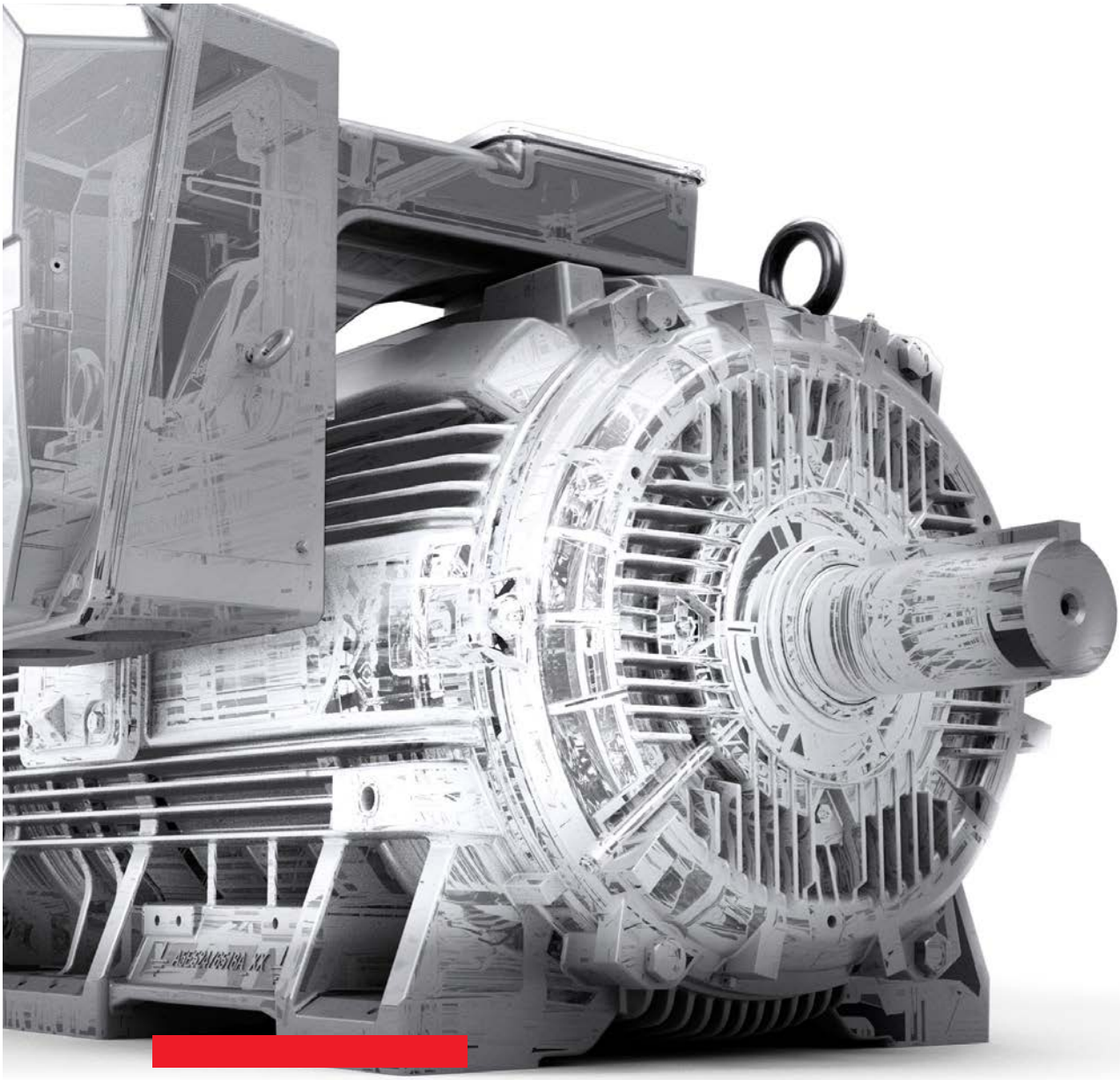


2026

ABB NEMA Motors — A COMPLETE LINE OF INDUSTRIAL MOTORS

ENGINEERED
TO OUTRUN

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

For more information visit https://new.abb.com/motors-generators

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

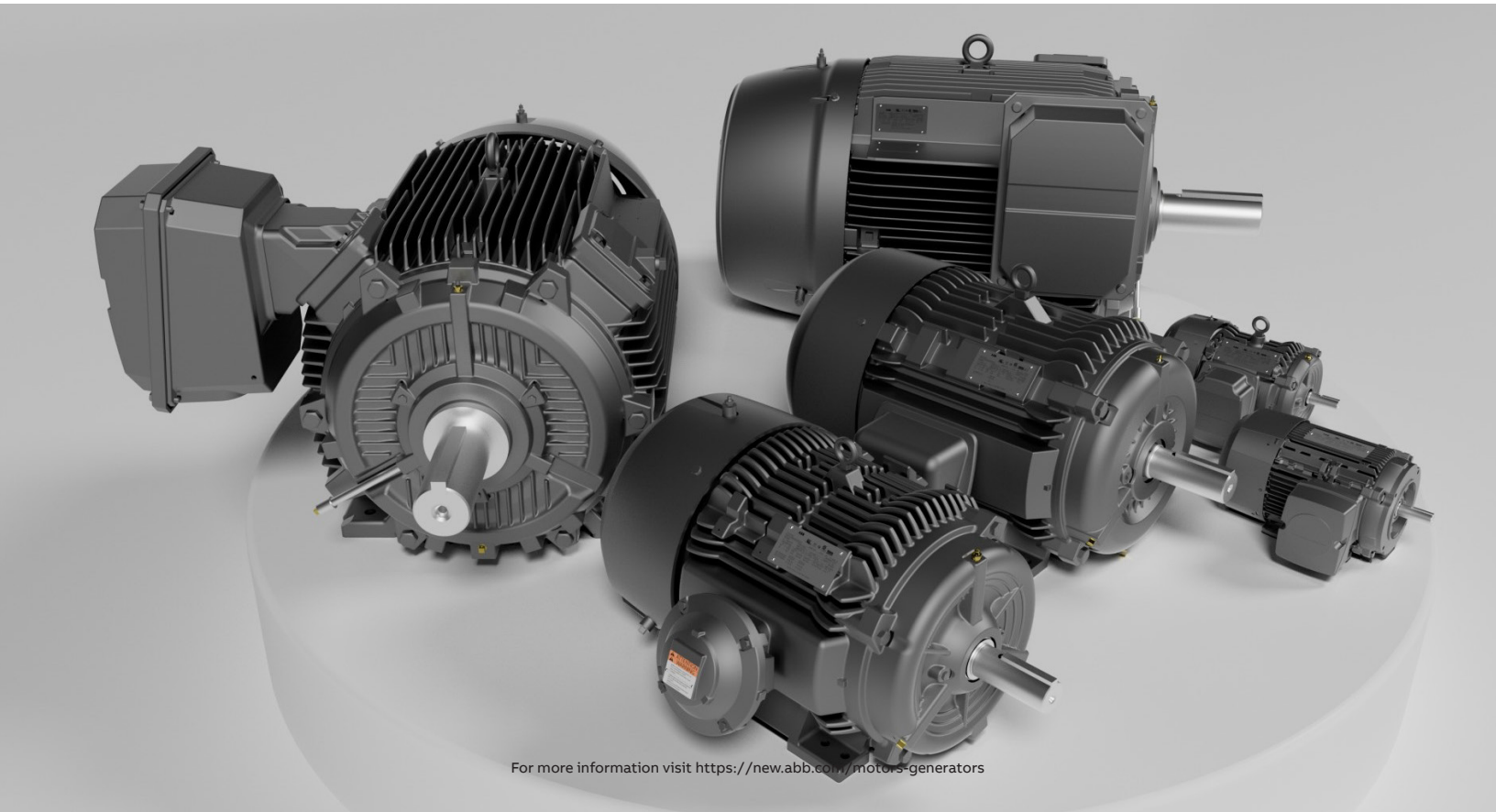
ABB NEMA motors

Our solutions enhance safety, reliability and sustainability.

Proving value to us means having the right motor for the job and offering solutions that are close to our customers' location. At ABB, we strive to offer a wide variety of motor types, in all frame sizes and power ratings with a comprehensive set of options.

This ABB NEMA motors portfolio consists of motors with power ratings from 1 to 800 horsepower with variety of voltages up to 600V, stocked to meet the needs of the North American market. The flexibility and modularity in design provides a wide range of use from lightweight aluminum-housed GP100A to the most robust and durable NEMA 5811 frame DP200 Crush+ motors.

Scan to play video



For more information visit https://new.abb.com/motors-generators

What's new



DP200 Crush+

The ABB NEMA Motors DP200 Crush+ is designed for use in hard-starting applications, such as crushers and conveyors in challenging environments. It incorporates the superior features of the SD200, customized specifically for crusher and other hard-start application use.

- Up to 600Hp
- IP65
- Over 300% breakdown torque
- Class H insulation
- NEMA Premium efficiency as option, NEMA Premium 4 available



SD200 motor line

The SD200 motor line delivers proven severe duty performance for demanding industrial applications. Now, with the SD200 841 extending up to 5000 frame and the SD200 SP4 reaching NEMA Premium® 4 efficiencies, the portfolio offers expanded capability and higher efficiency for tough operating environments.

- **SD200:** 75 - 800 Hp
- **SD200 SP4:** 100 - 250 Hp
- **SD200 841:** 75 - 500 Hp
- IP55 | IP56
- Class F insulation
- Class I, Division 2, Groups A, B, C, D
- Class II, Division 2, Groups F&G

A complete line of industrial motors



Severe duty



Definite purpose



General purpose



For more information visit https://



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 Premium 4 Efficiency motor can improve energy use by as much as 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

A complete line of low voltage motors
1–800Hp



						Severe Duty
Features		**SD100 & SD100 IEEE841**	**SD661**	**SD200**	**SD200 841**	**DP200 Crush+**
HP Range	3600 RPM	1–100Hp	-	125-600Hp	125-500Hp	-
	1800 RPM	1–100Hp	5–75Hp	125-800Hp	125-500Hp	125-600Hp
	1200 RPM	1–75Hp	7½–50Hp	100-600Hp	100-500Hp	125-600Hp
	900 RPM	1–60Hp	-	75-250Hp	75-250Hp	-
Frame Size	143T–5811	143T–405T	184T–365T	444T-5013	444T-5013	444T-5811
Standard Voltage (3 phase)	230/460V	140-250 (1)	-	-	-	-
	460V, 60Hz	143T–405T	184T–365T	444T-5013	444T-5013	444T-5811
	575V, 60Hz	143T–405T	184T–365T	444T-5013	444T-5013	444T-5811
Efficiency	NEMA Premium® (2)	143T–405T	184T–365T	444T-5013(5)	444T-5013	444T-5811
Insulation	Non-Hygroscopic	Class F	Class F	Class H	Class H	Class H
Temperature Rise	Class B	@ 1.0 SF	@ 1.0 SF	@ 1.0 SF	@ 1.0 SF	@ 1.0 SF
	Class F	@ 1.15 SF	@ 1.15 SF	@ 1.15 SF	@ 1.5 SF	@ 1.15 SF
Construction		Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
Fan		Polypropylene bi-directional	Polypropylene bi-directional	Polypropylene bi-directional	Polypropylene bi-directional	Polypropylene bi-directional
Ingress Protection		IP55	IP56	IP55	IP56	IP65
Hazardous classification	Gas	140T–400T CL I, Div. 2 GR. A, B, C or D	180T–360T CL I, Div. 2 GR. A, B, C or D	Division 2 Class I, GR. A, B, C or D	Division 2 Class I, GR. A, B, C or D	Division 2 Class I, GR. A, B, C or D
	Dust (4)	360T–400T CL II, Div. 2 GR. F and G	360T–400T CL II, Div. 2 GR. F and G	Division 2 Class II, GR. F and G	Division 2 Class II GR. F and G	Division 2 Class II GR. F and G
Inverter Duty (5)	Variable Torque	20:1	20:1	20:1	20:1	20:1
	Constant Torque	4:1	4:1	4:1	4:1	4:1
		-	-	2:1 (3)	2:1 (3)	2:1

(1) Suitable for 208V (not on nameplate). Not for IEEE 841 motors.
(2) MG1 - Table 12-12.
(3) FS440 <350HP & FS500 4 Pole ≤600 HP.
(4) 140-320 available on request.
(5) NEMA Premium® 4






		Severe Duty Pump Motors	Explosion Proof		General Purpose
Horizontal Pump Systems (HPS)	**P-Base VSS Pump LP100**	**P-Base VSS Pump HP100**	**XP100**	**GP100**	**GP100A**
450–600Hp	3 - 100Hp	3–100Hp	1–300Hp	1–200Hp	1–20Hp
-	3 - 250Hp	3–250Hp	1–250Hp	1–200Hp	1–20Hp
-	3 - 250Hp	3–250Hp	1–200Hp	1–200Hp	1–20Hp
-	-	-	-	1–250Hp	-
509S-2011S	182LP-447LP	182Hp-447Hp	143T-449T	143T-449T	143T-256T
-	182LP-286LP	182Hp-286Hp	143T-445T [(1)]	143T-405T [(1)]	143T-256T [(1)]
509S-2011S	182LP-447LP	182Hp-447Hp	143T-449T	143T-449T	143T-256T
509S-2011S	182LP-447LP	182Hp-447Hp	143T-449T	143T-449T	143T-256T
509S-2011S	182LP-447LP	182 HP-447Hp	143T-449T	143T-449T	143T-256T
Class H	Class F	Class F	Class F	Class F	Class F
@ 1.0 SF	@ 1.0 SF	@ 1.0 SF	@ 1.0 SF	@ 1.0 SF	@ 1.0 SF
@ 1.15 SF	@ 1.15 SF	@ 1.15 SF	@ 1.15 SF	@ 1.15 SF	@ 1.15 SF
Cast Iron	Cast Iron	Cast Iron	Cast Iron	Cast Iron	Aluminum
Metallic bi-directional	Polypropylene Bi-Directional	Polypropylene bi-directional	Polypropylene bi-directional	Polypropylene	Polypropylene bi-directional
IP55	IP55	IP55	IP65	IP55	IP55
500 CL I, Div. 2 GR. A, B, C	180T - 440T CL I, Div. 2 GR. A, B, C or D	180T–440T CL I, Div. 2 GR. A, B, C or D	140T–400T CL I, Div. 1 GR. C & D	-	-
			CL II, Div. 1 GR. F and G	-	-
20:1	20:1	20:1	20:1	-	-
4:1	4:1	4:1	4:1	-	-
2:1 [(4)]	-	-	-	-	-

Quality design and manufacturing

Bringing products close to our customers



Manufacturing plant located in Guadalajara, Mexico

History:
Founded in 1972
Siemens factory since 1982
ABB factory since 2023

Low voltage motor manufacturing scope:
NEMA Frames size NEMA 143 – 5811, ABB NEMA Motors SD, XP, GP and special pump motors

ABB NEMA motors are manufactured in a state-of-the-art, ISO 9001 certified facility. All products meet or exceed NEMA Premium® efficiency requirements suitable for the North American market.

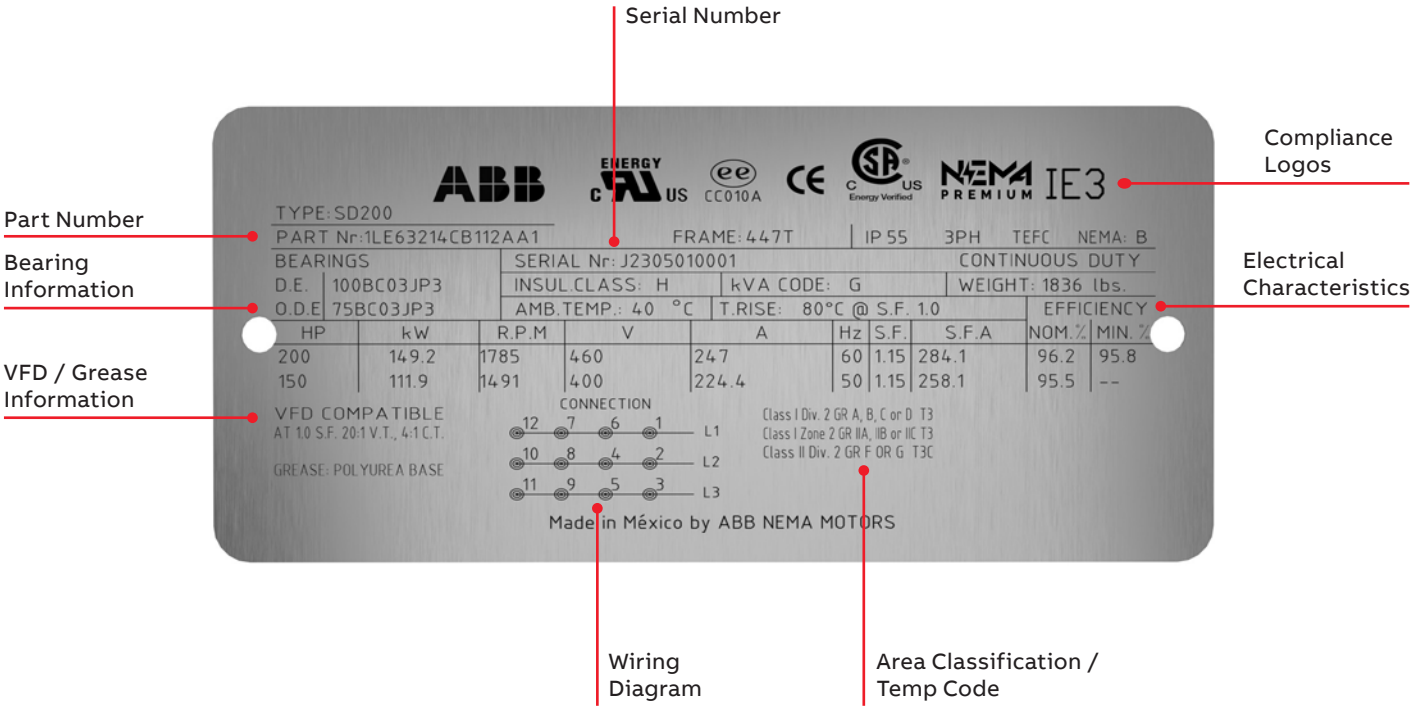


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Catalog notes

Voltage
ABB NEMA Motors can operate from 200–600V according to the winding selection and are designed according to NEMA MG-00001 tolerances
- Voltage: +/-10% of rated voltage
- Frequency: +/- 5% of rated frequency
- Combined: +/-10% (sum of absolute values)

Windings up to 230V can only be applied to motors 75Hp or below.

