder, HS25, 1024PPR	3,308	SVC	2

Field conversion tach mounting kits for DC Motors

Features
- 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

Applications
- For PY Flange mounted BTG1000, XPY, XPYII and DPY tachometers

Field conversion tach mounting kits for DC Motors



Baldor-Reliance® motor type	Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
3300P	**TK3300**	346	SVC	0
3400D/P	**TK3400**	612	SVC	4
3500D/P	**TK3500**	645	SVC	9
3600P	**TK3600PM**	852	SVC	5

NEMA 1 enclosed DC controls and accessories

Features

- SCR controls have a free-wheeling diode and feature adjustableaccel, 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.

Applications

- General purpose industrial use with permanent magnet or shunt wound DC motors

NEMA 1 enclosed DC controls for PMDC and shunt wound motors



Catalog Number	115VAC Input / 90VDC Armature	230VAC Input / 180VDC Armature	Additional Details	Max Input AC Amps	Max Output DC Amps	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
BC138	1/100 - 1/3	-	single voltage	5.0	3.5	359	PMS	1
BC139	-	1/50 - 3/4	single voltage	5.0	3.5	359	PMS	1
BC140	1/100 - 3/4	1/50 - 1.5	optional heatsink, dual voltage	12.0	6.0	608	PMS	3
BC140-FBR	1/100 - 3/4	1/50 - 1.5	With BC144 Forward/Brake/Reverse switch	12.0	6.0	840	PMS	3

DC control accessories

Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
BC143	External Heatsink Kit (BC140, BC140-FBR, BC141, BC142, BC204)	119	PMS	2
BC144	Forward-Brake-Reverse Switch Kit for BC140	204	PMS	0
BC145	Signal Isolator Board	347	PMS	0
BC147	Barrier Terminal Board (BC141 and BC142)	49	PMS	0
BC148	Replacement Potentiometer Kit (5K ohm)	21	PMS	0
BC149	Knob and Dial Kit	25	PMS	0
BC152	Barrier Terminal Board With Signal Isolator (BC141 and BC142)	318	PMS	0
BC218	DIN-rail mounting kit for BC141, BC142 or BC204	81	PMS	0

Chassis mount DC controls

1/50 thru 5 Hp, 230 VAC, single phase, 50/60 Hz

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 bride 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.

Applications

- General purpose industrial use with permanent magnet or shunt wound DC motors.

Chassis mount – SCR controls



Catalog Number	115VAC Input / 90VDC Armature	230VAC Input / 180VDC Armature	Additional Details	Max Input AC Amps	Max Output DC Amps	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
BC141	1/100 - 0.75	-	optional heatsink, single voltage	12.0	8.0	333	PMS	1
BC142	-	1/100 - 1.5	optional heatsink, single voltage	12.0	8.0	333	PMS	0
BC142-5	1/100 - 0.75	1/100 - 1.5	optional heatsink, dual voltage, w/o fuse	12.0	8.0	371	PMS	0
BC142-6	1/100 - 0.75	1/100 - 1.5	optional heatsink, dual voltage	12.0	8.0	369	PMS	0
BC142-6SIH	1/100 - 0.75	1/100 - 1.5	With BC152 signal isolator board and heatsink	12.0	8.0	499	PMS	3
BC142-SIH	-	1/100 - 1.5	With BC152 Signal Isolator and heatsink	12.0	8.0	822	PMS	3
BC155	-	5	With heatsink, single voltage	38.0	26.0	1,087	PMS	5

Chassis mount – line regenerative SCR controls



Catalog Number	115VAC Input / 90VDC Armature	230VAC Input / 180VDC Armature	Additional Details	Max Input AC Amps	Max Output DC Amps	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
BC200	1/8 - 1.0	1/4 - 2.0	optional heatsink, dual voltage	16.0	11.0	1,159	PMS	6
BC201	1/8 - 1.5	1/4 - 3.0	optional heatsink, dual voltage	16.0	16.0	1,377	PMS	6
BC203	-	5.0	With heatsink, single voltage	38.0	25.0	1,732	PMS	10
BC204	1/6 - 0.75	1/3 - 1.0	optional heatsink, dual voltage	12.0	8.0	621	PMS	3

Line regenerative DC control accessories

Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
BC212	Bipolar signal isolator board for BC200, BC201, BC203	356	PMS	0
BC215	Bipolar signal isolator board for BC204	165	PMS	3
BC216	Multispeed board for BC204	127	PMS	0
BC245	Bipolar signal isolator for BC254	351	PMS	1
BC253	Forward-Stop-Brake-Reverse Switch for BC254	44	PMS	0
BC258	Auto-manual Switch for BC254	99	PMS	0
BC259	AC Line Switch for BC254	69	PMS	5

Plug-in horsepower resistor and fuse kit

Features
- The price of the Hp resistor and fuse is included in the BC138, BC139, BC140, BC140-FBR, BC141 and BC142 list price.
- Ordered as a separate item and shipped at no charge with a drive.

Applications
- Horsepower resistors should be selected based on the motor's rated current

Plug-in horsepower resistor and fuse kit



115VAC Input / 90VDC Armature	230VAC Input / 180VDC Armature	Plug-In Hp Resistor Resistance Value (Ohms)	Catalog Number	List Price (USD)	Disc. Sym.	Ap'x. DC Current (Amps)	DC Fuse Rating for Armature
1.5	3	0.006	**BR0006**	18	PMS	15.0	25.0
1	2	0.01	**BR0010SP**	18	PMS	10.0	15.0
3/4	1 1/2	0.015	**BR0015SP**	18	PMS	7.5	12.0
1/2	1	0.025	**BR0025**	18	PMS	5.0	8.0
1/3	3/4	0.035	**BR0035**	18	PMS	3.3	5.0
1/4	1/2	0.05	**BR0050**	18	PMS	2.5	4.0
1/8	1/4	0.1	**BR0100**	18	PMS	1.3	2.0
1/6	1/3	0.1	**BR0101**	18	PMS	2.0	2.5
1/12	1/6	0.18	**BR0180**	18	PMS	0.8	1.2
1/20	1/10	0.25	**BR0250**	18	PMS	0.5	0.7
1/15	1/8	0.25	**BR0251**	18	PMS	0.8	1.0
1/30	1/15	0.35	**BR0350**	40	PMS	0.3	0.5
1/50	1/25	0.51	**BR0510**	18	PMS	0.3	0.5
1/100	1/50	1.0	**BR1000**	19	SVC	0.2	0.5

NEMA 4X DC control and accessories

3 Hp, 230 VAC, single phase, 50/60 Hz

Features

- NEMA 4X / IP65 sealed enclosure with built-in heatsink for wet/dirty environments.
- Change motor direction by switching armature leads or by adding Forward/Brake/Reverse switch kit, if available.
- BC154, BCWD140 and BC160 are unidirectional controls.
- 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.

Applications

- Constant torque, new or replacement.