Efficiencies
Efficiencies of all 60 Hz motor designs are listed as NEMA nominal at full.

Full Load Amps (FLA)
For low voltage amps, double high voltage amps shown.

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.

Mounting holes
Most cast iron foot-mounted motors have dual mounting holes (143T-145T, 182T-184T, etc.) FS 500 and FS 580 have three mounting holes (509-5010-5011, 586-587-588, etc.).

F1/F2
All motors FS 400 and below are built with symmetrical frames which may be converted from F1 to F2 by switching endplates and rotor from end-to-end. F1 to F2 and top mount conversion for FS 444-5013 is available by switching cable after removing the end shield. FS 5086-5013 is done via swingarm.

There are four locations on the frame for L449-FS500 and two locations (DE only) for FS444-449 where the main box or auxiliary boxes can be mounted. FS 444-449 frame terminal box can be offered with options for centered box for retrofit applications.

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.

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

Terminal leads
All low voltage NEMA motors come standard with flying leads (no terminal block) terminated using ring terminals and identified with permanent marking. Terminal block, K83, is available as an option.

As standard terminal leads will be of sufficient length to execute the termination to the power leads inside the terminal box or F1, F2 and top-mount conversions.

Ingress Protection
The ingress protection (IP) rating is the protection grade against water and dust. The IP rating on the nameplate applies to completed motor, including shaft seals, bearing housing fits, and terminal box. The first number designation in the IP rating, IP_*, relates to the protection against water. The second number designation in the IP rating, IP*_, relates to the protection against dust. ABB NEMA Motors will have IP55 rating. Additional features can be added to increase to IP56, L91.

Hazardous area classification
Next-generation severe duty low voltage NEMA motors up to L449 frame will include Class I, Division 2 and Class II, Division 2 information standard on the main nameplate. 500 frame motors will include Class I, Division 2 information on the main plate and may have Class II, Division 2 added with option M25. Note: M25 will also include additional features required for compliance. Associated Zone 2 data will also be included.

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 ABB NEMA motors carry but cannot evaluate nor recommend what motors may be suitable for use in hazardous environments.

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 ABB NEMA 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

insulation. Consult ABB for the acceptability of a requested T-code for specific designs. When motors for use in Division 1 areas (Class I and/or Class II) are provided with T-stats (Over temperature devices) the over-temperature protection must be utilized. If accepted by the AHJ (Authority Having Jurisdiction) other means of limiting the temperature may be utilized in the application. Such alternate protection means are the responsibility of the end user, and ABB does not accept any responsibility for them.

4. The "T" Code identifies the maximum absolute motor surface temperature that will be developed under all conditions of operation.

Maximum surface temperature	US (NEC 500) CA (CEC Annex J)	US (NEC 505) CA (CEC Section 18)
450° C	T1	T1
300° C	T2	T2
280° C	T2A	–
260° C	T2B	–
230° C	T2C	–
215° C	T2D	–
200° C	T3	T3
180° C	T3A	–
165° C	T3B	–
160° C	T3C	–
135° C	T4	T4
120° C	T4A	–
100° C	T5	T5
85° C	T6	T6

- Division 1 considers external surface temperature and includes overloads and locked rotor conditions.

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 ABB explosion-proof motors are supplied with Explosion-Proof UL and CSA approved conduit boxes as standard.

7. Most ABB NEMA 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. ABB NEMA 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.

Licensed motors have NEMA Premium® on their nameplate

Buy with confidence
Buying a motor can be a difficult process. Is it the right size for the application? Is it the right design? Is it going to last? Is it going to perform to its specifications? Will it meet efficiency claims? The last question is easy to answer if NEMA Premium is on the label.

NEMA Premium Licensees meet a higher standard
All motor manufacturers are required to submit efficiency test data to the US Department of Energy to receive their Certificate of Compliance. Data must be compiled at any qualified testing facility, including the manufacturer's own test laboratory. It takes extra to wear the NEMA Premium label. A NEMA Premium Licensee has agreed to go beyond minimum US DOE requirements.

NEMA Premium Licensees must prove efficiency claims
What is on the nameplate is not what you always get when it comes to efficiency. Most manufacturers will attempt to ship what is on the nameplate, but do not always deliver. If you want assurance that a motor meets its efficiency claims, look for a NEMA Premium certified motor.

NEMA Premium Licensees must submit to third-party testing
NEMA Premium Licensees are required to ship randomly selected motors from distributors' inventory to a third-party qualified laboratory for efficiency verification testing on a regular schedule.

You can buy with confidence when NEMA Premium is on the nameplate.

NEMA PREMIUM NEMA PREMIUM 4

The US DOE (Department of Energy) has established new energy conservation standards for electric motors, including NEMA Premium 4 efficient, which will take effect on June 1, 2027. These regulations, part of the Medium Electric Motor (MEM) rule, will require motors up to 100 horsepower to meet NEMA Premium efficiency, and motors between 100 and 250 horsepower to achieve NEMA Premium 4 efficiency.

Technical details

Part number structure

MLFB Structure	1	2	3	4	5	6	7	–	8	9	10	11	12	–	13	14	15	16	-Z
Motor Series	**1**	**2**	**3**					–						–					
Standard GP, SD Motors	1	L	E					–						–					
Division I Explosion Proof Motors	1	M	B																
Definite Purpose Motors	1	P	C					–						–					
Main Series				**4**				–						–					
NEMA Motors				2				–						–					
Motor Type/Enclosure/Efficiency					**5**	**6**	**7**	–						–					
GP100A NP	1	L	E	2	1	2	1	–						–					
GP100 NP	1	L	E	2	2	2	1	–						–					
SD100 NP	1	L	E	2	3	2	1	–						–					
SD100 NP (Low Maintenance)	1	L	E	2	4	2	3	–						–					
SD100 IEEE841 NP	1	L	E	2	4	2	1	–						–					
SD661	1	L	E	2	4	2	2	–						–					
SD10 MS	1	L	E	2	1	2	1	–						–					
XP100	1	M	B	2	1	2	1	–						–					
XP100 ID1	1	M	B	2	2	2	1	–						–					
HP100	1	P	C	2	8	2	2	–						–					
LP100	1	P	C	2	8	3	5	–						–					
Motor HP and Frame								–	**8**	**9**		**11**		–					
Number of Poles (Speed)								–			**10**			–					
2 Pole (3000/3600 RPM)								–			A			–					
4 Pole (1500/1800 RPM)								–			B			–					
6 Pole (1000/1200 RPM)								–			C			–					
8 Pole (750/900 RPM)								–			D			–					
Winding Design/Voltage/Frequency								–					**12**	–	**13**				
Mounting								–							–	**14**			
Winding Protection								–							–		**15**		
Terminal Box Position								–							–			**16**	
With Additional Options								–							–				**-Z**

Technical details

Part number structure – Option codes

MLFB Structure	1	2	3	4	5	6	7	–	8	9	10	11	12	–	13	14	15	16	-Z
Motor Series	**1**	**2**	**3**					**–**						**–**					
Standard GP, SD Motors	1	L	E					–						–					
Definite Purpose Motors	1	P	C					–						–					
Main Series				**4**				–						–					
Next Generation NEMA Motors				6				–						–					
Motor Type/Enclosure/Efficiency					**5**	**6**	**7**	**–**						**–**					
SD200	1	L	E	6	3	2	1	–						–					
SD200 841	1	L	E	6	3	2	2	–						–					
SD200HPS	1	P	C	6	5	2	1	–						–					
SD200 SP4	1	L	E	6	4	2	3	–						–					
DP200 Crush+	1	P	C	6	5	2	5	–						–					
Motor HP and Frame								**–**	**8**	**9**		**11**		–					
Ball Bearing Long Shaft 444-445T									4	B		*							
Ball Bearing Long Shaft 447-449T									4	C		*							
Ball Bearing Long Shaft L449T									4	D		*							
Ball Bearing Long Shaft509-511									5	A		*							
Ball Bearing Long ShaftL5011-5013									5	B		*							
Ball Bearing Short Shaft 444-445TS									4	F		*							
Ball Bearing Short Shaft 447-449T									4	G		*							
Ball Bearing Short Shaft L449T									4	H		*							
Ball Bearing Short Shaft 509-511S									5	E		*							
Ball Bearing Short ShaftL5011-5013S									5	F		*							
Roller Bearing Long Shaft R444-R445T									4	S		*							
Roller Bearing Long Shaft R447-R449T									4	T		*							
Roller Bearing Long Shaft RL449T									4	U		*							
Roller Bearing Long Shaft R509-R5011									5	R		*							
Roller Bearing Long Shaft RL5011-RS013									5	S		*							
Number of Poles (Speed)								**–**			**10**			**–**					
2 Pole (3000/3600 RPM)								–			A			–					
4 Pole (1500/1800 RPM)								–			B			–					
6 Pole (1000/1200 RPM)								–			C			–					
8 Pole (750/900 RPM)								–			D			–					
Winding Design/Voltage/Frequency								**–**					**12**	**–**	**13**				
Mounting								**–**							**–**	**14**			
Winding Protection								**–**							**–**		**15**		
Terminal Box Position								**–**							**–**			**16**	
With Additional Options								**–**							**–**				**-Z**

General Purpose



General Purpose

General Purpose low voltage ABB NEMA motors are designed and built to operate in a variety of commercial and industrial environments. These motors are design to meet or exceed the NEMA Premium® efficiency (MG1 Table 12.12). A wide selection of options makes them suitable for a variety of applications. The construction of these motors is backed up by its 18-month warranty.



GP100A



GP100

Product Line		GP100A	GP100
NEMA Frame	Frame size range for stock products	140-250T	140-449T
Hp	3600 RPM	1 - 20	1 - 200
	1800 RPM	1 - 20	1 - 200
	1200 RPM	1 - 20	1 - 200
	900 RPM	–	1 - 125
Voltage 60 Hz	230/460V (1 - 75HP)	S	S
	460V	S	S
	575V	S	S
Electrical Features			
Efficiency	ABB NEMA motors meet or exceed all efficiency requirements for US, Canada and Mexico regulations	S	S
Torque	NEMA Design B torques	S	S
Service factor	1.15 service factor – continuous	S	S
Temp rise	Class F insulation with Class B rise @ 1.0 service factor	S	S
Inverter	Variable Torque 20:1	S	S
	Constant Torque 4:1	S	S
Mechanical Features			
Frame	Cast iron frame	–	S
	Cast aluminum frame	S	–
Conduit box	Cast aluminum	S	–
	Stamped steel (140 - 400 frame)	–	S
	Oversized cast iron (440 frame)	–	S
IP code	IP55 ingress protection	S	S
Other Key Features			
Warranty	Warranty - in number of months from shipment	18	18

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

GP100A

1 thru 20 Hp

IP55

Features
- Class F insulation, Class B temp rise
- Bidirectional fan
- Lightweight aluminum frame construction

Applications
- Pumps
- Fans
- Compressors
- Conveyors

GP100A Foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt									
1	3600	143T	**1LE21211AA114AA3**	858	13.44	37	82.5	230/460	1.4
	1800	143T	**1LE21211AB214AA3**	858	13.44	41	85.5	230/460	1.4
	1200	145T	**1LE21211AC314AA3**	1,066	13.44	46	82.5	230/460	1.6
1 1/2	3600	143T	**1LE21211AA214AA3**	880	13.44	37	84.0	230/460	2.0
	1800	145T	**1LE21211AB314AA3**	942	13.44	48	86.5	230/460	2.1
	1200	182T	**1LE21211CC114AA3**	1,140	15.74	66	87.5	230/460	2.4
2	3600	145T	**1LE21211AA314AA3**	1,022	13.44	44	85.5	230/460	2.5
	1800	145T	**1LE21211AB414AA3**	1,026	13.44	48	86.5	230/460	2.8
	1200	184T	**1LE21211CC314AA3**	1,258	15.74	74	88.5	230/460	3.2
3	3600	182T	**1LE21211CA114AA3**	1,140	15.74	57	86.5	230/460	3.8
	1800	182T	**1LE21211CB114AA3**	1,180	15.74	68	89.5	230/460	4.0
	1200	213T	**1LE21212AC114AA3**	1,618	19.15	107	89.5	230/460	4.3
5	3600	184T	**1LE21211CA314AA3**	1,482	15.74	72	88.5	230/460	6.0
	1800	184T	**1LE21211CB314AA3**	1,342	15.74	79	89.5	230/460	6.5
	1200	215T	**1LE21212AC214AA3**	2,414	19.15	121	89.5	230/460	6.7
	900	254T	**1LE21212BD114AA3**	3,640	26.16	215	86.5	230/460	8.5
7 1/2	3600	213T	**1LE21212AA114AA3**	1,938	19.15	129	89.5	230/460	8.8
	1800	213T	**1LE21212AB114AA3**	1,878	19.15	136	91.7	230/460	9.7
	1200	254T	**1LE21212BC114AA3**	3,080	26.16	200	91.0	230/460	10.0
	900	256T	**1LE21212BD214AA3**	3,940	26.16	195	87.5	230/460	13.0
10	3600	215T	**1LE21212AA214AA3**	2,284	19.15	134	90.2	230/460	11.5
	1800	215T	**1LE21212AB214AA3**	2,284	19.15	143	91.7	230/460	12.5
	1200	256T	**1LE21212BC214AA3**	3,628	26.16	244	91.0	230/460	13.5
15	3600	254T	**1LE21212BA114AA3**	2,986	26.16	217	91.0	230/460	17.5
	1800	254T	**1LE21212BB114AA3**	2,914	26.16	198	92.4	230/460	19.0
20	3600	256T	**1LE21212BA214AA3**	3,696	26.16	237	91.0	230/460	22.5
	1800	256T	**1LE21212BB214AA3**	3,510	26.16	248	93.0	230/460	25.0
460 volt									
5	900	254T	**1LE21212BD112AA3**	3,640	26.16	200	86.5	460	8.5
7 1/2	900	256T	**1LE21212BD212AA3**	3,860	26.16	195	87.5	460	13.0

GP100A Foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
575 volt									
	3600	143T	**1LE21211AA113AA3**	858	13.44	37	82.5	575	1.1
1	1800	143T	**1LE21211AB213AA3**	858	13.44	41	85.5	575	1.1
	1200	145T	**1LE21211AC313AA3**	1,066	13.44	46	82.5	575	1.3
	3600	143T	**1LE21211AA213AA3**	880	13.44	37	84.0	575	1.6
1 1/2	1800	145T	**1LE21211AB313AA3**	942	13.44	48	86.5	575	1.7
	1200	182T	**1LE21211CC113AA3**	1,140	15.74	66	87.5	575	1.9
	3600	145T	**1LE21211AA313AA3**	1,022	13.44	44	85.5	575	2.0
2	1800	145T	**1LE21211AB413AA3**	1,026	13.44	48	86.5	575	2.2
	1200	184T	**1LE21211CC313AA3**	1,258	15.74	74	88.5	575	2.6
	3600	182T	**1LE21211CA113AA3**	1,140	15.74	57	86.5	575	3.0
3	1800	182T	**1LE21211CB113AA3**	1,180	15.74	68	89.5	575	3.2
	1200	213T	**1LE21212AC113AA3**	1,618	19.15	107	89.5	575	3.4
	3600	184T	**1LE21211CA313AA3**	1,482	15.74	72	88.5	575	4.8
5	1800	184T	**1LE21211CB313AA3**	1,342	15.74	79	89.5	575	5.2
	1200	215T	**1LE21212AC213AA3**	2,414	19.15	121	89.5	575	5.4
	3600	213T	**1LE21212AA113AA3**	1,938	19.15	129	89.5	575	7.0
7 1/2	1800	213T	**1LE21212AB113AA3**	1,878	19.15	136	91.7	575	7.8
	1200	254T	**1LE21212BC113AA3**	3,080	26.16	200	91.0	575	8.0
	3600	215T	**1LE21212AA213AA3**	2,284	19.15	134	90.2	575	9.2
10	1800	215T	**1LE21212AB213AA3**	2,284	19.15	143	91.7	575	10.0
	1200	256T	**1LE21212BC213AA3**	3,628	26.16	244	91.0	575	10.8
15	3600	254T	**1LE21212BA113AA3**	2,986	26.16	217	91.0	575	14.0
	1800	254T	**1LE21212BB113AA3**	2,914	26.16	198	92.4	575	15.2
20	3600	256T	**1LE21212BA213AA3**	3,696	26.16	237	91.0	575	18.0
	1800	256T	**1LE21212BB213AA3**	3,510	26.16	248	93.0	575	20.0

GP100A, C-face foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt									
1	3600	143TC	**1LE21211AA114EA3**	1,070	13.44	37	82.5	230/460	1.4
	1800	143TC	**1LE21211AB214EA3**	1,070	13.44	41	85.5	230/460	1.4
	1200	145TC	**1LE21211AC314EA3**	1,278	13.44	46	82.5	230/460	1.6
1 1/2	3600	143TC	**1LE21211AA214EA3**	1,092	13.44	37	84.0	230/460	2.0
	1800	145TC	**1LE21211AB314EA3**	1,154	13.44	48	86.5	230/460	2.1
	1200	182TC	**1LE21211CC114EA3**	1,448	15.74	66	87.5	230/460	2.4
2	3600	145TC	**1LE21211AA314EA3**	1,234	13.44	44	85.5	230/460	2.5
	1800	145TC	**1LE21211AB414EA3**	1,238	13.44	48	86.5	230/460	2.8
	1200	184TC	**1LE21211CC314EA3**	1,566	15.74	74	88.5	230/460	3.2
3	3600	182TC	**1LE21211CA114EA3**	1,448	15.74	59	86.5	230/460	3.8
	1800	182TC	**1LE21211CB114EA3**	1,488	15.74	68	89.5	230/460	4.0
	1200	213TC	**1LE21212AC114EA3**	1,946	19.15	107	89.5	230/460	4.3
5	3600	184TC	**1LE21211CA314EA3**	1,790	15.74	72	88.5	230/460	6.0
	1800	184TC	**1LE21211CB314EA3**	1,650	15.74	77	89.5	230/460	6.5
	1200	215TC	**1LE21212AC214EA3**	2,742	19.15	121	89.5	230/460	6.7
	900	254TC	**1LE21212BD114EA3**	3,790	26.16	213	86.5	230/460	8.5
7 1/2	3600	213TC	**1LE21212AA114EA3**	2,266	19.15	129	89.5	230/460	8.8
	1800	213TC	**1LE21212AB114EA3**	2,206	19.15	134	91.7	230/460	9.7
	1200	254TC	**1LE21212BC114EA3**	3,538	26.16	202	91.0	230/460	10.0
	900	256TC	**1LE21212BD214EA3**	4,090	26.16	213	87.5	230/460	13.0
10	3600	215TC	**1LE21212AA214EA3**	2,612	19.15	134	90.2	230/460	11.5
	1800	215TC	**1LE21212AB214EA3**	2,612	19.15	140	91.7	230/460	12.5
	1200	256TC	**1LE21212BC214EA3**	4,086	26.16	244	91.0	230/460	13.5
15	3600	254TC	**1LE21212BA114EA3**	3,444	26.16	217	91.0	230/460	17.5
	1800	254TC	**1LE21212BB114EA3**	3,372	26.16	198	92.4	230/460	19.0
20	3600	256TC	**1LE21212BA214EA3**	4,154	26.16	239	91.0	230/460	22.5
	1800	256TC	**1LE21212BB214EA3**	3,968	26.16	242	93.0	230/460	25.0
575 volt									
1	3600	143TC	**1LE21211AA113EA3**	1,070	13.44	37	82.5	575	1.1
	1800	143TC	**1LE21211AB213EA3**	1,070	13.44	41	85.5	575	1.1
	1200	145TC	**1LE21211AC313EA3**	1,278	13.44	46	82.5	575	1.3
1 1/2	3600	143TC	**1LE21211AA213EA3**	1,092	13.44	37	84.0	575	1.6
	1800	145TC	**1LE21211AB313EA3**	1,154	13.44	48	86.5	575	1.7
	1200	182TC	**1LE21211CC113EA3**	1,448	15.74	66	87.5	575	1.9
2	3600	145TC	**1LE21211AA313EA3**	1,234	13.44	44	85.5	575	2.0
	1800	145TC	**1LE21211AB413EA3**	1,238	13.44	48	86.5	575	2.2
	1200	184TC	**1LE21211CC313EA3**	1,566	15.74	74	88.5	575	2.6
3	3600	182TC	**1LE21211CA113EA3**	1,448	15.74	59	86.5	575	3.0
	1800	182TC	**1LE21211CB113EA3**	1,488	15.74	68	89.5	575	3.2
	1200	213TC	**1LE21212AC113EA3**	1,946	19.15	107	89.5	575	3.4
5	3600	184TC	**1LE21211CA313EA3**	1,790	15.74	72	88.5	575	4.8
	1800	184TC	**1LE21211CB313EA3**	1,650	15.74	77	89.5	575	5.2

GP100A, C-face foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
575 volt									
5	1200	215TC	**1LE21212AC213EA3**	2,742	19.15	121	89.5	575	5.4
7 1/2	3600	213TC	**1LE21212AA113EA3**	2,266	19.15	129	89.5	575	7.0
	1800	213TC	**1LE21212AB113EA3**	2,206	19.15	134	91.7	575	7.8
	1200	254TC	**1LE21212BC113EA3**	3,538	26.16	200	91.0	575	8.0
10	3600	215TC	**1LE21212AA213EA3**	2,612	19.15	134	90.2	575	9.2
	1800	215TC	**1LE21212AB213EA3**	2,612	19.15	140	91.7	575	10.0
	1200	256TC	**1LE21212BC213EA3**	4,086	26.16	432	91.0	575	10.8
15	3600	254TC	**1LE21212BA113EA3**	3,444	26.16	432	91.0	575	14.0
	1800	254TC	**1LE21212BB113EA3**	3,372	26.16	436	92.4	575	15.2
20	3600	256TC	**1LE21212BA213EA3**	4,154	26.16	509	91.0	575	18.0
	1800	256TC	**1LE21212BB213EA3**	3,968	26.16	242	93.0	575	20.0

GP100A, C-face footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt									
	3600	143TC	**1LE21211AA114GA3**	1,038	13.44	37	82.5	230/460	1.4
1	1800	143TC	**1LE21211AB214GA3**	1,038	13.44	41	85.5	230/460	1.4
	1200	145TC	**1LE21211AC314GA3**	1,246	13.44	46	82.5	230/460	1.6
	3600	143TC	**1LE21211AA214GA3**	1,060	13.44	37	84.0	230/460	2.0
1 1/2	1800	145TC	**1LE21211AB314GA3**	1,122	13.44	48	86.5	230/460	2.1
	1200	182TC	**1LE21211CC114GA3**	1,404	15.74	66	87.5	230/460	2.4
	3600	145TC	**1LE21211AA314GA3**	1,202	13.44	44	85.5	230/460	2.5
2	1800	145TC	**1LE21211AB414GA3**	1,206	13.44	48	86.5	230/460	2.8
	1200	184TC	**1LE21211CC314GA3**	1,522	15.74	74	88.5	230/460	3.2
	3600	182TC	**1LE21211CA114GA3**	1,404	15.74	59	86.5	230/460	3.8
3	1800	182TC	**1LE21211CB114GA3**	1,444	15.74	68	89.5	230/460	4.0
	1200	213TC	**1LE21212AC114GA3**	1,882	19.15	107	89.5	230/460	4.3
	3600	184TC	**1LE21211CA314GA3**	1,746	15.74	72	88.5	230/460	6.0
	1800	184TC	**1LE21211CB314GA3**	1,606	15.74	77	89.5	230/460	6.5
5	1200	215TC	**1LE21212AC214GA3**	2,678	19.15	121	89.5	230/460	6.7
	900	254TC	**1LE21212BD114GA3**	3,740	26.16	213	86.5	230/460	8.5
		254TCV	**1LE21212BD114LA3**	3,780	28.31	215	86.5	230/460	8.5
	3600	213TC	**1LE21212AA114GA3**	2,202	19.15	129	89.5	230/460	8.8
	1800	213TC	**1LE21212AB114GA3**	2,142	19.15	134	91.7	230/460	9.7
7 1/2	1200	254TC	**1LE21212BC114GA3**	3,440	26.16	202	91.0	230/460	10.0
	900	256TC	**1LE21212BD214GA3**	4,040	26.16	213	87.5	230/460	13.0
		256TCV	**1LE21212BD214LA3**	4,080	28.31	215	87.5	230/460	13.0
	3600	215TC	**1LE21212AA214GA3**	2,548	19.15	134	90.2	230/460	11.5
10	1800	215TC	**1LE21212AB214GA3**	2,548	19.15	140	91.7	230/460	12.5
	1200	256TC	**1LE21212BC214GA3**	3,988	26.16	244	91.0	230/460	13.5
15	3600	254TC	**1LE21212BA114GA3**	3,346	26.16	217	91.0	230/460	17.5
	1800	254TC	**1LE21212BB114GA3**	3,274	26.16	198	92.4	230/460	19.0
20	3600	256TC	**1LE21212BA214GA3**	4,056	26.16	239	91.0	230/460	22.5
	1800	256TC	**1LE21212BB214GA3**	3,870	26.16	242	93.0	230/460	25.0
575 volt									
	3600	143TC	**1LE21211AA113GA3**	1,038	13.44	37	82.5	575	1.1
1	1800	143TC	**1LE21211AB213GA3**	1,038	13.44	41	85.5	575	1.1
	1200	145TC	**1LE21211AC313GA3**	1,246	13.44	46	82.5	575	1.3
	3600	143TC	**1LE21211AA213GA3**	1,060	13.44	37	84.0	575	1.6
1 1/2	1800	145TC	**1LE21211AB313GA3**	1,122	13.44	48	86.5	575	1.7
	1200	182TC	**1LE21211CC113GA3**	1,404	15.74	66	87.5	575	1.9
	3600	145TC	**1LE21211AA313GA3**	1,202	13.44	44	85.5	575	2.0
2	1800	145TC	**1LE21211AB413GA3**	1,206	13.44	46	86.5	575	2.2
	1200	184TC	**1LE21211CC313GA3**	1,522	15.74	74	88.5	575	2.6
	3600	182TC	**1LE21211CA113GA3**	1,404	15.74	59	86.5	575	3.0
3	1800	182TC	**1LE21211CB113GA3**	1,444	15.74	68	89.5	575	3.2
	1200	213TC	**1LE21212AC113GA3**	1,882	19.15	107	89.5	575	3.4

GP100A, C-face footless

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
575 volt									
5	3600	184TC	**1LE21211CA313GA3**	1,746	15.74	72	88.5	575	4.8
	1800	184TC	**1LE21211CB313GA3**	1,606	15.74	77	89.5	575	5.2
	1200	215TC	**1LE21212AC213GA3**	2,678	19.15	121	89.5	575	5.4
7 1/2	3600	213TC	**1LE21212AA113GA3**	2,202	19.15	129	89.5	575	7.0
	1800	213TC	**1LE21212AB113GA3**	2,142	19.15	134	91.7	575	7.8
	1200	254TC	**1LE21212BC113GA3**	3,440	26.16	440	91.0	575	8.0
10	3600	215TC	**1LE21212AA213GA3**	2,548	19.15	134	90.2	575	9.2
	1800	215TC	**1LE21212AB213GA3**	2,548	19.15	140	91.7	575	10.0
	1200	256TC	**1LE21212BC213GA3**	3,988	26.16	432	91.0	575	10.8
15	3600	254TC	**1LE21212BA113GA3**	3,346	26.16	432	91.0	575	14.0
	1800	254TC	**1LE21212BB113GA3**	3,274	26.16	198	92.4	575	15.2
20	3600	256TC	**1LE21212BA213GA3**	4,056	26.16	509	91.0	575	18.0
	1800	256TC	**1LE21212BB213GA3**	3,870	26.16	504	93.0	575	20.0

GP100
1 thru 200 Hp

IP55

Features
- Class F insulation, Class B temp rise
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2
- NEMA Premium efficient
- Robust cast iron frame design
- Bidirectional fan

Applications
- Pumps
- Fans
- Compressors

GP100, Foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt									
1	3600	143T	**1LE22211AA114AA3**	908	13.44	66	82.5	230/460	1.4
	1800	143T	**1LE22211AB214AA3**	908	13.44	61	85.5	230/460	1.4
	1200	145T	**1LE22211AC314AA3**	1,126	13.44	66	82.5	230/460	1.6
	900	182T	**1LE22211CD114AA3**	1,364	15.74	85	81.5	230/460	2.1
1 1/2	3600	143T	**1LE22211AA214AA3**	932	13.44	66	84.0	230/460	2.0
	1800	145T	**1LE22211AB314AA3**	1,000	13.44	66	86.5	230/460	2.1
	1200	182T	**1LE22211CC114AA3**	1,204	15.74	96	87.5	230/460	2.4
	900	184T	**1LE22211CD314AA3**	1,482	15.74	99	82.5	230/460	3.0
2	3600	145T	**1LE22211AA314AA3**	1,080	13.44	61	85.5	230/460	2.5
	1800	145T	**1LE22211AB414AA3**	1,084	13.44	66	86.5	230/460	2.8
	1200	184T	**1LE22211CC314AA3**	1,332	15.74	107	88.5	230/460	3.2
	900	213T	**1LE22212AD114AA3**	1,704	19.15	121	84.0	230/460	3.3
3	3600	182T	**1LE22211CA114AA3**	1,204	15.74	85	86.5	230/460	3.8
	1800	182T	**1LE22211CB114AA3**	1,246	15.74	105	89.5	230/460	4.0
	1200	213T	**1LE22212AC114AA3**	1,714	19.15	145	89.5	230/460	4.3
	900	215T	**1LE22212AD214AA3**	2,444	19.15	138	85.5	230/460	4.8
5	3600	184T	**1LE22211CA314AA3**	1,568	15.74	99	88.5	230/460	6.0
	1800	184T	**1LE22211CB314AA3**	1,418	15.74	103	89.5	230/460	6.5
	1200	215T	**1LE22212AC214AA3**	2,554	19.15	158	89.5	230/460	6.7
	900	254T	**1LE22212BD114AA3**	3,548	26.16	215	86.5	230/460	8.5
7 1/2	3600	213T	**1LE22212AA114AA3**	2,050	19.15	160	89.5	230/460	8.8
	1800	213T	**1LE22212AB114AA3**	1,988	19.15	169	91.7	230/460	9.7
	1200	254T	**1LE22212BC114AA3**	3,260	26.16	257	91.0	230/460	10.0
	900	256T	**1LE22212BD214AA3**	3,574	26.16	248	87.5	230/460	13.0
10	3600	215T	**1LE22212AA214AA3**	2,418	19.15	129	90.2	230/460	11.5
	1800	215T	**1LE22212AB214AA3**	2,418	19.15	173	91.7	230/460	12.5
	1200	256T	**1LE22212BC214AA3**	3,836	26.16	257	91.0	230/460	13.5

Cast iron frame

GP100, Foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt									
10	900	284T	**1LE22212CD116AA3**	5,138	29.38	415	90.2	230/460	17.0
15	3600	254T	**1LE22212BA114AA3**	3,162	26.16	275	91.0	230/460	17.5
	1800	254T	**1LE22212BB114AA3**	3,084	26.16	235	92.4	230/460	19.0
	1200	284T	**1LE22212CC116AA3**	5,020	29.38	409	91.7	230/460	21.0
	900	286T	**1LE22212CD216AA3**	6,102	29.38	448	90.2	230/460	26.0
20	3600	256T	**1LE22212BA214AA3**	3,910	26.16	301	91.0	230/460	22.5
	1800	256T	**1LE22212BB214AA3**	3,714	26.16	286	93.0	230/460	25.0
	1200	286T	**1LE22212CC216AA3**	5,912	29.38	431	91.7	230/460	27.0
	900	324T	**1LE22213AD116AA3**	7,328	32.07	616	91.0	230/460	31.0
25	3600	284TS	**1LE22212DA116AA3**	4,536	28.00	459	91.7	230/460	29.0
	1800	284T	**1LE22212CB116AA3**	4,328	29.38	440	93.6	230/460	30.0
	1200	324T	**1LE22213AC116AA3**	7,130	32.07	633	93.0	230/460	33.0
	900	326T	**1LE22213AD216AA3**	8,484	32.07	662	90.2	230/460	40.0
30	3600	286TS	**1LE22212DA216AA3**	5,502	28.00	422	91.7	230/460	34.0
	1800	286T	**1LE22212CB216AA3**	5,232	29.38	453	93.6	230/460	35.0
	1200	326T	**1LE22213AC216AA3**	8,774	32.07	657	93.0	230/460	39.0
	900	364T	**1LE22213CD116AA3**	10,898	35.53	882	91.7	230/460	41.0
40	3600	324TS	**1LE22213BA116AA3**	7,358	30.57	607	93.6	230/460	45.0
	1800	324T	**1LE22213AB116AA3**	7,044	32.07	633	94.1	230/460	46.0
	1200	364T	**1LE22213CC116AA3**	12,064	35.53	855	94.1	230/460	49.0
	900	365T	**1LE22213CD216AA3**	12,872	35.53	976	91.7	230/460	55.0
50	3600	326TS	**1LE22213BA216AA3**	9,742	30.57	569	93.6	230/460	55.0
	1800	326T	**1LE22213AB216AA3**	8,856	32.07	688	94.5	230/460	58.0
	1200	365T	**1LE22213CC216AA3**	14,176	35.53	891	94.1	230/460	62.0
60	3600	364TS	**1LE22213DA116AA3**	11,350	33.40	807	93.6	230/460	68.0
	1800	364T	**1LE22213CB116AA3**	11,250	35.53	902	95.0	230/460	68.0
	1200	404T	**1LE22214AC116AA3**	14,708	39.50	1073	94.5	230/460	74.0
75	3600	365TS	**1LE22213DA216AA3**	14,182	33.40	915	94.1	230/460	86.0
	1800	365T	**1LE22213CB216AA3**	14,192	35.53	976	95.4	230/460	85.0
	1200	405T	**1LE22214AC216AA3**	17,230	39.50	1227	94.5	230/460	93.0
460 volt									
100	3600	405TS	**1LE22214BA212AA3**	20,694	36.50	1104	94.1	460	108.0
	1800	405T	**1LE22214AB212AA3**	19,094	39.50	1128	95.4	460	113.0
		405TS	**1LE22214BB212AA3**	19,094	36.50	1133	95.4	460	113.0
	1200	444T	**1LE22214CC112AA3**	26,858	45.60	1542	95.0	460	117.0
		444TS	**1LE22214DC112AA3**	25,642	41.80	1463	95.0	460	117.0
125	3600	444TS	**1LE22214DA112AA3**	25,662	41.80	1377	95.0	460	138.0
	1800	444T	**1LE22214CB112AA3**	25,064	45.60	1595	95.4	460	143.0
		444TS	**1LE22214DB112AA3**	23,848	41.80	1524	95.4	460	115.0
		B444T	**1LE22214EB112AA3**	23,848	45.60	1573	95.4	460	143.0
	1200	445T	**1LE22214CC212AA3**	31,100	45.60	1742	95.0	460	144.0
		445TS	**1LE22214DC212AA3**	29,884	41.80	1643	95.0	460	144.0
		B445T	**1LE22214EC212AA3**	29,884	45.60	1722	95.0	460	144.0
150	3600	445TS	**1LE22214DA212AA3**	31,934	41.80	1579	95.0	460	164.0
	1800	445T	**1LE22214CB212AA3**	29,934	45.60	1788	95.8	460	170.0
		445TS	**1LE22214DB212AA3**	28,718	41.80	1634	95.8	460	170.0
		B445T	**1LE22214EB212AA3**	28,718	45.60	1771	95.8	460	170.0