NEMA 4X / IP65 Washdown duty SCR controls



Catalog Number	115VAC Input / 90VDC Armature	230VAC Input / 180VDC Armature	Additional Details	Max Input AC Amps	Max Out-put DC Amps	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
BC154	1/50 - 1	1/25 - 2	dual voltage	15.0	10.2	769	PMS	5
BC154-R	1/50 - 1	1/25 - 2	With BC156 – Fwd/Brake/Rev Switch	15.0	10.2	1,014	PMS	3
BC154-SI	1/50 - 1	1/25 - 2	With BC145 and BC158	15.0	10.2	1,237	PMS	3
BC160	1.5	3	dual voltage	22.0	15.0	884	PMS	3

NEMA 4X / IP65 White Washdown duty SCR control



Catalog Number	115VAC Input / 90VDC Armature	230VAC Input / 180VDC Armature	Additional Details	Max Input AC Amps	Max Out-put DC Amps	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
BCWD140	1/50 - 1	1/25 - 2	dual voltage, white epoxy coating	11.5	7.5	1,029	PMS	6

NEMA 4X / IP65 Washdown duty line regenerative SCR control



Catalog Number	115VAC Input / 90VDC Arma-ture	230VAC Input / 180VDC Arma-ture	Additional Details	Max In-put AC Amps	Max Output DC Amps	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
BC254	1/10 - 1	1/5 - 2	dual voltage	15.0	11.0	1,108	PMS	5
BC254-FBR	1/10 - 1	1/5 - 2	BC254 with Power On/Off switch and BC253	15.0	11.0	1,163	PMS	3

NEMA 4X / IP65 Washdown duty PWM control



Catalog Number	115VAC Input / 90VDC Armature	230VAC Input / 180VDC Armature	Additional Details	Max Input AC Amps	Max Output DC Amps	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
BC354	1/50 - 0.75	1/25 - 1.5	dual voltage, with SCR or PWM rated motor	15.0	7.5	1,191	PMS	5

DC SCR NEMA 4X DC control accessories



Catalog Number	Additional Details	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
BC153	Electronic Forward-Dynamic Brake-Reverse Kit for BC154, BC354	367	PMS	0
BC156	Mechanical Forward-Dynamic Brake-Reverse Switch for BC154, BC354	239	PMS	0
BC157	Run/Jog switch for BC154 & BC160, BC354	44	PMS	0
BC158	Auto/Manual Installation Kit for BC145 signal isolator for BC154, BC160, BC354	99	PMS	0
BC159	AC Line Switch Kit for BC154, BCWD140, BC354	53	PMS	0

C-Face kits for field conversion (DC)

Features
- For non-laminated frame DC motors with catalog numbers ending in “P”

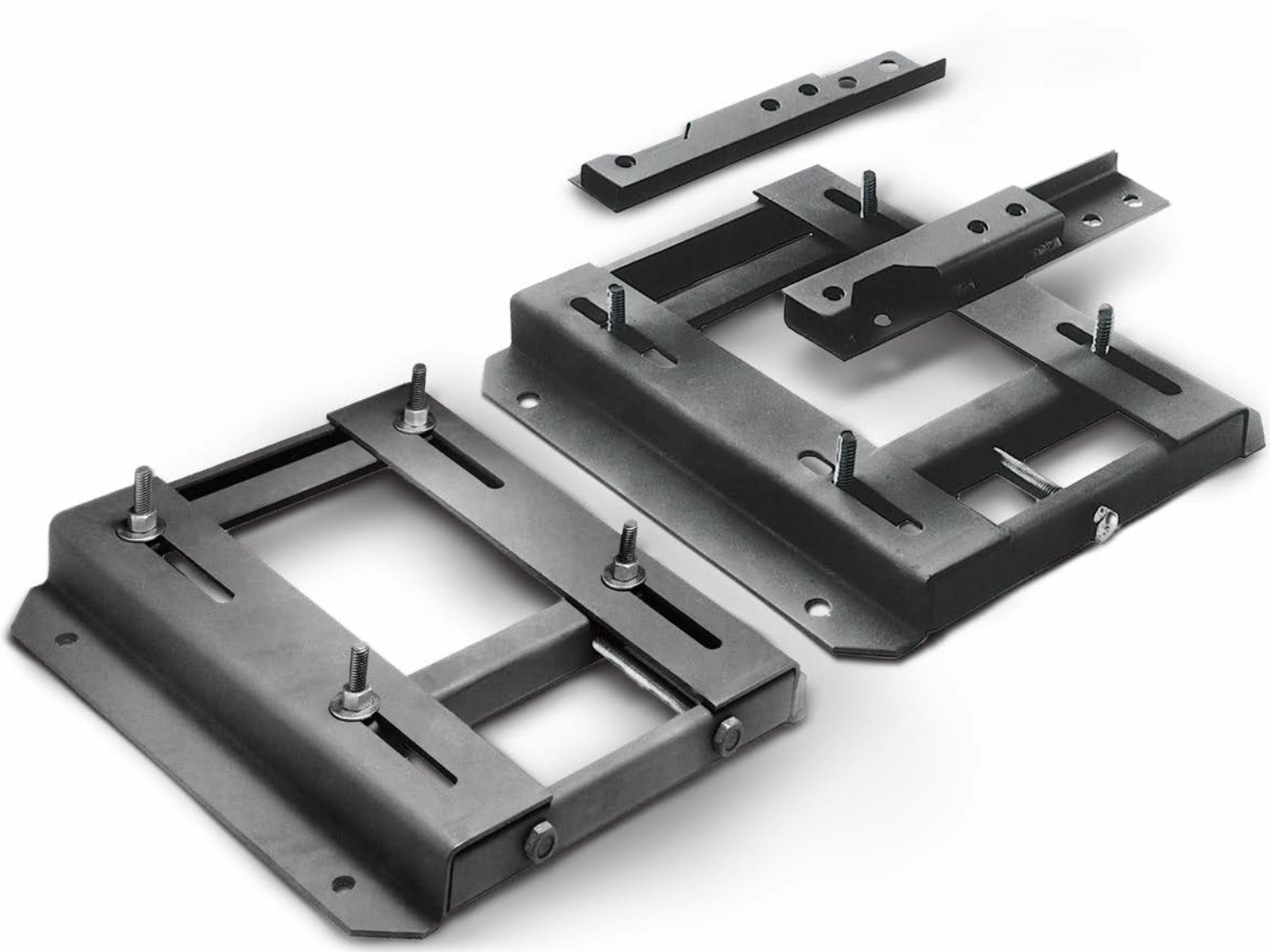
Applications
- For non-laminated frame DC motors with catalog numbers ending in “P”

C-Face kits for field conversion DC SCR Drive Motor



Catalog Number	NEMA Frame	Enclosures	Bearing	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
180-5002	180ATC	Drip-Proof	6206	1,651	SVC	21
210-5001	210ATC	Drip Proof or Totally Enclosed	6207	2,044	SVC	28
250-5001	250ATC	Drip Proof of Totally Enclosed	6209	2,857	SVC	60
280-5002	280ATC	Drip Proof	6210	4,013	SVC	80

General Accessories



General Accessories



Adjustable motor bases



Conversion Base



Bushing kit

Adjustable motor bases

Features

- Simplify mounting and belt tension adjustment at installation
- Heavy duty adjustable motor bases manufactured of steel or plate
- 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 not suitable for vertical mounting

Applications

- Bases listed can be used with motor frame numbers given and succeeded by the letters S, T, U, US and TS

Adjustable motor bases



NEMA Frame	Catalog Number	List Price (USD)	Disc. Sym.	No. of Adjusting Screws	Motor Mounting Bolt Size	Aprx. Wt. (lb)
48	**B48T**	182	SVC	1	5/16 x 1	3
56	**B56T**	182	SVC	1	5/16 x 1	3
143T	**B143T**	235	SVC	1	5/16 x 1	4
145T	**B145T**	235	SVC	1	5/16 x 1	5
182T	**B182T**	249	SVC	1	3/8 x 1 1/2	8
184T	**B184T**	249	SVC	1	3/8 x 1 1/2	9
213T	**B213T**	288	SVC	1	3/8 x 1 3/4	12
215T	**B215T**	288	SVC	1	3/8 x 1 1/2	14
254T	**B254T**	473	SVC	2	1/2 x 1 3/4	19
256T	**B256T**	473	SVC	2	1/2 x 1 3/4	21
284T	**B284T**	538	SVC	2	1/2 x 2	23
286T	**B286T**	538	SVC	2	1/2 x 2	23
324T	**B324T**	831	SVC	2	5/8 x 2 1/2	32
326T	**B326T**	831	SVC	2	5/8 x 2 1/2	33
364T	**B364T**	1,034	SVC	2	5/8 x 2 1/2	48
365T	**B365T**	1,034	SVC	2	5/8 x 2 1/2	50
404T	**B404T**	1,537	SVC	2	3/4 x 3	62
405T	**B405T**	1,537	SVC	2	3/4 x 3	59
444T	**B444T**	1,879	SVC	2	3/4 x 3	70
445T	**B445T**	1,879	SVC	2	3/4 x 3	71
447T	**B447T**	2,214	SVC	2	3/4 x 3 1/2	93
449T	**B449T**	2,214	SVC	2	3/4 x 3 1/2	99
5000	**B5000RLS**	3,337	SVC	2	7/8 x 3-1/2	62

Conversion Base

Features

- 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.
- The "T" frame motor is mounted to the pieces resulting in compensation for the difference in motor height, shaft position and mounting hole.
- Design is for horizontal mounting. Motor shimming may be required for direct drive applications.

Applications

- Converts NEMA mounting

Conversion Base



Catalog Number	Converts From	Converts To	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
CB1814T	182/184	143T/145T	235	SVC	1
CB2118T	213/215	182T/184T	277	SVC	3
CB2521T	254U/256U	213T/215T	318	SVC	5
CB2825T	284U/286U	254T/256T	429	SVC	7
CB3228T	324U/326U	284T/286T	593	SVC	9
CB3632T	364U/365U	324T/326T	729	SVC	14
CB4036T	404U/405U	364T/365T	1,000	SVC	21
CB50549T	504U/505U	449T	6,278	SVC	328
CB5049T	505US	449T	6,554	SVC	328
CB5844T	586T/587T	449T	14,313	SVC	465

Bushing kit

Features
- Reduce bore size of Quill type input shaft from 7/8 to 5/8
- Sintered metal bushing with integral internal and external keys.

Applications
- Quill type input shaft

Bushing kit

Catalog Number	List Price (USD)	Disc. Sym.	Aprx. Wt. (lb)
133-6FBA	182	SVC	0

Motor Mod Express®

Modification number	Motor Mod Express®
Balance	
M1A	Dynamic balance of rotors
Bearings	
M2A	Sealed
M2B	Ball to roller 1800 RPM or below
M2C	RPM AC ball to roller
M2F	Add isolated bearings NEMA 56 through 449T (SKF Insocoat or equivalent)
Brake motors	
M3D	Change stearns brake voltage
Conduit box	
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	
M5A	Install line cord in conduit box or terminal panel
M5B	Install 6 foot, 3 conductor, type SO cord with plug
Drains	
M7A	Add condensation drain holes
M7C	Close standard condensation drain holes
M7D	Add breather drains to cast iron explosion-proof motor
Dripcovers	
M8A	Install dripcover on TEFC or ODP
Leads	
M10A	Install terminal lugs
M10B	Reconnect motor from nine leads to three
M10C	Reconnect motor to high or low voltage in conduit box
M10D	Longer leads, additional leads added
Lubrication	
M11A	Install low temperature lubricant in bearings
M11B	Add high temperature grease
Seals	
M12A	install oil seals
M12B	Install Inpro/Seal® drive end only
M12C	Install V-ring seals to motor

Motor Mod Express®

Modification number	Motor Mod Express®
Mountings	
M13A	Add rigid base
M13B	Install NEMA C-face – steel band motor construction
M13C-1	Install NEMA C-face – cast iron construction
M13C-2	Install NEMA C-face – IEEE 841 motors
M13D	Add D-flange
M13E	Remove rigid base from foot mounted steel band motors
M13F-2	Convert mounting configuration for cast iron motor
M13G	Install C-Face to explosion-proof motors
M13I	Labor only to mount grinder or buffer onto a pedestal and package for shipment
Mounting drawings	
M44A	RPM AC mounting conversions
Export packaging	
M14A	Open crate packaging
M14B	Totally enclosed crate packaging
M14C	Motor and nameplate photograph
Nameplate	
M15A	Provide original nameplate for remote mounting
M15B	Replace nameplate
M15C	Laser engrave nameplate into stainless steel motor
M15E	Mail nameplates to customer
Blowers	
M16A	Add constant velocity blower unit
M16B	Convert from a 3 phase to a single phase blower
Paint	
M17A	Paint motor Baldor-Reliance® stock paint color
M17B	Paint motor or parts customer specified color
Lifting lugs	
M18A	Add lifting lugs up to a 326T frame size
Hardware	
M20A	Exchange plated hardware with stainless steel
Space heaters	
M21A	Add space heaters to TEFC or open motors
Thermal protectors	
M23A	Thermostats
Winding thermocouples	
M24A	Iron constantan (3 per motor)
Winding thermistors	
M25A	Thermistors

Motor Mod Express®

Modification number	Motor Mod Express®
Tropicalization	
M26A	Protection of windings and mechanical parts
Weatherproofing	
M27A	Treatment of windings and mechanical parts
Shaft modifications	
M29A	Drill and tap one hole in end of shaft or mill flat on shaft extension
M29B	Convert from TEFC to TEAO
M29C	Threading
M29D	Convert “T” frame to “U” frame shaft dimension or smaller (TS)
M29F	Shorten shafts without reducing the overall diameter
Tach and encoder mounting kits	
M31D	Add encoder kit to inverter duty V*S Master or RPM AC motor
M31E	Additional mounted encoder options for IDRPM motors
Testing	
M32A	CSA C390 method 1 equivalent to IEEE 112 method B performance testing
M33A	Short motor test
M33B	Routine motor test
M33C	Complete performance test
M33D	Calibration test
M33E	Sound measurement test
Terminal blocks	
M35A	Install IEC terminal blocks in conduit box and connect leads
Starters	
	Add magnetic or manual starter to grinder or buffer
M36A	Starter – single phase
M36B	Starter – three phase
M36C	Magnetic starter – three phase
M36D	Overload protection for dust control unit
Shaft grounding	
M39A	Shaft grounding systems
M39B-1	Shaft grounding ring - bearing protection
M39C	Baldor-Reliance® shaft grouding brush assembly
M39D	Add shaft grounding ring's colloidal silver shaft coating to shaft
Check Total Indicated Runout (TIR)	
M40A	Check Total Indicated Runout (TIR)
ABB Ability™	
M43A	Install ABB Ability™ Smart Sensor for motors

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.

Mod Ex is intended for stock motors only. Motor orders for stock above the qty: 10 will need to run through product management for approval prior to entry. No blanket orders and no more then 4 different mods per motor will be accepted.
If you have more than 4 mods per motor you need to enter a custom.

- **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.**
- **Some modifications do not apply to explosion-proof motors. 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 canceled 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.

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.

Motor Mod Express®

Balance

M1A (Modification number)

Dynamic balance of rotor

Re-balance stock motor to special balance NEMA 42 through 440 frame.