Cast iron frame

GP100, Foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
150	1200	447T	**1LE22214CC312AA3**	35,850	49.10	1988	95.8	460	172.0
		447TS	**1LE22214DC312AA3**	34,634	45.40	1892	95.8	460	172.0
		B447T	**1LE22214EC312AA3**	34,634	49.10	1969	95.8	460	172.0
200	3600	447TS	**1LE22214DA312AA3**	44,478	45.40	2002	95.4	460	216.0
	1800	447T	**1LE22214CB312AA3**	39,676	49.10	2134	96.2	460	228.0
		447TS	**1LE22214DB312AA3**	38,460	45.40	2178	96.2	460	228.0
		B447T	**1LE22214EB312AA3**	38,460	49.10	2134	96.2	460	228.0
	1200	449T	**1LE22214CC512AA3**	47,896	54.10	2387	95.8	460	227.0
		449TS	**1LE22214DC512AA3**	46,680	50.30	2235	95.8	460	227.0
		B449T	**1LE22214EC512AA3**	46,680	54.10	2358	95.8	460	227.0
575 volt									
1	3600	143T	**1LE22211AA113AA3**	908	13.44	66	82.5	575	1.1
	1800	143T	**1LE22211AB213AA3**	908	13.44	61	85.5	575	1.1
	1200	145T	**1LE22211AC313AA3**	1,126	13.44	66	82.5	575	1.3
	900	182T	**1LE22211CD113AA3**	1,364	15.74	85	81.5	575	1.7
1 1/2	3600	143T	**1LE22211AA213AA3**	932	13.44	66	84.0	575	1.6
	1800	145T	**1LE22211AB313AA3**	1,000	13.44	66	86.5	575	1.7
	1200	182T	**1LE22211CC113AA3**	1,204	15.74	96	87.5	575	1.9
	900	184T	**1LE22211CD313AA3**	1,482	15.74	99	82.5	575	2.4
2	3600	145T	**1LE22211AA313AA3**	1,080	13.44	61	85.5	575	2.0
	1800	145T	**1LE22211AB413AA3**	1,084	13.44	66	86.5	575	2.2
	1200	184T	**1LE22211CC313AA3**	1,332	15.74	107	88.5	575	2.6
	900	213T	**1LE22212AD113AA3**	1,704	19.15	121	84.0	575	2.6
3	3600	182T	**1LE22211CA113AA3**	1,204	15.74	85	86.5	575	3.0
	1800	182T	**1LE22211CB113AA3**	1,246	15.74	105	89.5	575	3.2
	1200	213T	**1LE22212AC113AA3**	1,714	19.15	145	89.5	575	3.4
	900	215T	**1LE22212AD213AA3**	2,444	19.15	138	85.5	575	3.8
5	3600	184T	**1LE22211CA313AA3**	1,568	15.74	99	88.5	575	4.8
	1800	184T	**1LE22211CB313AA3**	1,418	15.74	103	89.5	575	5.2
	1200	215T	**1LE22212AC213AA3**	2,554	19.15	158	89.5	575	5.4
	900	254T	**1LE22212BD113AA3**	3,548	26.16	215	86.5	575	6.8
7 1/2	3600	213T	**1LE22212AA113AA3**	2,050	19.15	160	89.5	575	7.0
	1800	213T	**1LE22212AB113AA3**	1,988	19.15	169	91.7	575	7.8
	1200	254T	**1LE22212BC113AA3**	3,260	26.16	257	91.0	575	8.0
	900	256T	**1LE22212BD213AA3**	3,574	26.16	248	87.5	575	10.4
10	3600	215T	**1LE22212AA213AA3**	2,418	19.15	184	90.2	575	9.2
	1800	215T	**1LE22212AB213AA3**	2,418	19.15	173	91.7	575	10.0
	1200	256T	**1LE22212BC213AA3**	3,836	26.16	257	91.0	575	10.8
	900	284T	**1LE22212CD113AA3**	5,138	29.38	415	90.2	575	13.6
15	3600	254T	**1LE22212BA113AA3**	3,162	26.16	275	91.0	575	14.0
	1800	254T	**1LE22212BB113AA3**	3,084	26.16	235	92.4	575	15.2
	1200	284T	**1LE22212CC113AA3**	5,020	29.38	409	91.7	575	16.8
	900	286T	**1LE22212CD213AA3**	6,102	29.38	448	90.2	575	21.0
20	3600	256T	**1LE22212BA213AA3**	3,910	26.16	301	91.0	575	18.0
	1800	256T	**1LE22212BB213AA3**	3,714	26.16	286	93.0	575	20.0
	1200	286T	**1LE22212CC213AA3**	5,912	29.38	431	91.7	575	21.6
	900	324T	**1LE22213AD113AA3**	7,328	32.07	616	91.0	575	25.0

Cast iron frame

GP100, Foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
575 volt									
25	3600	284TS	**1LE22212DA113AA3**	4,536	28.00	459	91.7	575	23.2
	1800	284T	**1LE22212CB113AA3**	4,328	29.38	440	93.6	575	24.0
	1200	324T	**1LE22213AC113AA3**	7,130	32.07	633	93.0	575	26.4
	900	326T	**1LE22213AD213AA3**	8,484	32.07	662	90.2	575	32.0
30	3600	286TS	**1LE22212DA213AA3**	5,502	28.00	422	91.7	575	27.2
	1800	286T	**1LE22212CB213AA3**	5,232	29.38	453	93.6	575	28.0
	1200	326T	**1LE22213AC213AA3**	8,774	32.07	657	93.0	575	31.2
	900	364T	**1LE22213CD113AA3**	10,898	35.53	882	91.7	575	33.0
40	3600	324TS	**1LE22213BA113AA3**	7,358	30.57	607	93.6	575	36.0
	1800	324T	**1LE22213AB113AA3**	7,044	32.07	633	94.1	575	36.8
	1200	364T	**1LE22213CC113AA3**	12,064	35.53	855	94.1	575	39.2
	900	365T	**1LE22213CD213AA3**	12,872	35.53	976	91.7	575	44.0
50	3600	326TS	**1LE22213BA213AA3**	9,742	30.57	569	93.6	575	44.0
	1800	326T	**1LE22213AB213AA3**	8,856	32.07	688	94.5	575	46.4
	1200	365T	**1LE22213CC213AA3**	14,176	35.53	891	94.1	575	49.6
60	3600	364TS	**1LE22213DA113AA3**	11,350	33.40	807	93.6	575	54.4
	1800	364T	**1LE22213CB113AA3**	11,250	35.53	902	95.0	575	54.4
	1200	404T	**1LE22214AC113AA3**	14,708	39.50	1073	94.5	575	59.2
75	3600	365TS	**1LE22213DA213AA3**	14,182	33.40	915	94.1	575	68.8
	1800	365T	**1LE22213CB213AA3**	14,192	35.53	976	95.4	575	68.0
	1200	405T	**1LE22214AC213AA3**	17,230	39.50	1227	94.5	575	74.4
100	3600	405TS	**1LE22214BA213AA3**	20,694	36.50	1104	94.1	575	86.4
	1800	405T	**1LE22214AB213AA3**	19,094	39.50	1128	95.4	575	90.4
	1200	444T	**1LE22214CC113AA3**	26,858	45.60	1542	95.0	575	93.6
125	3600	444TS	**1LE22214DA113AA3**	25,662	41.80	1379	95.0	575	110.4
	1800	444T	**1LE22214CB113AA3**	25,064	45.60	1595	95.4	575	114.4
		444TS	**1LE22214DB113AA3**	23,848	41.80	1524	95.4	575	92.0
		B444T	**1LE22214EB113AA3**	23,848	45.60	1573	95.4	575	114.4
	1200	445T	**1LE22214CC213AA3**	31,100	45.60	1742	95.0	575	115.2
		445TS	**1LE22214DC213AA3**	29,884	41.80	1643	95.0	575	115.2
		B445T	**1LE22214EC213AA3**	29,884	45.60	1722	95.0	575	115.2
150	3600	445TS	**1LE22214DA213AA3**	31,934	41.80	1579	95.0	575	131.2
	1800	445T	**1LE22214CB213AA3**	29,934	45.60	1788	95.8	575	136.0
		445TS	**1LE22214DB213AA3**	28,718	41.80	1634	95.8	575	136.0
		B445T	**1LE22214EB213AA3**	28,718	45.60	1771	95.8	575	136.0
	1200	447T	**1LE22214CC313AA3**	35,850	49.10	1988	95.8	575	137.6
		447TS	**1LE22214DC313AA3**	34,634	45.40	1892	95.8	575	137.6
		B447T	**1LE22214EC313AA3**	34,634	49.10	1969	95.8	575	137.6
200	3600	447TS	**1LE22214DA313AA3**	44,478	45.40	2002	95.4	575	172.8
	1800	447T	**1LE22214CB313AA3**	39,676	49.10	2134	96.2	575	182.4
		447TS	**1LE22214DB313AA3**	38,460	45.40	2178	96.2	575	182.4
		B447T	**1LE22214EB313AA3**	38,460	49.10	2134	96.2	575	182.4
	1200	449T	**1LE22214CC513AA3**	47,896	54.10	2387	95.8	575	181.6
		449TS	**1LE22214DC513AA3**	46,680	50.30	2235	95.8	575	181.6
		B449T	**1LE22214EC513AA3**	46,680	54.10	2358	95.8	575	181.6

Cast iron frame

GP100, C-face foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt									
1	3600	143TC	**1LE22211AA114EA3**	1,120	13.44	66	82.5	230/460	1.4
	1800	143TC	**1LE22211AB214EA3**	1,120	13.44	63	85.5	230/460	1.4
	1200	145TC	**1LE22211AC314EA3**	1,338	13.44	66	82.5	230/460	1.6
	900	182TC	**1LE22211CD114EA3**	1,672	15.74	85	81.5	230/460	2.1
1 1/2	3600	143TC	**1LE22211AA214EA3**	1,144	13.44	66	84.0	230/460	2.0
	1800	145TC	**1LE22211AB314EA3**	1,212	13.44	66	86.5	230/460	2.1
	1200	182TC	**1LE22211CC114EA3**	1,512	15.74	94	87.5	230/460	2.4
	900	184TC	**1LE22211CD314EA3**	1,790	15.74	99	82.5	230/460	3.0
2	3600	145TC	**1LE22211AA314EA3**	1,292	13.44	61	85.5	230/460	2.5
	1800	145TC	**1LE22211AB414EA3**	1,296	13.44	66	86.5	230/460	2.8
	1200	184TC	**1LE22211CC314EA3**	1,640	15.74	103	88.5	230/460	3.2
	900	213TC	**1LE22212AD114EA3**	2,032	19.15	121	84.0	230/460	3.3
3	3600	182TC	**1LE22211CA114EA3**	1,512	15.74	85	86.5	230/460	3.8
	1800	182TC	**1LE22211CB114EA3**	1,554	15.74	103	89.5	230/460	4.0
	1200	213TC	**1LE22212AC114EA3**	2,042	19.15	147	89.5	230/460	4.3
	900	215TC	**1LE22212AD214EA3**	2,772	19.15	138	85.5	230/460	4.8
5	3600	184TC	**1LE22211CA314EA3**	1,876	15.74	101	88.5	230/460	6.0
	1800	184TC	**1LE22211CB314EA3**	1,726	15.74	103	89.5	230/460	6.5
	1200	215TC	**1LE22212AC214EA3**	2,882	19.15	158	89.5	230/460	6.7
	900	254TC	**1LE22212BD114EA3**	4,006	26.16	217	86.5	230/460	8.5
7 1/2	3600	213TC	**1LE22212AA114EA3**	2,378	19.15	162	89.5	230/460	8.8
	1800	213TC	**1LE22212AB114EA3**	2,316	19.15	169	91.7	230/460	9.7
	1200	254TC	**1LE22212BC114EA3**	3,718	26.16	290	91.0	230/460	10.0
	900	256TC	**1LE22212BD214EA3**	4,032	26.16	248	87.5	230/460	13.0
10	3600	215TC	**1LE22212AA214EA3**	2,746	19.15	184	90.2	230/460	11.5
	1800	215TC	**1LE22212AB214EA3**	2,746	19.15	173	91.7	230/460	12.5
	1200	256TC	**1LE22212BC214EA3**	4,294	26.16	305	91.0	230/460	13.5
15	3600	254TC	**1LE22212BA114EA3**	3,620	26.16	279	91.0	230/460	17.5
	1800	254TC	**1LE22212BB114EA3**	3,542	26.16	264	92.4	230/460	19.0
20	3600	256TC	**1LE22212BA214EA3**	4,368	26.16	301	91.0	230/460	22.5
	1800	256TC	**1LE22212BB214EA3**	4,172	26.16	286	93.0	230/460	25.0
575 volt									
1	3600	143TC	**1LE22211AA113EA3**	1,120	13.44	66	82.5	575	1.1
	1800	143TC	**1LE22211AB213EA3**	1,120	13.44	63	85.5	575	1.1
	1200	145TC	**1LE22211AC313EA3**	1,338	13.44	66	82.5	575	1.3
	900	182TC	**1LE22211CD113EA3**	1,672	15.74	190	81.5	575	1.7
1 1/2	3600	143TC	**1LE22211AA213EA3**	1,144	13.44	66	84.0	575	1.6
	1800	145TC	**1LE22211AB313EA3**	1,212	13.44	66	86.5	575	1.7
	1200	182TC	**1LE22211CC113EA3**	1,512	15.74	94	87.5	575	1.9
	900	184TC	**1LE22211CD313EA3**	1,790	15.74	218	82.5	575	2.4
2	3600	145TC	**1LE22211AA313EA3**	1,292	13.44	61	85.5	575	2.0

Cast iron frame

GP100, C-face foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
575 volt									
2	1800	145TC	**1LE22211AB413EA3**	1,296	13.44	66	86.5	575	2.2
	1200	184TC	**1LE22211CC313EA3**	1,640	15.74	103	88.5	575	2.6
	900	213TC	**1LE22212AD113EA3**	2,032	19.15	271	84.0	575	2.6
3	3600	182TC	**1LE22211CA113EA3**	1,512	15.74	85	86.5	575	3.0
	1800	182TC	**1LE22211CB113EA3**	1,554	15.74	103	89.5	575	3.2
	1200	213TC	**1LE22212AC113EA3**	2,042	19.15	147	89.5	575	3.4
	900	215TC	**1LE22212AD213EA3**	2,772	19.15	304	85.5	575	3.8
5	3600	184TC	**1LE22211CA313EA3**	1,876	15.74	101	88.5	575	4.8
	1800	184TC	**1LE22211CB313EA3**	1,726	15.74	103	89.5	575	5.2
	1200	215TC	**1LE22212AC213EA3**	2,882	19.15	158	89.5	575	5.4
	900	254TC	**1LE22212BD113EA3**	4,006	26.16	480	86.5	575	6.8
7 1/2	3600	213TC	**1LE22212AA113EA3**	2,378	19.15	162	89.5	575	7.0
	1800	213TC	**1LE22212AB113EA3**	2,316	19.15	169	91.7	575	7.8
	1200	254TC	**1LE22212BC113EA3**	3,718	26.16	577	91.0	575	8.0
	900	256TC	**1LE22212BD213EA3**	4,032	26.16	550	87.5	575	10.4
10	3600	215TC	**1LE22212AA213EA3**	2,746	19.15	184	90.2	575	9.2
	1800	215TC	**1LE22212AB213EA3**	2,746	19.15	173	91.7	575	10.0
	1200	256TC	**1LE22212BC213EA3**	4,294	26.16	570	91.0	575	10.8
15	3600	254TC	**1LE22212BA113EA3**	3,620	26.16	257	91.0	575	14.0
	1800	254TC	**1LE22212BB113EA3**	3,542	26.16	570	92.4	575	15.2
20	3600	256TC	**1LE22212BA213EA3**	4,368	26.16	645	91.0	575	18.0
	1800	256TC	**1LE22212BB213EA3**	4,172	26.16	286	93.0	575	20.0

Cast iron frame

GP100, C-face footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt									
1	3600	143TC	**1LE22211AA114GA3**	1,088	13.44	66	82.5	230/460	1.4
	1800	143TC	**1LE22211AB214GA3**	1,088	13.44	63	85.5	230/460	1.4
	1200	145TC	**1LE22211AC314GA3**	1,306	13.44	66	82.5	230/460	1.6
	900	182TC	**1LE22211CD114GA3**	1,628	15.74	85	81.5	230/460	2.1
1 1/2	3600	143TC	**1LE22211AA214GA3**	1,112	13.44	66	84.0	230/460	2.0
	1800	145TC	**1LE22211AB314GA3**	1,180	13.44	66	86.5	230/460	2.1
	1200	182TC	**1LE22211CC114GA3**	1,468	15.74	94	87.5	230/460	2.4
	900	184TC	**1LE22211CD314GA3**	1,746	15.74	99	82.5	230/460	3.0
2	3600	145TC	**1LE22211AA314GA3**	1,260	13.44	61	85.5	230/460	2.5
	1800	145TC	**1LE22211AB414GA3**	1,264	13.44	66	86.5	230/460	2.8
	1200	184TC	**1LE22211CC314GA3**	1,596	15.74	103	88.5	230/460	3.2
	900	213TC	**1LE22212AD114GA3**	1,968	19.15	121	84.0	230/460	3.3
3	3600	182TC	**1LE22211CA114GA3**	1,468	15.74	85	86.5	230/460	3.8
	1800	182TC	**1LE22211CB114GA3**	1,510	15.74	103	89.5	230/460	4.0
	1200	213TC	**1LE22212AC114GA3**	1,978	19.15	147	89.5	230/460	4.3
	900	215TC	**1LE22212AD214GA3**	2,708	19.15	138	85.5	230/460	4.8
5	3600	184TC	**1LE22211CA314GA3**	1,832	15.74	101	88.5	230/460	6.0
	1800	184TC	**1LE22211CB314GA3**	1,682	15.74	103	89.5	230/460	6.5
	1200	215TC	**1LE22212AC214GA3**	2,818	19.15	158	89.5	230/460	6.7
	900	254TC	**1LE22212BD114GA3**	3,908	26.16	217	86.5	230/460	8.5
7 1/2	3600	213TC	**1LE22212AA114GA3**	2,314	19.15	162	89.5	230/460	8.8
	1800	213TC	**1LE22212AB114GA3**	2,252	19.15	169	91.7	230/460	9.7
	1200	254TC	**1LE22212BC114GA3**	3,620	26.16	290	91.0	230/460	10.0
	900	256TC	**1LE22212BD214GA3**	3,934	26.16	248	87.5	230/460	13.0
10	3600	215TC	**1LE22212AA214GA3**	2,682	19.15	184	90.2	230/460	11.5
	1800	215TC	**1LE22212AB214GA3**	2,682	19.15	173	91.7	230/460	12.5
	1200	256TC	**1LE22212BC214GA3**	4,196	26.16	305	91.0	230/460	13.5
15	3600	254TC	**1LE22212BA114GA3**	3,522	26.16	279	91.0	230/460	17.5
	1800	254TC	**1LE22212BB114GA3**	3,444	26.16	264	92.4	230/460	19.0
20	3600	256TC	**1LE22212BA214GA3**	4,270	26.16	301	91.0	230/460	22.5
	1800	256TC	**1LE22212BB214GA3**	4,074	26.16	286	93.0	230/460	25.0
575 volt									
1	3600	143TC	**1LE22211AA113GA3**	1,088	13.44	66	82.5	575	1.1
	1800	143TC	**1LE22211AB213GA3**	1,088	13.44	63	85.5	575	1.1
	1200	145TC	**1LE22211AC313GA3**	1,306	13.44	66	82.5	575	1.3
	900	182TC	**1LE22211CD113GA3**	1,628	15.74	85	81.5	575	1.7
1 1/2	3600	143TC	**1LE22211AA213GA3**	1,112	13.44	66	84.0	575	1.6
	1800	145TC	**1LE22211AB313GA3**	1,180	13.44	66	86.5	575	1.7
	1200	182TC	**1LE22211CC113GA3**	1,468	15.74	94	87.5	575	1.9
	900	184TC	**1LE22211CD313GA3**	1,746	15.74	99	82.5	575	2.4
2	3600	145TC	**1LE22211AA313GA3**	1,260	13.44	61	85.5	575	2.0