Squirrel cage type				Working days required
NEMA frame	Standard balance	Special balance	List price per motor	
40 - 140	0.15”/s	0.08”/s	512	2 days
180 - 210	0.15”/s	0.08”/s	1,242	
250 - 280	0.15”/s	0.08”/s	1,788	
320 - 360	0.15”/s	0.08”/s	3,468	
400	0.15”/s	0.10”/s	4,200	
440	0.15”/s	0.10”/s	4,384	

Note: Balance units are for velocity in inches per second. Special balance is the standard level for IEEE-841 (2009).

Bearings

M2A (Modification number)

Sealed

This modification provides the option of replacing standard bearings in AC motors with sealed bearings.

NEMA frame	List price per motor (2 bearings)	Working days required
48, 56	362	2 days
143 - 145	370	
182 - 184	466	
213 - 215	466	
254 - 256	870	
284 - 286	870	
324 - 326	1,124	
364 - 365	1,124	

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.

Motor Mod Express®

M2B (Modification number)

Ball to roller 1800 RPM or below

- 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, 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.
- **Does not apply to explosion-proof motors or designs that must be built as custom motors.**

NEMA frame	List price per motor	Working days required
449T*	3,896	3 days

Note: *449T - Applicable to 449T, 2300 volt and above.
Users must ensure to not exceed load carrying capability of installed roller bearing.
Maximum load capability of a rating can be provided.
If unsure of your load data, a belt load datasheet can be provided to assist.

RPM AC ball to roller

M2C (Modification number)

- Converts RPM AC motor drive end bearing from ball bearing to roller bearing.
- 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.

RPM AC frame	List price (x2 per set)	Working days required
FL/RL280 & FL/RL320	1,795	8 days
FL/RL360 & FL/RL400	2,885	
FL/RL440	4,800	

Motor Mod Express®

Add isolated bearings NEMA 56 through 449T (SKF Insocoat or equivalent)

M2F (Modification number)

If insulating both bearings, the addition of an M39 shaft ground is recommended.

NEMA frame	List price (x2 per set)	Working days required
56 - 145T	1,078	2 days
182T - 184T	1,120	
213T - 215T	1,524	
254T - 256T	2,336	
284T - 286T	2,932	
324T - 326T	3,268	
364T - 365T	3,386	
404T - 405T	3,544	
444T - 445T	3,704	
447T - 449T	6,348	

Totally Enclosed (TEFC) 449T frames at 2300/4000V motors come standard with an insulated opposite drive bearing.

Brake motors

M3D (Modification number)

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	Working days required
$564 per brake (plus any difference in coil cost).	*

Note: *Contact your local sales office

Motor Mod Express®

Conduit box

M4A (Modification number)

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.

NEMA frame	Stock motor		Optional threaded hole for conduit size	List price per motor	Working days required
	Hole diameter*	For conduit size			
48 - 145T	7/8"	1/2"	3/4"	252	2 days
182 - 215T	1-1/16"	3/4"	1"	252	
254 - 256T	1-3/8"	1"	1-1/4"	412	
284 - 326T	2"	1-1/2"	2"	412	
364 - 365T	2-1/2"	2"	2-1/2"	552	
404 - 405T	3"	2 1/2"	3"	600	
444 - 447T	3"	2-1/2"	3"	600	

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.

M4B (Modification number)

Rotate conduit box lead opening

Specify lead opening location facing conduit box

List price per motor	Working days required
$294	2 days

M4F (Modification number)

Replace die cast aluminum conduit box

Install cast iron conduit box with drilled and tapped entrance hole.

NEMA frame	List price per motor	Working days required
42 - 56	324	2 days
143 - 215T	374	
254 - 286T	460	
324 - 365T	736	

Motor Mod Express®

Conduit box continued

M4G (Modification number)

Add conduit box for thermostat or heater leads

Not for explosion-proof motors

NEMA frame	List price per motor	Working days required
56 - 145T	882	Contact your local sales office
182 - 215T	1030	
254 - 365T	1556	
404 - 449T	1968	

Cord

M5A (Modification number)

Install line cord in conduit box or terminal panel

- 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	Amp rating		Six feet or less list price	Each additional Foot to ten max List price	Working days required
	Single phase	Three phase			
18	10	7	266	20	2 days
16	13	10	266	22	
14	18	15	308	28	
12	25	20	324	30	

Note: Specify voltage and rotation facing drive end of motor.

Motor Mod Express®

M5B (Modification number)

Install 6 foot, 3 conductor, type SO cord with plug

- 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	Working days required
1 Hp and smaller	284	2 days

Note: Advise rotation facing drive end of motor

Drains

M7A (Modification number)

Add condensation drain holes

- 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	Working days required
215 and smaller	446	2 days
254 - 449	606	

Note: Indicate position of drain holes in each endplate.

M7C (Modification number)

Close standard condensation drain holes

- Close existing drain holes with plugs.
- **Does not apply to explosion-proof motors**

NEMA frame	List price per motor	Working days required
215 and smaller	370	2 days
254 - 449	446	

Motor Mod Express®

Drains continued

M7D (Modification number)

Add breather drains to cast iron explosion-proof motor

Drain type	List price per motor	Working days required
UL listed explosion-proof drain – ANSI 316 S.S.	778	2 days
UL listed explosion-proof drain – Crouse-Hinds ECD	874	

Dripcovers

M8A (Modification number)

Install dripcover on TEFC or ODP

NEMA frame	List price per motor ODP or TEFC	Working days required
48 - 145	294	2 days
182 - 184	316	
213 - 215	352	
254 - 256	404	
284 - 286	488	
324 - 326	540	
364 - 365	976	
404-405 (NEMA frame)	976	
444 - 449 (NEMA frame)	1,384	

Note: Lifting provisions for 250 and up may require additional lifting provision M18A

Leads

M10A (Modification number)

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	Working days required
215 and smaller	360	2 days
254-365	446	
404-445	530	
447-449	530	

Motor Mod Express®

M10B (Modification number)

Reconnect motor from nine leads to three
Specify voltage when ordering

NEMA frame	List price per motor	Working days required
42 - 145	324	2 days
182 - 184	502	
213 - 215	666	
254 - 256	750	
284 - 286	988	
324 - 326	1,248	

M10C (Modification number)

Reconnect motor to high or low voltage in conduit box
Specify voltage when ordering

NEMA frame	List price per motor	Working days required
42 - 145	324	2 days
182 - 184	502	
213 - 215	666	
254 - 256	750	
284 - 286	988	
324 - 326	1,248	

Motor Mod Express®

Leads continued

M10D (Modification number)

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	List price 18 inches	24 inches	36 inches	48 inches	Working days required
42-286	3 - 12 leads	430	436	448	472	2 days
324-449	3 leads	648	670	692	736	
	6 leads	716	760	806	898	
	9 leads	784	850	918	1,054	
	12 leads	850	940	1,030	1,210	

Note: If lead requirements are longer than 8 feet contact your sales representative.

Lubrication

M11A (Modification number)

Install low temperature lubricant in bearings

- 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.
- **Does not apply to explosion-proof motors**

NEMA frame	List price per motor	Working days required
48	252	2 days
56 - 145T	270	
182 - 184T	290	
213 - 215T	300	
254 - 256T	384	
284 - 286T	426	
324 - 326T	598	
364 - 365T	638	
404 - 405T	1,014	
444 - 449T	1,400	

Note: Low temperature operation below -25C (-13F)

Motor Mod Express®

M11B (Modification number)

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.
- **Does not apply to explosion-proof motors**

NEMA frame	List price per motor	Working days required
48	252	2 days
56 - 145T	270	
182 - 184T	290	
213 - 215T	300	
254 - 256T	384	
284 - 286T	426	
324 - 326T	598	
364 - 365T	638	
404 - 405T	1,014	
444 - 449T	1,400	

Note: Contact your sales representative to discuss application prior to ordering.

Seals

M12A (Modification number)

Install oil seals

- Nitrile is the standard oil seal material
- **Does not apply to explosion-proof motors**

NEMA frame	List price per motor	Working days required
48, 56	684	Contact your local sales office
143T - 145T	684	
182T - 184T	756	
213T - 215T	834	
254T - 256T	1,148	
284T - 286T	1,346	
324T - 326T	1,520	
364T - 365T	1,912	
404T - 405T	1,912	
444T - 449T*	2,016	

Note: *Contact your local sales office

Motor Mod Express®

Seals continued

M12B (Modification number)

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 per motor	Working days required
143T-215T	2,140	4 days
254-256T	2,680	
284-286T	2,856	
324-326T	3,032	
364-365T	3,478	
404-405T	3,650	
444-449T	4,448	

M12C (Modification number)

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 price	Working days required
$532	2 days

Motor Mod Express®

Mountings

M13A (Modification number)

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	Working days required
42 - 48	336	2 days
56	344	
143 - 145T	344	
182 - 184T	418	
213 - 215T	502	

Note: Not available for cast iron motors.

M13B (Modification number)

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	Working days required
42, 48 & 56	442	2 days
143 - 145T (1)	442	284T & larger subject to casting availability
182 - 184T (1)	484	
213 - 215T (1)	586	
254 - 256T (2)	1,114	
284 - 286T (2)	1,512	
324 - 326T (2)	1,976	

Note: Open motors having type numbers beginning with "34" cannot be modified to C-face. Contact your local sales office for details.
(1) These motors will have a non-NEMA BA dimension when C-face is added.
(2) Applies to ODP only.

Motor Mod Express®

Mountings continued

M13C-1 (Modification number)

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	Working days required
48 & 56	468	2 days
143 - 145T (1)	468	
182 - 184T (1)	564	
213 - 215T (1)	648	
254 - 256T (1)	1,434	
284 - 286T	1,976	
324 - 326T	2,138	
364 - 365T	2,306	
404 - 405T	2,876	
444 - 449T	3,450	

Note: (1) These motors will have a non-NEMA BA dimension when C-face is added. Specify C-face or Standard horizontal endplate.

M13C-2 (Modification number)

Install NEMA C-face – IEEE 841 motors

NEMA frame	NEMA C-face price	Working days required
284 - 365TC	2,044	2 days
324 - 326TC	3,180	
364 - 326TC	3,222	
404 - 405TC	3,586	
447 - 449TC	3,804	

Motor Mod Express®

M13D (Modification number)

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**

Steel band		Working days required
NEMA frame	**List price per motor**	
140	442	Contact your local sales office
180	1,196	
320	1,972	

Cast iron		Working days required
NEMA frame	**List price per motor**	
180	642 * †	Contact your local sales office
250	2,138 * †	
280	2,384 *	
320	2,714 *	

Note: * TEFC motors only
† Must start with motor that already has C-face on it.

M13E (Modification number)

Remove rigid base from foot mounted steel band motors

NEMA frame	NEMA C-face price	Working days required
42 - 48	448	2 days
56	460	
143 - 145T	460	
182 - 184T	558	

Note: Bases cannot be removed from motors above 180T frame.
Bases cannot be removed from explosion proof motors.

Motor Mod Express®

Mountings continued

M13F-2 (Modification number)

Convert mounting configuration for cast iron motor

- 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	Working days required
	ODP	TEFC		
Up to 184T	Yes	Yes	426	3 days
213 - 215T	Yes	Yes	426	
254 - 326T	Yes	Yes	426	
365 - 449T	Yes	Yes	426	

M13G (Modification number)

Install C-face to explosion-proof motors

Only available on NEMA frames shown below.

NEMA frame	List price per motor	Working days required
56	536	3 days
143 - 145T (steel band only)	536	
284 - 286T	3,864	
324 - 326T	5,286	
364 - 365T	5,914	
404 - 405T	6,978	

Note: Any other frame size must be built as a custom motor.

M13I (Modification number)

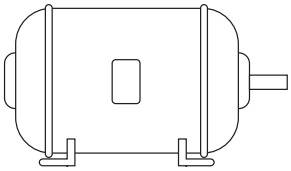
Labor only to mount grinder or buffer onto a pedestal and package for shipment

Price does not include the grinder or buffer, pedestal or any accessories.

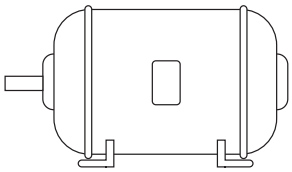
Wheel size	List price per grinder or buffer	Working days required
$532	426	2 days

Motor Mod Express®

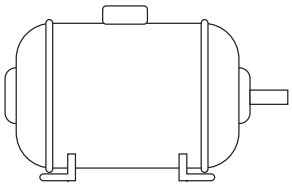
Floor Mountings



Assembly F-1

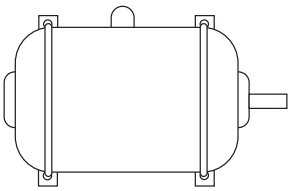


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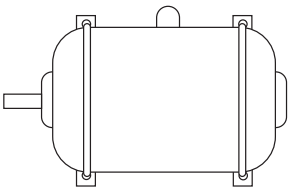


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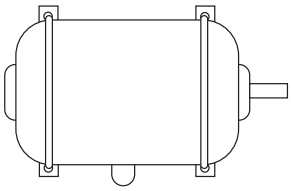
Wall Mountings



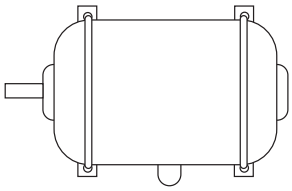
Assembly W-1



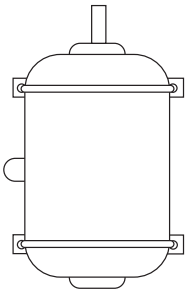
Assembly W-2



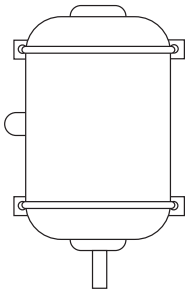
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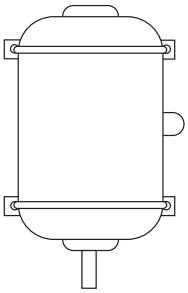
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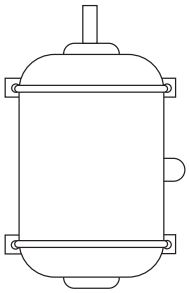
Assembly W-5



Assembly W-6

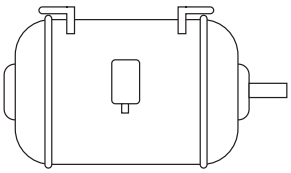


Assembly W-7

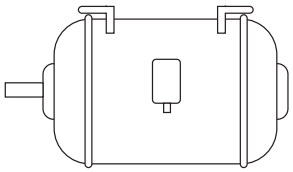


Assembly W-8

Ceiling Mountings



Assembly C-1



Assembly C-2

Note: For all NEMA mounting configurations, refer to NEMA MG 1-2016.