Cast iron frame

GP100, C-face footless

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
575 volt									
2	1800	145TC	**1LE22211AB413GA3**	1,264	13.44	66	86.5	575	2.2
	1200	184TC	**1LE22211CC313GA3**	1,596	15.74	103	88.5	575	2.6
	900	213TC	**1LE22212AD113GA3**	1,968	19.15	271	84.0	575	2.6
3	3600	182TC	**1LE22211CA113GA3**	1,468	15.74	85	86.5	575	3.0
	1800	182TC	**1LE22211CB113GA3**	1,510	15.74	103	89.5	575	3.2
	1200	213TC	**1LE22212AC113GA3**	1,978	19.15	147	89.5	575	3.4
	900	215TC	**1LE22212AD213GA3**	2,708	19.15	304	85.5	575	3.8
5	3600	184TC	**1LE22211CA313GA3**	1,832	15.74	101	88.5	575	4.8
	1800	184TC	**1LE22211CB313GA3**	1,682	15.74	103	89.5	575	5.2
	1200	215TC	**1LE22212AC213GA3**	2,818	19.15	158	89.5	575	5.4
	900	254TC	**1LE22212BD113GA3**	3,908	26.16	480	86.5	575	6.8
7 1/2	3600	213TC	**1LE22212AA113GA3**	2,314	19.15	162	89.5	575	7.0
	1800	213TC	**1LE22212AB113GA3**	2,252	19.15	169	91.7	575	7.8
	1200	254TC	**1LE22212BC113GA3**	3,620	26.16	577	91.0	575	8.0
	900	256TC	**1LE22212BD213GA3**	3,934	26.16	550	87.5	575	10.4
10	3600	215TC	**1LE22212AA213GA3**	2,682	19.15	184	90.2	575	9.2
	1800	215TC	**1LE22212AB213GA3**	2,682	19.15	173	91.7	575	10.0
	1200	256TC	**1LE22212BC213GA3**	4,196	26.16	570	91.0	575	10.8
15	3600	254TC	**1LE22212BA113GA3**	3,522	26.16	568	91.0	575	14.0
	1800	254TC	**1LE22212BB113GA3**	3,444	26.16	264	92.4	575	15.2
20	3600	256TC	**1LE22212BA213GA3**	4,270	26.16	301	91.0	575	18.0
	1800	256TC	**1LE22212BB213GA3**	4,074	26.16	286	93.0	575	20.0

Cast iron frame

Severe Duty



Severe Duty

ABB NEAM Next Generation Severe Duty low voltage NEMA motors are designed and built to operate under the harshest environments in the industry, including but not limited to petrochemical, pulp and paper mills and waste-water treatment. These motors are designed to meet or exceed NEMA Premium® efficiency, also available in NEMA Premium 4 efficiency as well as the most stringent industry standards of IEEE 841. Built for long, trouble-free life.



SD100



SD200



SD200 SP4



SD100 IEEE841



SD200 841



SD661



SD10 MS - Two speed motors



DP200 Crush+

Product Line		SD100	SD200	SD200 SP4	SD100 IEEE841	SD200 841	SD661	DP200 Crush+
NEMA Frame	Frame size range for stock products	143T-405T	444T-5013	444T-449T	143T-405T	444T-5012	182T-365T	444T-5812
Hp	3600 RPM	1 - 100	125 - 800	125 - 250	1 - 100	125 - 500	–	–
	1800 RPM	1 - 100	125 - 800	125 - 250	1 - 100	125 - 500	5 - 75	125 - 600
	1200 RPM	1 - 75	100 - 600	–	1 - 75	100 - 500	7 1/2 - 50	100 - 600
	900 RPM	1 - 60	75 - 250	–	1 - 60	75 - 250	–	–
Voltage 60 Hz	230/460V (1 - 75HP)	S	–	–	–	–	–	–
	460V	S	S	S	S	S	S	S
	575V	S	S	S	S	S	S	S
Division 2 Classification								
Class & Group	Class I, Group A, B, C & D	S	S	S	S	S	S	S
	Class II, Group F & G (140 - 250 frame)	A	–	–	A	–	A	–
	Class II, Group F & G (280 frame and up)	S	S	S	S	S	S	S
Electrical Features								
Efficiency	ABB NEMA motors meet or exceed all efficiency requirements for US, Canada and Mexico regulations	S	S	S	S	S	S	S
Torque	NEMA Design B torques	S	S	S	S	S	S	–
Service factor	1.15 service factor – continuous	S	S	S	S	S	S	S
Temp rise	Class F insulation with Class B rise @ 1.0 service factor	S	–	–	S	–	S	–
	Class H insulation with Class B rise @ 1.0 service factor	A	S	S	A	S	A	S
Inverter	Variable Torque 20:1	S	S	S	S	S	S	S
	Constant Torque 4:1 (up to 449T) see data sheet for larger ratings	S	S	S	S	S	S	S*
	Constant Torque 20:1 (4 pole)	143T - 365T	–	–	143T - 365T	–	143T - 365T	–
Mechanical Features								
Frame	Cast iron frame	S	S	S	S	S	S	S
Conduit box	Oversized cast iron	S	S	S	S	S	S	S
IP code	IP55 ingress protection	S	S	S	S	–	–	–
	IP56 ingress protection	A	A	A	A	S	S	–
	IP65 ingress protection	A	A	A	A	A	A	S
Other Key Features								
Certifications and tests	Meets and exceeds IEEE 841	–	–	–	S	S	S	–
Warranty	Warranty - in number of months from shipment	36	36	48	60	60	60	36

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

SD100
1 thru 100 Hp

IP55

Features
- Insulation Class F, Class B Temp rise
- Division 2, Class I and Class II
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2
- NEMA Premium efficient
- Robust cast iron frame construction
- Bidirectional fan

Applications
- Pumps
- Fans
- Compressors
- Petrochemical
- Oil & Gas
- Paper mills
- Water and waste water

SD100, Foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt									
1	3600	143T	**1LE23211AA114AA3**	1,148	14.20	74	82.5	230/460	1.4
	1800	143T	**1LE23211AB214AA3**	1,074	14.20	77	85.5	230/460	1.4
	1200	145T	**1LE23211AC314AA3**	1,326	14.20	77	82.5	230/460	1.6
	900	182T	**1LE23211CD114AA3**	1,800	16.40	105	81.5	230/460	2.1
1 1/2	3600	143T	**1LE23211AA214AA3**	1,148	14.20	74	84.0	230/460	2.0
	1800	145T	**1LE23211AB314AA3**	1,190	14.20	79	86.5	230/460	2.1
	1200	182T	**1LE23211CC114AA3**	1,494	16.40	116	87.5	230/460	2.4
	900	184T	**1LE23211CD314AA3**	2,028	16.40	118	82.5	230/460	3.0
2	3600	145T	**1LE23211AA314AA3**	1,372	14.20	72	85.5	230/460	2.5
	1800	145T	**1LE23211AB414AA3**	1,310	14.20	79	86.5	230/460	2.8
	1200	184T	**1LE23211CC314AA3**	1,670	16.40	125	88.5	230/460	3.2
	900	213T	**1LE23212AD114AA3**	2,350	20.20	143	84.0	230/460	3.3
3	3600	182T	**1LE23211CA114AA3**	1,542	16.40	112	86.5	230/460	3.8
	1800	182T	**1LE23211CB114AA3**	1,452	16.40	121	89.5	230/460	4.0
	1200	213T	**1LE23212AC114AA3**	2,034	20.20	167	89.5	230/460	4.3
	900	215T	**1LE23212AD214AA3**	3,242	20.20	158	85.5	230/460	4.8
5	3600	184T	**1LE23211CA314AA3**	1,910	16.40	121	88.5	230/460	6.0
	1800	184T	**1LE23211CB314AA3**	1,696	16.40	125	89.5	230/460	6.5
	1200	215T	**1LE23212AC214AA3**	2,866	20.20	180	89.5	230/460	6.7
	900	254T	**1LE23212BD114AA3**	4,558	25.80	253	86.5	230/460	8.5
7 1/2	3600	213T	**1LE23212AA114AA3**	2,242	20.20	160	89.5	230/460	8.8
	1800	213T	**1LE23212AB114AA3**	2,234	20.20	187	91.7	230/460	9.7
	1200	254T	**1LE23212BC114AA3**	3,704	25.80	303	91.0	230/460	10.0
	900	256T	**1LE23212BD214AA3**	5,260	25.80	279	87.5	230/460	13.0
10	3600	215T	**1LE23212AA214AA3**	2,698	20.20	182	90.2	230/460	11.5
	1800	215T	**1LE23212AB214AA3**	2,774	20.20	189	91.7	230/460	12.5

Cast iron frame

SD100, Foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt									
10	1200	256T	**1LE23212BC214AA3**	4,656	25.80	275	91.0	230/460	13.5
	900	284T	**1LE23212CD116AA3**	7,022	29.40	371	90.2	230/460	17.0
15	3600	254T	**1LE23212BA114AA3**	3,706	25.80	286	91.0	230/460	17.5
	1800	254T	**1LE23212BB114AA3**	3,652	25.80	288	92.4	230/460	19.0
	1200	284T	**1LE23212CC116AA3**	5,908	29.40	409	91.7	230/460	21.0
	900	286T	**1LE23212CD216AA3**	9,138	29.40	429	90.2	230/460	26.0
20	3600	256T	**1LE23212BA214AA3**	4,588	25.80	325	91.0	230/460	22.5
	1800	256T	**1LE23212BB214AA3**	4,548	25.80	321	93.0	230/460	25.0
	1200	286T	**1LE23212CC216AA3**	7,196	29.40	464	91.7	230/460	27.0
	900	324T	**1LE23213AD116AA3**	11,170	32.10	565	91.0	230/460	31.0
25	3600	284TS	**1LE23212DA116AA3**	5,404	28.00	407	91.7	460	29.0
	1800	284T	**1LE23212CB116AA3**	5,174	29.40	444	93.6	230/460	30.0
	1200	324T	**1LE23213AC116AA3**	8,470	32.10	638	93.0	460	33.0
30	3600	286TS	**1LE23212DA216AA3**	6,310	28.00	429	91.7	460	34.0
	1800	286T	**1LE23212CB216AA3**	6,020	29.40	468	93.6	230/460	35.0
	1200	326T	**1LE23213AC216AA3**	10,034	32.10	653	93.0	460	39.0
40	3600	324TS	**1LE23213BA116AA3**	8,326	30.60	563	93.6	460	45.0
	1800	324T	**1LE23213AB116AA3**	7,996	32.10	664	94.1	230/460	46.0
	1200	364T	**1LE23213CC116AA3**	13,606	35.50	860	94.1	460	49.0
50	3600	326TS	**1LE23213BA216AA3**	10,768	30.60	596	93.6	460	55.0
	1800	326T	**1LE23213AB216AA3**	9,820	32.10	699	94.5	230/460	58.0
	1200	365T	**1LE23213CC216AA3**	15,620	35.50	893	94.1	460	62.0
60	3600	364TS	**1LE23213DA116AA3**	14,166	33.40	739	93.6	460	68.0
	1800	364T	**1LE23213CB116AA3**	14,086	35.50	930	95.0	230/460	68.0
	1200	404T	**1LE23214AC116AA3**	18,300	39.40	1097	94.5	460	74.0
75	3600	365TS	**1LE23213DA216AA3**	17,788	33.40	814	94.1	460	86.0
	1800	365T	**1LE23213CB216AA3**	17,856	35.50	998	95.4	230/460	85.0
	1200	405T	**1LE23214AC216AA3**	21,544	39.40	1183	94.5	460	93.0
100	3600	405TS	**1LE23214BA216AA3**	23,838	36.40	1115	94.1	460	108.0
	1800	405T	**1LE23214AB216AA3**	22,064	39.40	1137	95.4	460	113.0
460 volt									
25	3600	284TS	**1LE23212DA112AA3**	5,404	28.00	407	91.7	460	29.0
	1800	284T	**1LE23212CB112AA3**	5,174	29.40	444	93.6	460	30.0
		284TS	**1LE23212DB112AA3**	5,174	28.00	444	93.6	460	30.0
	1200	324T	**1LE23213AC112AA3**	8,470	32.10	633	93.0	460	33.0
	900	326T	**1LE23213AD212AA3**	12,974	32.10	598	90.2	460	40.0
30	3600	286TS	**1LE23212DA212AA3**	6,310	28.00	429	91.7	460	34.0
	1800	286T	**1LE23212CB212AA3**	6,020	29.40	468	93.6	460	35.0
		286TS	**1LE23212DB212AA3**	6,020	28.00	464	93.6	460	35.0
	1200	326T	**1LE23213AC212AA3**	10,034	32.10	653	93.0	460	39.0
	900	364T	**1LE23213CD112AA3**	15,352	35.50	798	91.7	460	41.0
40	3600	324TS	**1LE23213BA112AA3**	8,326	30.60	563	93.6	460	45.0
	1800	324T	**1LE23213AB112AA3**	7,996	32.10	664	94.1	460	46.0
		324TS	**1LE23213BB112AA3**	7,996	30.60	664	94.1	460	46.0
	1200	364T	**1LE23213CC112AA3**	13,606	35.50	853	94.1	460	49.0
	900	365T	**1LE23213CD212AA3**	18,566	35.50	888	91.7	460	55.0
50	3600	326TS	**1LE23213BA212AA3**	10,768	30.60	596	93.6	460	55.0

Cast iron frame

SD100, Foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
50	1800	326T	**1LE23213AB212AA3**	9,820	32.10	699	94.5	460	58.0
		326TS	**1LE23213BB212AA3**	9,820	30.60	699	94.5	460	58.0
	1200	365T	**1LE23213CC212AA3**	15,620	35.50	893	94.1	460	62.0
	900	404T	**1LE23214AD112AA3**	22,182	39.40	1122	92.4	460	67.0
60	3600	364TS	**1LE23213DA112AA3**	14,166	33.40	814	93.6	460	68.0
	1800	364T	**1LE23213CB112AA3**	14,086	35.50	930	95.0	460	68.0
		364TS	**1LE23213DB112AA3**	14,086	33.40	928	95.0	460	68.0
	1200	404T	**1LE23214AC112AA3**	18,300	39.40	1097	94.5	460	74.0
	900	405T	**1LE23214AD212AA3**	25,336	39.40	1199	92.4	460	78.0
75	3600	365TS	**1LE23213DA212AA3**	17,788	33.40	814	94.1	460	86.0
	1800	365T	**1LE23213CB212AA3**	17,856	35.50	998	95.4	460	85.0
		365TS	**1LE23213DB212AA3**	17,856	33.40	998	95.4	460	85.0
	1200	405T	**1LE23214AC212AA3**	21,544	39.40	1183	94.5	460	93.0
100	3600	405TS	**1LE23214BA212AA3**	23,838	36.40	1115	94.1	460	108.0
	1800	405T	**1LE23214AB212AA3**	22,064	39.40	1137	95.4	460	113.0
		405TS	**1LE23214BB212AA3**	22,064	36.40	1157	95.4	460	113.0
575 volt									
1	3600	143T	**1LE23211AA113AA3**	1,148	14.20	74	82.5	575	1.1
	1800	143T	**1LE23211AB213AA3**	1,074	14.20	77	85.5	575	1.1
	1200	145T	**1LE23211AC313AA3**	1,326	14.20	77	82.5	575	1.3
	900	182T	**1LE23211CD113AA3**	1,800	16.40	105	81.5	575	1.7
1 1/2	3600	143T	**1LE23211AA213AA3**	1,148	14.20	74	84.0	575	1.6
	1800	145T	**1LE23211AB313AA3**	1,190	14.20	79	86.5	575	1.7
	1200	182T	**1LE23211CC113AA3**	1,494	16.40	116	87.5	575	1.9
	900	184T	**1LE23211CD313AA3**	2,028	16.40	118	82.5	575	2.4
2	3600	145T	**1LE23211AA313AA3**	1,372	14.20	72	85.5	575	2.0
	1800	145T	**1LE23211AB413AA3**	1,310	14.20	79	86.5	575	2.2
	1200	184T	**1LE23211CC313AA3**	1,670	16.40	125	88.5	575	2.6
	900	213T	**1LE23212AD113AA3**	2,350	20.20	143	84.0	575	2.6
3	3600	182T	**1LE23211CA113AA3**	1,542	16.40	112	86.5	575	3.0
	1800	182T	**1LE23211CB113AA3**	1,452	16.40	121	89.5	575	3.2
	1200	213T	**1LE23212AC113AA3**	2,034	20.20	167	89.5	575	3.4
	900	215T	**1LE23212AD213AA3**	3,242	20.20	158	85.5	575	3.8
5	3600	184T	**1LE23211CA313AA3**	1,910	16.40	121	88.5	575	4.8
	1800	184T	**1LE23211CB313AA3**	1,696	16.40	125	89.5	575	5.2
	1200	215T	**1LE23212AC213AA3**	2,866	20.20	180	89.5	575	5.4
	900	254T	**1LE23212BD113AA3**	4,558	25.80	246	86.5	575	6.8
7 1/2	3600	213T	**1LE23212AA113AA3**	2,242	20.20	160	89.5	575	7.0
	1800	213T	**1LE23212AB113AA3**	2,234	20.20	187	91.7	575	7.8
	1200	254T	**1LE23212BC113AA3**	3,704	25.80	303	91.0	575	8.0
	900	256T	**1LE23212BD213AA3**	5,260	25.80	279	87.5	575	10.4
10	3600	215T	**1LE23212AA213AA3**	2,698	20.20	182	90.2	575	9.2
	1800	215T	**1LE23212AB213AA3**	2,774	20.20	189	91.7	575	10.0
	1200	256T	**1LE23212BC213AA3**	4,656	25.80	277	91.0	575	10.8
	900	284T	**1LE23212CD113AA3**	7,022	29.40	371	90.2	575	13.6
15	3600	254T	**1LE23212BA113AA3**	3,706	25.80	286	91.0	575	14.0
	1800	254T	**1LE23212BB113AA3**	3,652	25.80	288	92.4	575	15.2