Motor Mod Express®

Mountings continued

M44A (Modification number)

RPM AC mounting conversions

- FL180 - FL/RL 280 frames and RL 360- RL 440 frames
- Relocation of the conduit box to F1 or F2

RPM AC enclosure	RPM AC frame	List price per motor	Working days required
TEBC, TENV, TEFC	FL180 - FL280	2,550	8 days
DPG-FV	RL210 - RL280	2,550	
	RL360 - RL440	2,550	

Export packaging

M14A (Modification number)

Open crate packaging

- 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	List price per motor	Working days required
56-215	1,008	8 days
254-326	1,312	
364-445	1,852	
447-449	2,096	

M14B (Modification number)

Totally enclosed crate packaging

- 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	Working days required
56-215	1,262	8 days
254-326	1,776	
364-445	2,210	
447-449	2,568	

Motor Mod Express®

M14C (Modification number)

Motor and nameplate photograph
- Take photo of motor and nameplate for FAA Security Endorsement Documents.
- Photos will be attached to sales order.

List price per motor	Working days required
$170	5 days

Nameplate

M15A (Modification number)

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 price per motor	Working days required
$190	2 days

M15B (Modification number)

Replace nameplate
Replace motor nameplate which may include customer part numbers, voltage, hertz, etc.

List price per motor	Working days required
$230	2 days

M15C (Modification number)

Laser engrave nameplate into stainless steel motor
Motor nameplate is laser etched on stainless steel band surface up to 210 frame motor

List price per motor	Working days required
$230	2 days

Motor Mod Express®

Nameplate continued

M15E (Modification number)

Mail nameplates to customer

- (All CSA and ULr markings are removed on nameplates ordered as a mail out order)
- No explosion-proof nameplates (no exceptions!)

	Working days required
Order minimum charge of $31 net. **Add $3.00 net for each additional nameplate.**	2 days

Note: No charge orders, only accepted if with RA or warranty claim.
Nameplates for explosion-proof motors will not be mailed out, no exceptions.

Blowers

M16A (Modification number)

Add constant velocity blower unit

	Working days required
Contact your sales representative for details	2 days

M16B (Modification number)

Convert from a 3 phase to a single phase blower

Motor nameplate is laser etched on stainless steel band surface up to 210 frame motor

NEMA frame	List price per motor	Working days required
All	456	2 days

Paint

M17A (Modification number)

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. 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	Working days required
42 - 215T	294	2 days
254 - 449T	1,158	

Motor Mod Express®

M17B (Modification number)

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	Working days required
Contact your local sales office for quote.	2 days

Lifting lugs

M18A (Modification number)

Add lifting lugs up to a 326T frame size

NEMA frame	List price per motor	Working days required
48 - 145T	438	2 days
182 - 215T	544	
254 - 286T	706	
324 - 326T	862	

Hardware

M20A (Modification number)

Exchange plated hardware with stainless steel

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	Working days required
56-184	674	2 days
213-215	746	
254-256	862	
284-286	976	
324-326	1,122	
364-405	1,294	
444-445	1,584	
447-449	1,752	

Motor Mod Express®

Space heaters

M21A (Modification number)

Add space heaters to TEFC or open motors

- 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	Working days required
145T and smaller	638	2 days
182 - 215T	804	
254 - 365T	1,196	
404 - 449T	1,360	

Note: Strip type space heaters are standard.

Thermal protectors

M23A (Modification number)

Thermostats

- **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	Working days required
Single phase	1	370	N/A	2 days
Three phase 42 - 215T	3 (3)	418	608	
Three phase 254 - 449T	3 (3)	1,114	1,306	
Direct current 48 - 215T	1	418	N/A	

Note: (3) In series with two leads into conduit box. Normally open are in parallel.

Motor Mod Express®

Winding thermocouples

M24A (Modification number)

Iron Constantan (3 per motor)

- **(3 per motor, 6 foot standard length)**
- Specify location.
- **Does not apply to explosion-proof motors**

NEMA frame	List price per thermocouple	Working days required
42 - 215T	404	2 days
254 - 449T	834	

Note: Thermocouples are installed on end turns.

Winding thermistors

M25A (Modification number)

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	Working days required
$1,338	2 days

Tropicalization

M26A (Modification number)

Protection of windings and mechanical parts

Protection from tropical environments.

NEMA frame	List price per motor AC	Working days required
Through 215T	488	2 days
254 - 365T	700	
404 - 449T	1,196	

Motor Mod Express®

Weatherproofing

M27A (Modification number)

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	Working days required
42 - 215T	476	2 days
254 - 365T	2,224	
404 - 449T	2,612	

Note: "Dirty duty", "CP" and "ECP" motors are weatherproofed as standard.

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.

NEMA frame	List price per modification	Working days required
42 - 145T	438	5 days
182 - 184T	460	
ASM62 (5)	540	
213 - 215T	638	
ASM75 (5)	638	
254T - 256T	582	
284 - 286T	582	
324-326T	674	
364-365T	718	
404-405T	802	

Note: (5) Arbor Saw motors.

M29A (Modification number)

Drill and tap one hole in end of shaft or mill flat on shaft extension.
Provide details on order.

	Working days required
Price this modification per table on previous page.	3 days

Motor Mod Express®

M29B (Modification number)

Convert from TEFC to TEAO

- Cut off shaft extension for external fan.
- **Does not apply to explosion-proof motors**

	Working days required
Price this modification per table on previous page.	3 days

M29C (Modification number)

Threading

Specify right hand or left hand thread, also type and length of thread.

	Working days required
Price this modification per table on previous page.	5 days

M29D (Modification number)

Convert “T” frame to “U” frame shaft dimension or smaller (TS)

- 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.

	Conversion of T frame to TS or U frame	Working days required
NEMA frame	List price per motor	
143 thru 145T	438	5 days
182 thru 215T	804	
254 thru 286T	1,832	
324 thru 365T	2,728	
404 thru 449T	4,496	

Motor Mod Express®

Shaft modifications continued

M29F (Modification number)

Shorten shafts without reducing the overall diameter

- 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 frame	List price per motor	Working days required
48 - 145T	464	3 days
182 - 215T	494	
254 - 256T	506	
324 - 326T	534	
364 - 365	562	
404 - 405	562	
447 - 449	588	

Tach and encoder mounting kits

M31D (Modification number)

Add encoder kit to Inverter Duty V*S Master or RPM AC motor

- Order encoders separately.
- Encoders can be found in the Variable Speed AC motors section.

NEMA frame	RPM AC frame	List price per motor	Working days required
56 - 215T	FL/RL180-210	382	2 days
254T - 404T	FL/RL 250-400	794	
444T - 449T	FL/RL440	1,238	

Motor Mod Express®

M31E (Modification number)

Additional mounted encoder options for IDRPM motors

List price includes encoder and mounting to motor.

Type	Frame size	Mfg.	PPR	Mag or optical	Conn type	Input voltage VDC	List price	Working days required
HS35	All	BEI	1024	O	MS-TL	5-28	3,668	2 days
HS35	All	BEI	2048	O	MS-TL	5-28	3,668	
LP35	All	BEI	1024	M	Term. Block	5-15	3,668	
LP35	All	BEI	1024	M	MS-TL	5-15	3,668	
LP35	All	BEI	1024	M	MS-ST	5-15	3,668	
HS20	All	Dynapar	1024	O	MS-TL	5-26	3,668	
ST85	All	Northstar	1024	O	EPIC Latch	5-15	6,452	
HS35M	All	Avtron	1024	M	MS-ST	5-24	3,990	
HS35M	All	Avtron	1024	M	EPIC Latch	5-24	3,990	

Testing

Contact your local sales office for original factory test reports.

M32A (Modification number)

CSA C390 method 1 equivalent to IEEE 112 method B performance testing

- 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	Working days required
42 - 215	4,800	7 days*
254 - 320	7,802	
360 - 449	9,388	

Note: 449T frames 2300V motors will be tested at factory.

* Lead time is dependent on test lab availability. Contact your local sales office.

Motor Mod Express®

Testing continued

M33A (Modification number)

Short motor test

- 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.
- Test includes: No load current, full load current, breakdown torque, locked rotor (starting) current, locked rotor torque, hi-potential test

NEMA frame	List price per motor	Working days required
42 - 215T	800	7 days*
254 - 449T	1,462	

Note: Not available for 449T frame 2300 volt and up.
* Lead time is dependent on test lab availability. Contact your local sales office.

M33B (Modification number)

Routine motor test

- 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, locked rotor current, high-potential, winding resistance

NEMA frame	List price per motor	Working days required
42 - 215T	540	7 days*
254 - 449T	992	

Note: * Lead time is dependent on test lab availability. Contact your local sales office.
Locked rotor test not included on EC Titanium motors

Motor Mod Express®

M33C (Modification number)

Complete performance test

- 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, temperature rise, full load current, full load slip, locked rotor current, measure breakdown and starting torques, high-potential, measure efficiency at 100%, 75%, 50%, winding resistance of full load, full load heat run, measure power factor at 100%, 75%, 50% of full load

NEMA frame	List price per motor	Working days required
42 - 215T	4,800	7 days*
254 - 320T	7,802	
360T - 449T*	17,574	

Note: For 449T frame 2300 volt and up please see M32A.
* Lead time is dependent on test lab availability. Contact your local sales office.

M33D (Modification number)

Calibration test

- 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	Working days required
42 - 215T	4,320	Contact your local sales office*
254 - 320T	5,756	
360T - 449T*	15,826	

Note: Not available for 449T frame 2300 volt and above.
* Lead time is dependent on test lab availability. Contact your local sales office.

Motor Mod Express®

Testing continued

M33E (Modification number)

Sound measurement test

- 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.

NEMA frame	List price per motor	Working days required
42 - 215T	1,970	7 days*
254 - 445T	2,944	
447 - 449T	7,190	

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.
* Lead time is dependent on test lab availability. Contact your local sales office.

Terminal blocks

M35A (Modification number)

Install IEC terminal blocks in conduit box and connect leads

- 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	Working days required
34 FRAME - 56-143T	456	2 days
35 FRAME - 56-145T	490	
182-184	544	
213-215	596	
254-256	684	
284-286	706	
324-326	2,062	
364-365	2,062	
404-405	2,062	
444-449	2,062	

Motor Mod Express®

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.

	Working days required
Price of the starter is included.	Lead time is dependent on delivery of the starter.

M36A (Modification number)

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	Buffer	Manual		Magnetic	
		115/230 volts	115 volts	230 volts	Working days
Wheel size	Hp	List price	List price	List price	required
6"	1/3	1,006	1,650	1,844	2 days
7"	N/A	1,006	1,650	1,844	
8"	3/4	1,006	1,892	1,844	
10"	1	1,006	1,892	1,844	
N/A	1-1/2	1,006	1,892	1,620	
12"	2	Standard equipment	1,606*	1,620*	

Note: Specify voltage when ordering.
* Price includes allowance for omission of standard starter.

Motor Mod Express®

Starters continued

M36B (Modification number)

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	Buffer	Manual		Magnetic	
		208-230/460 volts	208-230 volts	460 volts	Working days required
Wheel size	Hp	List price	List price	List price	
7"	N/A	1,162	1,844	1,700	2 days
8"	N/A	1,162	1,844	1,700	
10"	3/4	1,162	1,844	1,700	
12"	1	Standard equipment	1,300*	1,194*	
12"	2	Standard equipment	1,300*	1,194*	

Note: Specify voltage when ordering.
* Price includes allowance for omission of standard starter.

M36C (Modification number)

Magnetic starter – three phase

- With low voltage control.
- **Price of the starter is included.**

Grinder	Buffer	Magnetic with 110 volt control circuit transformer		Working days required
		208-230 volts	460 volts	
Wheel size	Hp	List price	List price	
7"	N/A	4,142	4,582	2 days
8"	N/A	4,142	4,582	
10"	3/4	4,142	4,582	
12"	1	4,064*	4,148*	
12"	2	4,064*	4,148*	
14"	5	4,064*	4,148*	
14"	7-1/2	4,064*	4,148*	

Note: Specify voltage when ordering.
* Price includes allowance for omission of standard starter.

Motor Mod Express®

M36D (Modification number)

Overload protection for dust control unit

Price of the starter is included.

NEMA frame	List price	Working days required
All	1,238	2 days

Note: Must be used with magnetic control. Contact your sales representative for details.

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 (Modification number)

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, division 1 or division 2 motors**

NEMA frame	List price	Working days required
56 - 449T	2,462	3 days

Motor Mod Express®

Shaft grounding continued

M39B-1 (Modification number)

Shaft grounding ring - bearing protection

NEMA frame	Shaft diameter	External list price	Internal list price	Working days required
56	0.625	442	1,326	2 days
140T, 180	0.875	464	1,392	
180T, 210	1.125	488	1,464	
210T, 250U	1.375	516	1,548	
250T, 280U	1.625	644	1,932	
280T, 320U, 320TS, 360TS	1.875	686 (1)	2,058	
320T, 360U, 400TS	2.125	758 (1)	2,274	
360T, 400U, 440TS	2.375	912 (1)	2,736	
400T, 440U	2.875	1,286 (1)	3,858	
440T	3.375	1,532 (1)	4,596	

Note: For this modification, the shaft grounding ring mounts to the drive end of the motor.
Not available for JM Motors.
(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.

M39C (Modification number)

Baldor-Reliance® shaft grounding brush assembly

- Add external or internal shaft grounding brush to motor endplate.
- Brush contacts motor shaft diameter.
- **Does not apply to explosion-proof or division 2 motors**

NEMA frame	External list price	Internal list price	Working days required
48, 56	442	1,326	2 days
140	464	1,392	
180	488	1,464	
210	516	1,548	
250	544	1,632	
280	582 (1)	1,746 (1)	
320	636 (1)	1,908 (1)	
360	700 (1)	2,100 (1)	
400	772 (1)	2,316 (1)	
440	862 (1)	2,586 (1)	

Note: Reference Mod M2F to add for one insulated bearing on the ODE of the motor.
(1) Motors over 100 Hp / 75 kW require an additional modification to add an insulated bearing on the opposite drive end.

Motor Mod Express®

M39D (Modification number)

Add Shaft grounding ring's colloidal silver shaft coating to shaft

Add a coating of colloidal silver to shaft of motor to enhance the conductivity of the surface.

List price per motor	Working days required
$700	2 days

Check Total Indicated Runout (TIR)

M40A (Modification number)

Check Total Indicated Runout (TIR)

- Check C-face and shaft run out.
- If applicable, check foot flatness.

List price per motor	Working days required
$246	2 days

ABB Ability™

M43A (Modification number)

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 price per motor	Working days required
$1,548	Contact your local sales office

Note: Choosing F3 position may require lifting provisions to be omitted.