Cast iron frame

SD100, Foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
575 volt									
15	1200	284T	**1LE23212CC113AA3**	5,908	29.40	409	91.7	575	16.8
	900	286T	**1LE23212CD213AA3**	9,138	29.40	455	90.2	575	21.0
20	3600	256T	**1LE23212BA213AA3**	4,588	25.80	325	91.0	575	18.0
	1800	256T	**1LE23212BB213AA3**	4,548	25.80	321	93.0	575	20.0
	1200	286T	**1LE23212CC213AA3**	7,196	29.40	464	91.7	575	21.6
	900	324T	**1LE23213AD113AA3**	11,170	32.10	565	91.0	575	25.0
25	3600	284TS	**1LE23212DA113AA3**	5,404	28.00	407	91.7	575	23.2
	1800	284T	**1LE23212CB113AA3**	5,174	29.40	444	93.6	575	24.0
		284TS	**1LE23212DB113AA3**	5,174	28.00	444	93.6	575	24.0
	1200	324T	**1LE23213AC113AA3**	8,470	32.10	633	93.0	575	26.4
	900	326T	**1LE23213AD213AA3**	12,974	32.10	580	90.2	575	32.0
30	3600	286TS	**1LE23212DA213AA3**	6,310	28.00	429	91.7	575	27.2
	1800	286T	**1LE23212CB213AA3**	6,020	29.40	468	93.6	575	28.0
		286TS	**1LE23212DB213AA3**	6,020	28.00	464	93.6	575	28.0
	1200	326T	**1LE23213AC213AA3**	10,034	32.10	653	93.0	575	31.2
	900	364T	**1LE23213CD113AA3**	15,352	35.50	1760	91.7	575	33.0
40	3600	324TS	**1LE23213BA113AA3**	8,326	30.60	563	93.6	575	36.0
	1800	324T	**1LE23213AB113AA3**	7,996	32.10	664	94.1	575	36.8
		324TS	**1LE23213BB113AA3**	7,996	30.60	664	94.1	575	36.8
	1200	364T	**1LE23213CC113AA3**	13,606	35.50	853	94.1	575	39.2
	900	365T	**1LE23213CD213AA3**	18,566	35.50	888	91.7	575	44.0
50	3600	326TS	**1LE23213BA213AA3**	10,768	30.60	596	93.6	575	44.0
	1800	326T	**1LE23213AB213AA3**	9,820	32.10	699	94.5	575	46.4
		326TS	**1LE23213BB213AA3**	9,820	30.60	699	94.5	575	46.4
	1200	365T	**1LE23213CC213AA3**	15,620	35.50	893	94.1	575	49.6
	900	404T	**1LE23214AD113AA3**	22,182	39.40	1122	92.4	575	53.6
60	3600	364TS	**1LE23213DA113AA3**	14,166	33.40	723	93.6	575	54.4
	1800	364T	**1LE23213CB113AA3**	14,086	35.50	930	95.0	575	54.4
		364TS	**1LE23213DB113AA3**	14,086	33.40	928	95.0	575	54.4
	1200	404T	**1LE23214AC113AA3**	18,300	39.40	1097	94.5	575	59.2
	900	405T	**1LE23214AD213AA3**	25,336	39.40	2860	92.4	575	62.4
75	3600	365TS	**1LE23213DA213AA3**	17,788	33.40	814	94.1	575	68.8
	1800	365T	**1LE23213CB213AA3**	17,856	35.50	998	95.4	575	68.0
		365TS	**1LE23213DB213AA3**	17,856	33.40	998	95.4	575	68.0
	1200	405T	**1LE23214AC213AA3**	21,544	39.40	1183	94.5	575	74.4
100	3600	405TS	**1LE23214BA213AA3**	23,838	36.40	1115	94.1	575	86.4
	1800	405T	**1LE23214AB213AA3**	22,064	39.40	1137	95.4	575	90.4
		405TS	**1LE23214BB213AA3**	22,064	36.40	1157	95.4	575	90.4

Cast iron frame

SD100, C-face foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt									
	3600	143TC	**1LE23211AA114EA3**	1,180	14.20	74	82.5	230/460	1.4
1	1800	143TC	**1LE23211AB214EA3**	1,110	14.20	77	85.5	230/460	1.4
	1200	145TC	**1LE23211AC316EA3**	1,538	14.20	77	82.5	230/460	1.6
	3600	143TC	**1LE23211AA214EA3**	1,180	14.20	74	84.0	230/460	2.0
1 1/2	1800	145TC	**1LE23211AB314EA3**	1,230	14.20	79	86.5	230/460	2.1
	1200	182TC	**1LE23211CC114EA3**	1,530	16.40	116	87.5	230/460	2.4
	3600	145TC	**1LE23211AA314EA3**	1,584	14.20	74	85.5	230/460	2.5
2	1800	145TC	**1LE23211AB414EA3**	1,360	14.20	79	86.5	230/460	2.8
	1200	184TC	**1LE23211CC314EA3**	1,700	16.40	125	88.5	230/460	3.2
	3600	182TC	**1LE23211CA114EA3**	1,590	16.40	112	86.5	230/460	3.8
3	1800	182TC	**1LE23211CB114EA3**	1,490	16.40	123	89.5	230/460	4.0
	1200	213TC	**1LE23212AC114EA3**	2,070	20.20	167	89.5	230/460	4.3
	3600	184TC	**1LE23211CA314EA3**	1,960	16.40	121	88.5	230/460	6.0
5	1800	184TC	**1LE23211CB314EA3**	1,920	16.40	125	89.5	230/460	6.5
	1200	215TC	**1LE23212AC214EA3**	2,910	20.20	180	89.5	230/460	6.7
	3600	213TC	**1LE23212AA114EA3**	2,290	20.20	160	89.5	230/460	8.8
7 1/2	1800	213TC	**1LE23212AB114EA3**	2,280	20.20	191	91.7	230/460	9.7
	1200	254TC	**1LE23212BC114EA3**	3,800	25.80	308	91.0	230/460	10.0
	3600	215TC	**1LE23212AA214EA3**	2,750	20.20	180	90.2	230/460	11.5
10	1800	215TC	**1LE23212AB214EA3**	2,830	20.20	198	91.7	230/460	12.5
	1200	256TC	**1LE23212BC214EA3**	4,770	25.80	308	91.0	230/460	13.5
15	3600	254TC	**1LE23212BA114EA3**	3,810	25.80	297	91.0	230/460	17.5
	1800	254TC	**1LE23212BB114EA3**	3,780	25.80	290	92.4	230/460	19.0
	3600	256TC	**1LE23212BA214EA3**	4,690	25.80	330	91.0	230/460	22.5
20	1800	256TC	**1LE23212BB214EA3**	4,670	25.80	332	93.0	230/460	25.0
	1200	286TC	**1LE23212CC216EA3**	7,330	29.40	464	91.7	230/460	27.0
	3600	284TS	**1LE23212DA116EA3**	7,144	28.00	407	91.7	460	29.0
25	1800	284TC	**1LE23212CB116EA3**	5,230	29.40	444	93.6	230/460	30.0
	1200	324TC	**1LE23213AC116EA3**	10,352	32.10	638	93.0	230/460	33.0
	3600	286TSC	**1LE23212DA216EA3**	8,050	28.00	429	91.7	460	34.0
30	1800	286TC	**1LE23212CB216EA3**	6,150	29.40	477	93.6	230/460	35.0
	1200	326TC	**1LE23213AC216EA3**	11,916	32.10	653	93.0	230/460	39.0
	3600	324TSC	**1LE23213BA116EA3**	10,208	30.60	563	93.6	230/460	45.0
40	1800	324TC	**1LE23213AB116EA3**	8,270	32.10	640	94.1	230/460	46.0
	1200	364TC	**1LE23213CC116EA3**	15,638	35.50	860	94.1	230/460	49.0
	3600	326TSC	**1LE23213BA216EA3**	12,650	30.60	596	93.6	230/460	55.0
50	1800	326TC	**1LE23213AB216EA3**	10,080	32.10	664	94.5	230/460	58.0
	1200	365TC	**1LE23213CC216EA3**	17,652	35.50	893	94.1	230/460	62.0
60	3600	364TSC	**1LE23213DA116EA3**	16,198	33.40	739	93.6	230/460	68.0
	1800	364TC	**1LE23213CB116EA3**	14,210	35.50	933	95.0	230/460	68.0
75	3600	365TSC	**1LE23213DA216EA3**	19,820	33.40	814	94.1	230/460	86.0

Cast iron frame

SD100, C-face foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt									
75	1800	365TC	**1LE23213CB216EA3**	18,000	35.50	999	95.4	230/460	85.0
100	3600	405TSC	**1LE23214BA216EA3**	26,360		1115	94.1	230/460	108.0
460 volt									
25	3600	284TSC	**1LE23212DA112EA3**	5,620	28.00	470	91.7	460	29.0
	1200	324TC	**1LE23213AC112EA3**	8,690	32.10	654	93.0	460	33.0
30	3600	286TSC	**1LE23212DA212EA3**	6,560	28.00	429	91.7	460	34.0
	1200	326TC	**1LE23213AC212EA3**	10,280	32.10	653	93.0	460	39.0
40	3600	324TSC	**1LE23213BA112EA3**	8,380	30.60	563	93.6	460	45.0
	1200	364TC	**1LE23213CC112EA3**	13,690	35.50	875	94.1	460	49.0
50	3600	326TSC	**1LE23213BA212EA3**	10,970	30.60	596	93.6	460	55.0
	1200	365TC	**1LE23213CC212EA3**	15,750	35.50	919	94.1	460	62.0
60	3600	364TSC	**1LE23213DA112EA3**	15,080	33.40	778	93.6	460	68.0
75	3600	365TSC	**1LE23213DA212EA3**	18,040	33.40	814	94.1	460	86.0
100	3600	405TSC	**1LE23214BA212EA3**	24,990	36.40	1115	94.1	460	108.0
	1800	405TC	**1LE23214AB212EA3**	24,586	39.40	1139	95.4	460	113.0
575 volt									
1	3600	143TC	**1LE23211AA113EA3**	1,180	14.20	74	82.5	575	1.1
	1800	143TC	**1LE23211AB213EA3**	1,110	14.20	77	85.5	575	1.1
	1200	145TC	**1LE23211AC313EA3**	1,350	14.20	77	82.5	575	1.3
1 1/2	3600	143TC	**1LE23211AA213EA3**	1,180	14.20	74	84.0	575	1.6
	1800	145TC	**1LE23211AB313EA3**	1,230	14.20	83	86.5	575	1.7
	1200	182TC	**1LE23211CC113EA3**	1,530	16.40	116	87.5	575	1.9
2	3600	145TC	**1LE23211AA313EA3**	1,584	14.20	72	85.5	575	2.0
	1800	145TC	**1LE23211AB413EA3**	1,360	14.20	79	86.5	575	2.2
	1200	184TC	**1LE23211CC313EA3**	1,700	16.40	132	88.5	575	2.6
3	3600	182TC	**1LE23211CA113EA3**	1,590	16.40	134	86.5	575	3.0
	1800	182TC	**1LE23211CB113EA3**	1,490	16.40	121	89.5	575	3.2
	1200	213TC	**1LE23212AC113EA3**	2,070	20.20	167	89.5	575	3.4
5	3600	184TC	**1LE23211CA313EA3**	1,960	16.40	121	88.5	575	4.8
	1800	184TC	**1LE23211CB313EA3**	1,920	16.40	125	89.5	575	5.2
	1200	215TC	**1LE23212AC213EA3**	2,910	20.20	180	89.5	575	5.4
7 1/2	3600	213TC	**1LE23212AA113EA3**	2,290	20.20	160	89.5	575	7.0
	1800	213TC	**1LE23212AB113EA3**	2,280	20.20	187	91.7	575	7.8
	1200	254TC	**1LE23212BC113EA3**	3,800	25.80	303	91.0	575	8.0
10	3600	215TC	**1LE23212AA213EA3**	2,750	20.20	180	90.2	575	9.2
	1800	215TC	**1LE23212AB213EA3**	2,830	20.20	189	91.7	575	10.0
	1200	256TC	**1LE23212BC213EA3**	4,770	25.80	257	91.0	575	10.8
15	3600	254TC	**1LE23212BA113EA3**	3,810	25.80	275	91.0	575	14.0
	1800	254TC	**1LE23212BB113EA3**	3,780	25.80	288	92.4	575	15.2
20	3600	256TC	**1LE23212BA213EA3**	4,690	25.80	325	91.0	575	18.0
	1800	256TC	**1LE23212BB213EA3**	4,670	25.80	319	93.0	575	20.0
	1200	286TC	**1LE23212CC213EA3**	7,330	29.40	464	91.7	575	21.6
25	3600	284TSC	**1LE23212DA113EA3**	5,620	28.00	413	91.7	575	23.2
	1800	284TC	**1LE23212CB113EA3**	5,230	29.40	444	93.6	575	24.0
	1200	324TC	**1LE23213AC113EA3**	8,690	32.10	638	93.0	575	26.4
30	3600	286TSC	**1LE23212DA213EA3**	6,560	28.00	429	91.7	575	27.2

Cast iron frame

SD100, C-face foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
575 volt									
30	1800	286TC	**1LE23212CB213EA3**	6,150	29.40	468	93.6	575	28.0
	1200	326TC	**1LE23213AC213EA3**	10,280	32.10	653	93.0	575	31.2
40	3600	324TSC	**1LE23213BA113EA3**	8,380	30.60	563	93.6	575	36.0
	1800	324TC	**1LE23213AB113EA3**	8,270	32.10	664	94.1	575	36.8
	1200	364TC	**1LE23213CC113EA3**	13,690	35.50	853	94.1	575	39.2
50	3600	326TSC	**1LE23213BA213EA3**	10,970	30.60	596	93.6	575	44.0
	1800	326TC	**1LE23213AB213EA3**	10,080	32.10	699	94.5	575	46.4
	1200	365TC	**1LE23213CC213EA3**	15,750	35.50	882	94.1	575	49.6
60	3600	364TSC	**1LE23213DA113EA3**	15,080	33.40	739	93.6	575	54.4
	1800	364TC	**1LE23213CB113EA3**	14,210	35.50	930	95.0	575	54.4
75	3600	365TSC	**1LE23213DA213EA3**	18,040	33.40	816	94.1	575	68.8

Cast iron frame

SD100 C-face footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt									
1	3600	143TC	**1LE23211AA114GA3**	1,328	14.20	74	82.5	230/460	1.4
	1800	143TC	**1LE23211AB214GA3**	1,254	14.20	77	85.5	230/460	1.4
	1200	145TC	**1LE23211AC314GA3**	1,506	14.20	77	82.5	230/460	1.6
	900	182TC	**1LE23211CD114GA3**	2,064	16.40	105	81.5	230/460	2.1
1 1/2	3600	143TC	**1LE23211AA214GA3**	1,328	14.20	74	84.0	230/460	2.0
	1800	145TC	**1LE23211AB314GA3**	1,370	14.20	79	86.5	230/460	2.1
	1200	182TC	**1LE23211CC114GA3**	1,758	16.40	116	87.5	230/460	2.4
	900	184TC	**1LE23211CD314GA3**	2,292	16.40	118	82.5	230/460	3.0
2	3600	145TC	**1LE23211AA314GA3**	1,552	14.20	74	85.5	230/460	2.5
	1800	145TC	**1LE23211AB414GA3**	1,490	14.20	79	86.5	230/460	2.8
	1200	184TC	**1LE23211CC314GA3**	1,934	16.40	125	88.5	230/460	3.2
	900	213TC	**1LE23212AD114GA3**	2,614	20.20	143	84.0	230/460	3.3
3	3600	182TC	**1LE23211CA114GA3**	1,806	16.40	112	86.5	230/460	3.8
	1800	182TC	**1LE23211CB114GA3**	1,716	16.40	123	89.5	230/460	4.0
	1200	213TC	**1LE23212AC114GA3**	2,298	20.20	167	89.5	230/460	4.3
	900	215TC	**1LE23212AD214GA3**	3,506	20.20	158	85.5	230/460	4.8
5	3600	184TC	**1LE23211CA314GA3**	2,174	16.40	121	88.5	230/460	6.0
	1800	184TC	**1LE23211CB314GA3**	1,960	16.40	125	89.5	230/460	6.5
	1200	215TC	**1LE23212AC214GA3**	3,130	20.20	180	89.5	230/460	6.7
	900	254TC	**1LE23212BD114GA3**	4,918	25.80	246	86.5	230/460	8.5
7 1/2	3600	213TC	**1LE23212AA114GA3**	2,506	20.20	160	89.5	230/460	8.8
	1800	213TC	**1LE23212AB114GA3**	2,498	20.20	191	91.7	230/460	9.7
	1200	254TC	**1LE23212BC114GA3**	4,064	25.80	308	91.0	230/460	10.0
	900	256TC	**1LE23212BD214GA3**	5,620	25.80	279	87.5	230/460	13.0
10	3600	215TC	**1LE23212AA214GA3**	2,962	20.20	180	90.2	230/460	11.5
	1800	215TC	**1LE23212AB214GA3**	3,038	20.20	198	91.7	230/460	12.5
	1200	256TC	**1LE23212BC214GA3**	5,016	25.80	308	91.0	230/460	13.5
15	3600	254TC	**1LE23212BA114GA3**	4,066	25.80	297	91.0	230/460	17.5
	1800	254TC	**1LE23212BB114GA3**	4,012	25.80	290	92.4	230/460	19.0
		254TC	**1LE23212BB116GA3**	4,012	25.80	288	92.4	230/460	19.0
20	3600	256TC	**1LE23212BA214GA3**	4,948	25.80	330	91.0	230/460	22.5
	1800	256TC	**1LE23212BB214GA3**	4,908	25.80	332	93.0	230/460	25.0
	1200	286TC	**1LE23212CC216GA3**	9,074	29.40	484	91.7	230/460	27.0
25	3600	284TS	**1LE23212DA116GA3**	7,282	28.00	407	91.7	460	29.0
	1800	284TC	**1LE23212CB116GA3**	7,052	29.40	444	93.6	230/460	30.0
	1200	324TC	**1LE23213AC116GA3**	10,528	32.10	638	93.0	230/460	33.0
30	3600	286TS	**1LE23212DA216GA3**	8,188	28.00	429	91.7	460	34.0
	1800	286TC	**1LE23212CB216GA3**	7,898	29.40	468	93.6	230/460	35.0
575 volt									
1	3600	143TC	**1LE23211AA113GA3**	1,328	14.20	74	82.5	575	1.1
	1800	143TC	**1LE23211AB213GA3**	1,254	14.20	77	85.5	575	1.1

Cast iron frame

SD100 C-face footless

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
575 volt									
1	900	182TC	**1LE23211CD113GA3**	2,064	16.40	234	81.5	575	1.7
1 1/2	3600	143TC	**1LE23211AA213GA3**	1,328	14.20	74	84.0	575	1.6
	1800	145TC	**1LE23211AB313GA3**	1,370	14.20	79	86.5	575	1.7
	900	184TC	**1LE23211CD313GA3**	2,292	16.40	118	82.5	575	2.4
2	3600	145TC	**1LE23211AA313GA3**	1,552	14.20	74	85.5	575	2.0
	1800	145TC	**1LE23211AB413GA3**	1,490	14.20	79	86.5	575	2.2
	900	213TC	**1LE23212AD113GA3**	2,614	20.20	315	84.0	575	2.6
3	3600	182TC	**1LE23211CA113GA3**	1,806	16.40	112	86.5	575	3.0
	1800	182TC	**1LE23211CB113GA3**	1,716	16.40	123	89.5	575	3.2
	900	215TC	**1LE23212AD213GA3**	3,506	20.20	158	85.5	575	3.8
5	3600	184TC	**1LE23211CA313GA3**	2,174	16.40	121	88.5	575	4.8
	1800	184TC	**1LE23211CB313GA3**	1,960	16.40	125	89.5	575	5.2
	900	254TC	**1LE23212BD113GA3**	4,918	25.80	246	86.5	575	6.8
7 1/2	3600	213TC	**1LE23212AA113GA3**	2,506	20.20	160	89.5	575	7.0
	1800	213TC	**1LE23212AB113GA3**	2,498	20.20	191	91.7	575	7.8
	900	256TC	**1LE23212BD213GA3**	5,620	25.80	614	87.5	575	10.4
10	3600	215TC	**1LE23212AA213GA3**	2,962	20.20	180	90.2	575	9.2
	1800	215TC	**1LE23212AB213GA3**	3,038	20.20	198	91.7	575	10.0
15	3600	254TC	**1LE23212BA113GA3**	4,066	25.80	632	91.0	575	14.0
	1800	254TC	**1LE23212BB113GA3**	4,012	25.80	290	92.4	575	15.2
20	3600	256TC	**1LE23212BA213GA3**	4,948	25.80	710	91.0	575	18.0
	1800	256TC	**1LE23212BB213GA3**	4,908	25.80	303	93.0	575	20.0

Cast iron frame

SD100 Low Maintenance, foot mounted

Grease for life bearings.



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt									
1	1800	143T	**1LE23231AB216AA3**	1,110	14.20	77	85.5	230/460	1.4
	1200	145T	**1LE23231AC316AA3**	1,370	14.20	35	82.5	230/460	1.6
1 1/2	1800	145T	**1LE23231AB316AA3**	1,230	14.20	79	86.5	230/460	2.1
2	1800	145T	**1LE23231AB416AA3**	1,350	14.20	79	86.5	230/460	2.8
	1200	184T	**1LE23231CC316AA3**	1,720	16.40	125	88.5	230/460	3.2
3	1800	182T	**1LE23231CB116AA3**	1,500	16.40	121	89.5	230/460	4.0
		182TC	**1LE23231CB116GA3**	1,764	16.40	121	89.5	230/460	4.0
5	1800	184T	**1LE23231CB316AA3**	1,750	16.40	125	89.5	230/460	6.5
	1200	215T	**1LE23232AC216AA3**	2,950	20.20	180	89.5	230/460	6.7
7 1/2	1800	213T	**1LE23232AB116AA3**	2,300	20.20	187	91.7	230/460	9.7
	1200	254T	**1LE23232BC116AA3**	3,820	25.80	303	91.0	230/460	10.0
10	1800	215T	**1LE23232AB216AA3**	2,860	20.20	189	91.7	230/460	12.5
		215TC	**1LE23232AB216EA3**	2,860	20.20	198	91.7	230/460	12.5
	1200	256T	**1LE23232BC216AA3**	4,800	25.80	286	91.0	230/460	13.5
15	1800	254T	**1LE23232BB116AA3**	3,760	25.80	288	92.4	230/460	19.0
	1200	284T	**1LE23232CC116AA3**	6,090	29.40	409	91.7	230/460	21.0
20	1800	256T	**1LE23232BB216AA3**	4,680	25.80	321	93.0	230/460	25.0
25	1800	284T	**1LE23232CB116AA3**	5,330	29.40	444	93.6	230/460	30.0
30	1800	286T	**1LE23232CB216AA3**	6,200	29.40	464	93.6	230/460	35.0
40	1800	324T	**1LE23233AB116AA3**	8,240	32.10	664	94.1	230/460	46.0
50	1800	326T	**1LE23233AB216AA3**	10,110	32.10	697	94.5	230/460	58.0
60	1800	364T	**1LE23233CB116AA3**	14,510	35.50	928	95.0	230/460	68.0
75	1800	365T	**1LE23233CB216AA3**	18,390	35.50	998	95.4	230/460	85.0

Cast iron frame

SD200
75 thru 800 Hp

IP55

Features
- Full Class H insulation system, Class B temp rise
- Inverter Duty nameplate
- Flexible centered and top mounting box
- NEMA Premium as standard; NEMA Premium 4 optional
- Bidirectional fan
- Division 2, Class I, Groups A,B,C and D
- Division 2, Class II, Groups F&G

Applications
- Pumps
- Fans
- Compressors
- Petrochemical
- Oil & Gas
- Paper mills
- Water and waste water

SD200, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
75	900	444T	**1LE63214BD112AA1**	34,060	43.60	1409	93.6	460	105.0
		444TS	**1LE63214FD112AA1**	34,060	39.81	1409	93.6	460	105.0
		R444T	**1LE63214SD112AA1**	35,300	43.60	1419	93.6	460	105.0
100	1200	444T	**1LE63214BC112AA1**	30,040	43.60	1463	95.0	460	128.0
		444TS	**1LE63214FC112AA1**	30,040	39.81	1403	95.0	460	128.0
		R444T	**1LE63214SC112AA1**	31,280	43.60	1465	95.0	460	128.0
	900	445T	**1LE63214BD212AA1**	42,100	43.60	1491	93.6	460	137.0
		445TS	**1LE63214FD212AA1**	42,100	39.81	3261	93.6	460	137.0
		R445T	**1LE63214SD212AA1**	43,340	43.60	1501	93.6	460	137.0
125	3600	444TS	**1LE63214FA112AA1**	31,460	39.81	1524	95.4	460	145.0
	1800	444T	**1LE63214BB112AA1**	29,320	43.60	1544	95.4	460	154.0
		444TS	**1LE63214FB112AA1**	29,320	39.81	1511	95.4	460	154.0
		R444T	**1LE63214SB112AA1**	30,560	43.60	1544	95.4	460	154.0
	1200	445T	**1LE63214BC212AA1**	36,880	43.60	1575	95.0	460	155.0
		445TS	**1LE63214FC212AA1**	36,880	39.81	1533	95.0	460	155.0
		R445T	**1LE63214SC212AA1**	38,120	43.60	1551	95.0	460	155.0
	900	447T	**1LE63214CD112AA1**	44,660	47.03	1716	94.1	460	165.0
		447TS	**1LE63214GD112AA1**	44,660	43.28	2821	94.1	460	165.0
		R447T	**1LE63214TD112AA1**	45,920	47.03	1729	94.1	460	165.0
150	3600	445TS	**1LE63214FA212AA1**	37,800	39.81	1685	95.8	460	170.0
	1800	445T	**1LE63214BB212AA1**	34,100	43.60	1735	96.2	460	186.4
		445TS	**1LE63214FB212AA1**	34,100	39.81	1590	96.2	460	186.4
		R445T	**1LE63214SB212AA1**	35,320	43.60	1628	96.2	460	186.4
	1200	447T	**1LE63214CC112AA1**	41,260	47.03	1790	95.8	460	182.0

Cast iron frame

SD200, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
150	1200	447TS	**1LE63214GC112AA1**	41,260	43.28	1742	95.8	460	182.0
		R447T	**1LE63214TC112AA1**	42,500	47.03	1803	95.8	460	182.0
	900	449T	**1LE63214CD212AA1**	57,040	52.06	1962	94.1	460	205.0
		449TS	**1LE63214GD212AA1**	57,040	48.31	4308	94.1	460	205.0
		R449T	**1LE63214TD212AA1**	58,280	52.06	1964	94.1	460	205.0
200	3600	447TS	**1LE63214GA112AA1**	47,800	43.28	1839	96.2	460	225.0
	1800	447T	**1LE63214CB112AA1**	41,460	47.03	1832	96.2	460	247.0
		447TS	**1LE63214GB112AA1**	41,460	43.28	1808	96.2	460	247.0
		R447T	**1LE63214TB112AA1**	42,700	47.03	1856	96.2	460	247.0
	1200	449T	**1LE63214CC212AA1**	50,520	52.06	2120	95.8	460	243.0
		449TS	**1LE63214GC212AA1**	50,520	48.31	2070	95.8	460	243.0
		R449T	**1LE63214TC212AA1**	51,760	52.06	2134	95.8	460	243.0
	900	L449T	**1LE63214DD112AA1**	69,820	60.06	2571	94.5	460	261.0
		RL449T	**1LE63214UD112AA1**	71,060	60.06	2571	94.5	460	261.0
250	3600	449TS	**1LE63214GA212AA1**	60,300	48.31	2079	96.2	460	275.0
	1800	449T	**1LE63214CB212AA1**	52,020	52.06	2145	96.2	460	305.0
		449TS	**1LE63214GB212AA1**	52,020	48.31	2092	96.2	460	305.0
		R449T	**1LE63214TB212AA1**	53,260	52.06	2151	96.2	460	305.0
	1200	449T	**1LE63214CC312AA1**	54,960	52.06	2277	95.8	460	306.0
		449TS	**1LE63214GC312AA1**	54,960	48.31	2228	95.8	460	306.0
		R449T	**1LE63214TC312AA1**	56,200	52.06	2290	95.8	460	306.0
	900	L449T	**1LE63214DD212AA1**	82,500	60.06	2846	95.0	460	322.0
		L449TS	**1LE63214HD212AA1**	82,500	56.43	6277	95.0	460	322.0
300	3600	449TS	**1LE63214GA312AA1**	70,380	48.31	2189	95.8	460	330.0
	1800	449T	**1LE63214CB312AA1**	60,680	52.06	2244	96.2	460	365.0
		449TS	**1LE63214GB312AA1**	60,680	48.31	2197	96.2	460	365.0
		R449T	**1LE63214TB312AA1**	61,900	52.06	2239	96.2	460	365.0
	1200	L449T	**1LE63214DC112AA1**	68,800	60.06	2838	95.8	460	364.0
		L449TS	**1LE63214HC112AA1**	68,800	56.43	2838	95.8	460	364.0
		RL449T	**1LE63214UC112AA1**	70,020	60.06	2838	95.8	460	364.0
350	3600	L449TS	**1LE63214HA112AA1**	84,820	56.43	2673	96.2	460	380.0
	1800	L449T	**1LE63214DB112AA1**	78,780	60.06	2717	96.2	460	421.0
		L449TS	**1LE63214HB112AA1**	78,780	56.43	2567	96.2	460	421.0
		RL449T	**1LE63214UB112AA1**	80,020	60.06	2626	96.2	460	421.0
	1200	5010	**1LE63215AC212AA1**	113,380	73.10	4290	96.2	460	410.0
		5010S	**1LE63215EC212AA1**	109,520	68.88	5849	96.2	460	410.0
400	3600	509S	**1LE63215EA112AA1**	111,300	68.88	4290	96.5	460	430.0
		L449TS	**1LE63214HA212AA1**	105,780	56.43	2930	96.2	460	432.0
	1800	509	**1LE63215AB112AA1**	108,760	73.10	4195	96.5	460	460.0
		509S	**1LE63215EB112AA1**	108,760	68.88	2728	96.5	460	460.0
		L449T	**1LE63214DB212AA1**	98,280	60.06	2728	96.2	460	487.0
		L449TS	**1LE63214HB212AA1**	98,280	56.43	2679	96.2	460	487.0
		R509	**1LE63215RB112AA1**	111,260	73.10	4197	96.5	460	460.0
		RL449T	**1LE63214UB212AA1**	99,500	60.06	2728	96.2	460	487.0
	1200	5011	**1LE63215AC812AA1**	119,840	73.10	5396	96.2	460	470.0
		5011S	**1LE63215EC812AA1**	119,840	68.88	5849	96.2	460	470.0
450	3600	5010S	**1LE63215EA212AA1**	113,560	68.88	4043	96.5	460	480.0

Cast iron frame

SD200, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
450	1800	5010	**1LE63215AB212AA1**	112,240	73.10	4331	96.5	460	515.0
		5010S	**1LE63215EB212AA1**	112,240	68.88	5733	96.5	460	515.0
		R5010	**1LE63215RB212AA1**	114,740	73.10	4408	96.5	460	515.0
	1200	L5011	**1LE63215BC312AA1**	136,980	81.00	5396	96.2	460	525.0
		L5011S	**1LE63215FC312AA1**	127,340	76.75	5849	96.2	460	525.0
500	3600	5011S	**1LE63215EA812AA1**	115,060	68.88	4589	96.5	460	535.0
	1800	5011	**1LE63215AB812AA1**	113,920	73.10	4609	96.7	460	570.0
		5011S	**1LE63215EB812AA1**	113,920	68.88	5735	96.7	460	570.0
	1200	5012	**1LE63215BC512AA1**	145,200	81.00	5354	96.2	460	580.0
		5012S	**1LE63215FC512AA1**	141,340	76.75	5849	96.2	460	580.0
600	3600	5011S	**1LE63215EA012AA1**	128,400	68.88	5262	96.7	460	650.0
		5012S	**1LE63215FA512AA1**	140,920	76.75	4925	96.7	460	650.0
	1800	5012	**1LE63215BB512AA1**	141,480	81.00	5440	96.7	460	686.0
		5012S	**1LE63215FB512AA1**	141,480	76.75	5733	96.7	460	686.0
	1200	5013	**1LE63215BC712AA1**	158,340	81.00	5849	96.2	460	695.0
		5013S	**1LE63215FC712AA1**	158,340	76.75	5850	96.2	460	695.0
700	1800	5013	**1LE63215BB712AA1**	151,980	81.00	6047	96.7	460	830.0
		5013S	**1LE63215FB712AA1**	151,980	76.75	6047	96.7	460	830.0
800	1800	5013	**1LE63215BB812AA1**	158,340	81.00	5786	96.7	460	920.0
460 volt with stator RTDs									
600	3600	5011S	**1LE63215EA012AK1**	141,520	68.88	5286	96.7	460	650.0
		5012S	**1LE63215FA512AK1**	154,040	76.75	4925	96.7	460	650.0
	1800	5011	**1LE63215AB012AK1**	141,960	73.10	4670	96.7	460	686.0
		5012	**1LE63215BB512AK1**	154,600	81.00	5440	96.7	460	686.0
	1200	5013	**1LE63215BC712AK1**	171,460	81.00	5850	96.2	460	695.0
700	1800	5013	**1LE63215BB712AK1**	165,100	81.00	6047	96.7	460	830.0
575 volt									
75	900	444T	**1LE63214BD113AA1**	34,060	43.60	1471	93.6	575	84.0
		444TS	**1LE63214FD113AA1**	34,060	39.81	3085	93.6	575	84.0
		R444T	**1LE63214SD113AA1**	35,300	43.60	3135	93.6	575	84.0
100	1200	444T	**1LE63214BC113AA1**	30,040	43.60	1460	95.0	575	102.0
		444TS	**1LE63214FC113AA1**	30,040	39.81	3096	95.0	575	102.0
		R444T	**1LE63214SC113AA1**	31,280	43.60	1526	95.0	575	102.0
	900	445T	**1LE63214BD213AA1**	42,100	43.60	3289	93.6	575	109.6
		445TS	**1LE63214FD213AA1**	42,100	39.81	3261	93.6	575	109.6
		R445T	**1LE63214SD213AA1**	43,340	43.60	3316	93.6	575	109.6
125	3600	444TS	**1LE63214FA113AA1**	31,460	39.81	1524	95.4	575	116.0
	1800	444T	**1LE63214BB113AA1**	29,320	43.60	1544	95.4	575	123.2
		444TS	**1LE63214FB113AA1**	29,320	39.81	3157	95.4	575	123.2
		R444T	**1LE63214SB113AA1**	30,560	43.60	1544	95.4	575	123.2
	1200	445T	**1LE63214BC213AA1**	36,880	43.60	1575	95.0	575	124.0
		445TS	**1LE63214FC213AA1**	36,880	39.81	3289	95.0	575	124.0
		R445T	**1LE63214SC213AA1**	38,120	43.60	3421	95.0	575	124.0
	900	447T	**1LE63214CD113AA1**	44,660	47.03	1716	94.1	575	132.0
		447TS	**1LE63214GD113AA1**	44,660	43.28	2821	94.1	575	132.0
		R447T	**1LE63214TD113AA1**	45,920	47.03	3813	94.1	575	132.0