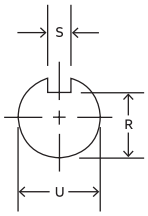
Catalog notes

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
4. UL Recognized thermal protection
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
23. Not rated for Division 2
24. Part winding start or DOL
25. Wye start, delta run or DOL
26. 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.
27. Motors have ball bearing suitable for coupled loads. If load is belted, a roller bearing may be required, contact your local sales office.
28. Suitable for sinewave operation
29. V-dimension is 2.5”
30. Usable at 208 volts
31. Design D
32. Uses HS25 encoder, 1024 PPR
33. Voltage @ 60 Hz
34. Motor has thermostat and provisions for adding adapter mounted tach.
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.
39. One size smaller flange and shaft
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.
43. Foot mounted only. These stock models include VPI insulation on L440 only, insulated ODE bearing, shaft ground brush, and stator RTD's.
44. Cannot be operated at full nameplate rating on 50Hz rectified power supply.
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.
49. Foot mounted only
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
54. Foot mounted and 180TC face
55. Foot mounted and 210TC face

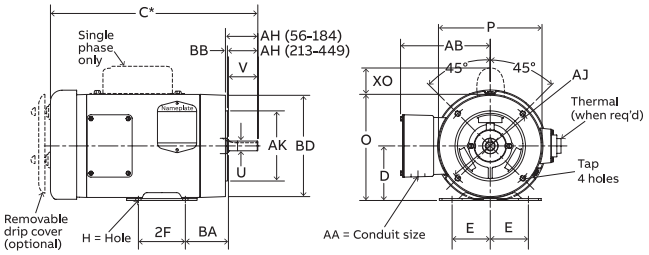
56. Legacy Reliance® E-Line motor design. Has F1 side mounted conduit box. Single frame mounting holes in 447 & 449 frame sizes.
57. Can mount as NEMA 145T frame with 145T frame shaft dimensions.
58. Foot mounted and 250TC face
59. Suitable for operation @ 415V, 50 Hz
60. Totally-enclosed, non-ventilated, continuous duty.
61. Force vent with blower, cannot run full nameplate on 50 Hz rectified power, thermostats and tach provisions.
62. Force vent with blower on drive end filter, thermostats and tach provisions.
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.
72. Blower on drive end
73. SCR motors with a 3:1 constant torque speed range.
74. V-dimension is 3”.
75. Force vent with blower and filter. Full nameplate rating on 50 Hz rectified power, AC supply voltage must be same as 60 Hz supply.
76. 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.
77. Inverter duty.
78. Furnished without conduit box. (Order kit BK2400)
79. Cooling fan on each end
80. Motor has thermostat and provisions for adding flange mounted tach.
81. 230/460V 3-phase motor, 200/400V 3-phase motor or 115/230V 1-phase 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.

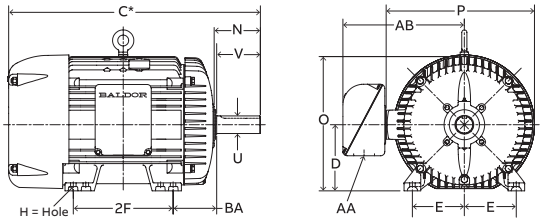
a. Supplied with 36 & 60 grit wheels.
b. Supplied with 36 grit and 0.014 wire wheel.
c. Stamp steel tool rests.
d. Cast iron tool rests.
e. Deluxe model includes water pot, tool tray and lighted eyeshields.
f. Non-exhaust type wheel guards.
g. Factory connected for 115 volts, power cord supplied.
h. Factory connected for 208-230 volts, no power cord.
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.
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.

NEMA quick reference chart



NEMA Shaft	Keyseat Dimensions		NEMA Shaft	Keyseat Dimensions	
(U)	(R)	(S)	(U)	(R)	(S)
3/8	21/64	FLAT	1-7/8	1-19/32	1/2
1/2	29/64	FLAT	2-1/8	1-27/32	1/2
5/8	33/64	3/16	2-3/8	2-1/64	5/8
7/8	49/64	3/16	2-1/2	2-3/16	5/8
1-1/8	63/64	1/4	2-7/8	2-29/64	3/4
1-3/8	1-13/64	5/16	3-3/8	2-7/8	7/8
1-5/8	1-13/32	3/8	3-7/8	3-5/16	1





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			5		2-1/8														
143T	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
145T			5																
182	4-1/2	3-3/4	4-1/2	13/32	2-11/16	8-11/16	7-7/8	7/8	2-1/4	3/4	5-7/8	2-1/8	5-7/8	4-1/2	2-3/4	1/8	6-1/2	2-3/8	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		3-9/16			1-1/8	2-3/4			2-5/8	7-1/4	8-1/2		1/4	9		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	5-1/4	4-1/4	5-1/2	13/32	3-1/2	10-1/4	9-9/16	1-1/8	3	1	7-3/8	2-3/4	7-1/4	8-1/2	3-1/2	1/4	9	2-3/4	1/2-13
215			7		3-1/2			1-1/8	3			2-3/4							
213T			5-1/2		3-7/8			1-3/8	3-3/8			3-1/8							
215T			7		3-7/8			1-3/8	3-3/8			3-1/8							
254U	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	3-1/2	7-1/4	8-1/2	4-1/4	1/4	10	—	1/2-13
256U			10		4-1/16			1-3/8	3-3/4			3-1/2							
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	7	5-1/2	9-1/2	17/32	5-1/8	14-5/8	14-5/8	1-5/8	4-7/8	1-1/2	13-1/8	4-5/8	9	10-1/2	4-3/4	1/4	11-1/4	—	1/2-13
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			11		4-7/8			1-7/8	4-5/8			4-3/8							
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	8	6-1/4	10-1/2	21/32	5-7/8	16-1/2	16-1/2	1-7/8	5-5/8	2	14-1/8	5-3/8	11	12-1/2	5-1/4	1/4	13-3/8	—	5/8-11
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			12		5-1/2			2-1/8	5-1/4			5							
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	9	7	11-1/4	21/32	6-3/4	18-1/2	19-1/2	2-1/8	6-3/8	3	18	6-1/8	11	12-1/2	5-7/8	1/4	13-3/8	—	5/8-11
365U			12-1/4		6-3/4			2-1/8	6-3/8		18	6-1/8							
364T			11-1/4		6-1/4			2-3/8	5-7/8		18-1/16	5-5/8							
365T			12-1/4		6-1/4			2-3/8	5-7/8		18-1/16	5-5/8							
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	10	8	12-1/4	13/16	7-3/16	21-5/16	22-1/2	2-3/8	7-1/8	3	19-1/4	6-7/8	11	12-1/2	6-5/8	1/4	13-7/8	—	5/8-11
405U			13-3/4		7-3/16			2-3/8	7-1/8		19-1/4	6-7/8							
404T			12-1/4		7-5/16			2-7/8	7-1/4		19-5/16	7							
405T			13-3/4		7-5/16			2-7/8	7-1/4		19-5/16	7							
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	11	9	14-1/2	13/16	8-5/8	24.24	27.57	2-7/8	8-5/8	3	22.68	8-3/8	14	16	7-1/2	1/4	16-3/4	—	5/8-11
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		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	14-1/2	11-1/2	22	1-1/4	13-3/8	38-1/4	29-3/8	3-7/8	11-5/8	3	23-3/4		—	—	—	10	—	—	—	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			22		13-3/8	38-1/4	29-3/8	4-3/8	11-5/8	3	23-3/4									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

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	NEMA frames prior to 1953						
	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				

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.

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