Cast iron frame

SD200, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
575 volt									
150	3600	445TS	**1LE63214FA213AA1**	37,800	39.81	1685	95.8	575	136.0
	1800	445T	**1LE63214BB213AA1**	34,100	43.60	1628	96.2	575	149.6
		445TS	**1LE63214FB213AA1**	34,100	39.81	3351	96.2	575	149.6
		R445T	**1LE63214SB213AA1**	35,320	43.60	1654	96.2	575	149.6
	1200	447T	**1LE63214CC113AA1**	41,260	47.03	1790	95.8	575	146.0
		447TS	**1LE63214GC113AA1**	41,260	43.28	3844	95.8	575	146.0
		R447T	**1LE63214TC113AA1**	42,500	47.03	1804	95.8	575	146.0
	900	449T	**1LE63214CD213AA1**	57,040	52.06	4328	94.1	575	164.0
		449TS	**1LE63214GD213AA1**	57,040	48.31	4308	94.1	575	164.0
		R449T	**1LE63214TD213AA1**	58,280	52.06	4332	94.1	575	164.0
200	3600	447TS	**1LE63214GA113AA1**	47,800	43.28	1839	96.2	575	180.0
	1800	447T	**1LE63214CB113AA1**	41,460	47.03	1832	96.2	575	197.6
		447TS	**1LE63214GB113AA1**	41,460	43.28	1808	96.2	575	197.6
		R447T	**1LE63214TB113AA1**	42,700	47.03	1856	96.2	575	197.6
	1200	449T	**1LE63214CC213AA1**	50,520	52.06	2120	95.8	575	194.0
		449TS	**1LE63214GC213AA1**	50,520	48.31	4565	95.8	575	194.0
		R449T	**1LE63214TC213AA1**	51,760	52.06	2233	95.8	575	194.0
	900	L449T	**1LE63214DD113AA1**	69,820	60.06	5674	94.5	575	208.8
		L449TS	**1LE63214HD113AA1**	69,820	56.43	5514	94.5	575	208.8
		RL449T	**1LE63214UD113AA1**	71,060	60.06	2571	94.5	575	208.8
250	3600	449TS	**1LE63214GA213AA1**	60,300	48.31	2079	96.2	575	220.0
	1800	449T	**1LE63214CB213AA1**	52,020	52.06	2145	96.2	575	244.0
		449TS	**1LE63214GB213AA1**	52,020	48.31	2092	96.2	575	244.0
	1200	449T	**1LE63214CC313AA1**	54,960	52.06	2290	95.8	575	245.0
		449TS	**1LE63214GC313AA1**	54,960	48.31	4915	95.8	575	245.0
		R449T	**1LE63214TC313AA1**	56,200	52.06	2290	95.8	575	245.0
	900	L449T	**1LE63214DD213AA1**	82,500	60.06	6277	95.0	575	258.4
		L449TS	**1LE63214HD213AA1**	82,500	56.43	6277	95.0	575	258.4
300	3600	449TS	**1LE63214GA313AA1**	82,540	48.31	2189	95.8	575	264.0
	1800	449T	**1LE63214CB313AA1**	60,680	52.06	2244	96.2	575	292.0
		449TS	**1LE63214GB313AA1**	60,680	48.31	2195	96.2	575	292.0
	1200	L449T	**1LE63214DC113AA1**	68,800	60.06	6226	95.8	575	291.2
		L449TS	**1LE63214HC113AA1**	68,800	56.43	6156	95.8	575	291.2
		RL449T	**1LE63214UC113AA1**	70,020	60.06	2838	95.8	575	291.2
350	3600	L449TS	**1LE63214HA113AA1**	84,820	56.43	2673	96.2	575	304.0
	1800	L449T	**1LE63214DB113AA1**	78,780	60.06	5650	96.2	575	336.8
		L449TS	**1LE63214HB113AA1**	78,780	56.43	5663	96.2	575	336.8
		RL449T	**1LE63214UB113AA1**	80,020	60.06	5791	96.2	575	336.8
400	3600	L449TS	**1LE63214HA213AA1**	105,780	56.43	2963	96.2	575	345.6
	1800	L449T	**1LE63214DB213AA1**	98,280	60.06	5907	96.2	575	389.6
		L449TS	**1LE63214HB213AA1**	98,280	56.43	2679	96.2	575	389.6
		RL449T	**1LE63214UB213AA1**	99,500	60.06	2728	96.2	575	389.6

Cast iron frame

SD200 C-face foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
125	1800	444TC	**1LE63214BB112NA1**	31,920	43.60	1544	95.4	460	154.0
150	1800	445TC	**1LE63214BB212NA1**	36,700	43.60	1735	96.2	460	187.0
200	1800	447TC	**1LE63214CB112NA1**	44,060	47.03	1832	96.2	460	247.0
250	1800	449TC	**1LE63214CB212NA1**	57,080	52.06	2145	96.2	460	305.0
300	1800	449TC	**1LE63214CB312NA1**	63,280	52.06	2244	96.2	460	365.0

Cast iron frame

SD200 SP4

125 thru 250 Hp

NEMA PREMIUM 4

IP55

Features

- Full Class H insulation system, Class B temp rise
- Inverter Duty nameplate
- Flexible centered and top mounting box
- NEMA Premium 4
- Bidirectional fan
- Division 2, Class I, Groups A,B,C and D
- Division 2, Class II, Groups F&G
- Designed for longevity with a 4 year warranty on NEMA Premium 4 efficient SP4 motors
- NEMA Design B

Applications

- Pumps
- Fans
- Compressors
- Petrochemical
- Oil & Gas
- Paper mills
- Water and waste water

SD200 SP4, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
125	3600	444TS	1LE64234FA112AA1	35,240	39.81	1458	95.4	460	144.8
	1800	444T	1LE64234BB112AA1	32,840	43.60	1658	96.2	460	151.6
		444TS	1LE64234FB112AA1	32,840	39.81	1658	96.2	460	151.6
		R444T	1LE64234SB112AA1	34,230	43.60	1658	96.2	460	151.6
150	3600	445TS	1LE64234FA212AA1	42,340	39.81	1685	95.4	460	175.7
	1800	445T	1LE64234BB212AA1	38,190	43.60	1654	96.2	460	181.8
		445TS	1LE64234FB212AA1	38,190	39.81	1654	96.2	460	181.8
		R445T	1LE64234SB212AA1	39,560	43.60	1694	96.2	460	181.8
200	3600	447TS	1LE64234GA112AA1	53,540	43.28	1815	95.8	460	224.3
	1800	447T	1LE64234CB112AA1	46,440	47.03	1832	96.5	460	240.9
		447TS	1LE64234GB112AA1	46,440	43.28	1914	96.5	460	240.9
		R447T	1LE64234TB112AA1	47,820	47.03	1920	96.5	460	240.9
250	3600	449TS	1LE64234GA212AA1	67,540	48.31	2057	96.2	460	278.5
	1800	449T	1LE64234CB212AA1	58,260	52.06	2323	96.5	460	294.4
		449TS	1LE64234GB212AA1	58,260	48.31	2323	96.5	460	294.4
		R449T	1LE64234TB212AA1	59,650	52.06	2332	96.5	460	294.4
575 volt									
125	3600	444TS	1LE64234FA113AA1	35,240	39.81	1458	95.4	575	115.8
	1800	444T	1LE64234BB113AA1	32,840	43.60	1658	96.2	575	121.3
		444TS	1LE64234FB113AA1	32,840	39.81	1658	96.2	575	121.3

Cast iron frame

Red catalog number indicates **NEW** product

SD200 SP4, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
575 volt									
125	1800	R444T	1LE64234SB113AA1	34,230	43.60	1658	96.2	575	121.3
150	3600	445TS	1LE64234FA213AA1	42,340	39.81	1685	95.4	575	140.6
	1800	445T	1LE64234BB213AA1	38,190	43.60	1654	96.2	575	145.4
		445TS	1LE64234FB213AA1	38,190	39.81	1654	96.2	575	145.4
		R445T	1LE64234SB213AA1	39,560	43.60	1694	96.2	575	145.4
200	3600	447TS	1LE64234GA113AA1	53,540	43.28	1815	95.8	575	179.4
	1800	447T	1LE64234CB113AA1	46,440	47.03	1914	96.5	575	192.7
		447TS	1LE64234GB113AA1	46,440	43.28	1914	96.5	575	192.7
		R447T	1LE64234TB113AA1	47,820	47.03	1918	96.5	575	192.7
250	3600	449TS	1LE64234GA213AA1	67,540	48.31	2057	96.2	575	222.8
	1800	449T	1LE64234CB213AA1	58,260	52.06	2323	96.5	575	235.5
		449TS	1LE64234GB213AA1	58,260	48.31	2323	96.5	575	235.5

Cast iron frame

Red catalog number indicates **NEW** product

SD200 SP4 C-face foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
125	1800	444T	1LE64234BB112NA1	35,750	43.60	1658	96.2	460	151.6
150	1800	445T	1LE64234BB212NA1	41,100	43.60	1654	96.2	460	181.8
200	1800	447T	1LE64234CB112NA1	49,350	47.03	1914	96.5	460	240.9
250	1800	449T	1LE64234CB212NA1	63,930	52.06	2323	96.5	460	294.4

Cast iron frame

Red catalog number indicates **NEW** product

SD100 IEEE841

1 thru 100 Hp

IP55

Features

- Meets and exceeds the requirements of IEEE Std. 841-2021
- Insulation Class F, Class B temp rise
- Division 2, Class I, Groups A,B,C and D
- Division 2, Class II, Groups F&G (280-400 frames)
- Patented PLS lubrication system for bearing longevity
- Inverter duty nameplate
- Bidirectional fan
- 5-year warranty

Applications

- Pumps
- Fans
- Compressors
- Petrochemical
- Oil & Gas
- Paper mills
- Water and waste water

SD100 IEEE841, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
1	3600	143T	**1LE24211AA112AA3**	1,574	14.20	74	82.5	460	1.4
	1800	143T	**1LE24211AB212AA3**	1,524	14.20	77	85.5	460	1.4
	1200	145T	**1LE24211AC312AA3**	1,796	14.20	77	82.5	460	1.6
	900	182T	**1LE24211CD112AA3**	2,914	16.40	107	81.5	460	2.1
1 1/2	3600	143T	**1LE24211AA212AA3**	1,576	14.20	74	84.0	460	2.0
	1800	145T	**1LE24211AB312AA3**	1,644	14.20	79	86.5	460	2.1
	1200	182T	**1LE24211CC112AA3**	2,012	16.40	116	87.5	460	2.4
	900	184T	**1LE24211CD312AA3**	3,438	16.40	118	82.5	460	3.0
2	3600	145T	**1LE24211AA312AA3**	1,808	14.20	74	85.5	460	2.5
	1800	145T	**1LE24211AB412AA3**	1,756	14.20	79	86.5	460	2.8
	1200	184T	**1LE24211CC312AA3**	2,142	16.40	125	88.5	460	3.2
	900	213T	**1LE24212AD112AA3**	4,046	20.20	149	84.0	460	3.3
3	3600	182T	**1LE24211CA112AA3**	1,894	16.40	112	86.5	460	3.8
	1800	182T	**1LE24211CB112AA3**	1,814	16.40	121	89.5	460	4.0
	1200	213T	**1LE24212AC112AA3**	2,700	20.20	169	89.5	460	4.3
	900	215T	**1LE24212AD212AA3**	5,130	20.20	160	85.5	460	4.8
5	3600	184T	**1LE24211CA312AA3**	2,318	16.40	121	88.5	460	6.0
	1800	184T	**1LE24211CB312AA3**	2,078	16.40	127	89.5	460	6.5
	1200	215T	**1LE24212AC212AA3**	3,574	20.20	182	89.5	460	6.7
	900	254T	**1LE24212BD112AA3**	6,856	25.80	246	86.5	460	8.8
7 1/2	3600	213T	**1LE24212AA112AA3**	2,842	20.20	160	89.5	460	8.8
	1800	213T	**1LE24212AB112AA3**	2,760	20.20	189	91.7	460	9.7

Cast iron frame

SD100 IEEE841, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
7 1/2	1200	254T	**1LE24212BC112AA3**	4,568	25.80	305	91.0	460	10.0
	900	256T	**1LE24212BD212AA3**	8,594	25.80	279	87.5	460	12.5
10	3600	215T	**1LE24212AA212AA3**	3,268	20.20	182	90.2	460	11.5
	1800	215T	**1LE24212AB212AA3**	3,304	20.20	195	91.7	460	12.5
	1200	256T	**1LE24212BC212AA3**	5,680	25.80	308	91.0	460	13.5
	900	284T	**1LE24212CD112AA3**	8,796	29.40	360	90.2	460	17.0
15	3600	254T	**1LE24212BA112AA3**	4,432	25.80	294	91.0	460	17.5
	1800	254T	**1LE24212BB112AA3**	4,354	25.80	290	92.4	460	19.0
	1200	284T	**1LE24212CC112AA3**	7,082	29.40	413	91.7	460	21.0
	900	286T	**1LE24212CD212AA3**	11,246	29.40	420	90.2	460	26.0
20	3600	256T	**1LE24212BA212AA3**	5,440	25.80	330	91.0	460	22.5
	1800	256T	**1LE24212BB212AA3**	5,612	25.80	327	93.0	460	25.0
	1200	286T	**1LE24212CC212AA3**	8,632	29.40	464	91.7	460	27.0
	900	324T	**1LE24213AD112AA3**	13,750	32.10	569	91.0	460	31.0
25	3600	284TS	**1LE24212DA112AA3**	6,462	28.00	407	91.7	460	29.0
	1800	284T	**1LE24212CB112AA3**	6,172	29.40	444	93.6	460	30.0
		284TS	**1LE24212DB112AA3**	6,172	28.00	433	93.6	460	30.0
	1200	324T	**1LE24213AC112AA3**	10,454	32.10	633	93.0	460	33.0
	900	326T	**1LE24213AD212AA3**	15,972	32.10	580	90.2	460	40.0
30	3600	286TS	**1LE24212DA212AA3**	7,550	28.00	429	91.7	460	34.0
	1800	286T	**1LE24212CB212AA3**	7,176	29.40	468	93.6	460	35.0
		286TS	**1LE24212DB212AA3**	7,176	28.00	468	93.6	460	35.0
	1200	326T	**1LE24213AC212AA3**	12,044	32.10	666	93.0	460	39.0
	900	364T	**1LE24213CD112AA3**	18,906	35.50	739	91.7	460	41.0
40	3600	324TS	**1LE24213BA112AA3**	9,956	30.60	563	93.6	460	45.0
	1800	324T	**1LE24213AB112AA3**	9,534	32.10	655	94.1	460	46.0
		324TS	**1LE24213BB112AA3**	9,534	30.60	655	94.1	460	46.0
	1200	364T	**1LE24213CC112AA3**	16,320	35.50	906	94.1	460	49.0
	900	365T	**1LE24213CD212AA3**	22,856	35.50	864	91.7	460	55.0
50	3600	326TS	**1LE24213BA212AA3**	12,656	30.60	596	93.6	460	55.0
	1800	326T	**1LE24213AB212AA3**	11,606	32.10	660	94.5	460	58.0
		326TS	**1LE24213BB212AA3**	11,606	30.60	699	94.5	460	58.0
	1200	365T	**1LE24213CC212AA3**	18,574	35.50	897	94.1	460	62.0
	900	404T	**1LE24214AD112AA3**	26,604	39.40	1113	92.4	460	67.0
60	3600	364TS	**1LE24213DA112AA3**	16,796	33.40	723	93.6	460	68.0
	1800	364T	**1LE24213CB112AA3**	16,506	35.50	930	95.0	460	68.0
		364TS	**1LE24213DB112AA3**	16,506	33.40	930	95.0	460	68.0
	1200	404T	**1LE24214AC112AA3**	21,198	39.40	1097	94.5	460	74.0
	900	405T	**1LE24214AD212AA3**	29,854	39.40	1179	92.4	460	78.0
75	3600	365TS	**1LE24213DA212AA3**	21,090	33.40	814	94.1	460	86.0
	1800	365T	**1LE24213CB212AA3**	20,558	35.50	996	95.4	460	85.0
		365TS	**1LE24213DB212AA3**	20,558	33.40	996	95.4	460	85.0
	1200	405T	**1LE24214AC212AA3**	24,736	39.40	1183	94.5	460	93.0
100	3600	405TS	**1LE24214BA212AA3**	28,014	36.40	1115	94.1	460	108.0
	1800	405T	**1LE24214AB212AA3**	25,398	39.40	1155	95.4	460	113.0
		405TS	**1LE24214BB212AA3**	25,398	36.40	1149	95.4	460	113.0

Cast iron frame

SD100 IEEE841, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
575 volt									
1	3600	143T	**1LE24211AA113AA3**	1,574	14.20	74	82.5	575	1.1
	1800	143T	**1LE24211AB213AA3**	1,524	14.20	77	85.5	575	1.1
	1200	145T	**1LE24211AC313AA3**	1,796	14.20	77	82.5	575	1.3
	900	182T	**1LE24211CD113AA3**	2,914	16.40	107	81.5	575	1.7
1 1/2	3600	143T	**1LE24211AA213AA3**	1,576	14.20	74	84.0	575	1.6
	1800	145T	**1LE24211AB313AA3**	1,644	14.20	79	86.5	575	1.7
	1200	182T	**1LE24211CC113AA3**	2,012	16.40	116	87.5	575	1.9
	900	184T	**1LE24211CD313AA3**	3,438	16.40	118	82.5	575	2.4
2	3600	145T	**1LE24211AA313AA3**	1,808	14.20	74	85.5	575	2.0
	1800	145T	**1LE24211AB413AA3**	1,756	14.20	79	86.5	575	2.2
	1200	184T	**1LE24211CC313AA3**	2,142	16.40	125	88.5	575	2.6
	900	213T	**1LE24212AD113AA3**	4,046	20.20	145	84.0	575	2.6
3	3600	182T	**1LE24211CA113AA3**	1,894	16.40	112	86.5	575	3.0
	1800	182T	**1LE24211CB113AA3**	1,814	16.40	121	89.5	575	3.2
	1200	213T	**1LE24212AC113AA3**	2,700	20.20	169	89.5	575	3.4
	900	215T	**1LE24212AD213AA3**	5,130	20.20	160	85.5	575	3.8
5	3600	184T	**1LE24211CA313AA3**	2,318	16.40	121	88.5	575	4.8
	1800	184T	**1LE24211CB313AA3**	2,078	16.40	127	89.5	575	5.2
	1200	215T	**1LE24212AC213AA3**	3,574	20.20	182	89.5	575	5.4
	900	254T	**1LE24212BD113AA3**	6,856	25.80	246	86.5	575	7.0
7 1/2	3600	213T	**1LE24212AA113AA3**	2,842	20.20	160	89.5	575	7.0
	1800	213T	**1LE24212AB113AA3**	2,760	20.20	189	91.7	575	7.8
	1200	254T	**1LE24212BC113AA3**	4,568	25.80	305	91.0	575	8.0
	900	256T	**1LE24212BD213AA3**	8,594	25.80	279	87.5	575	10.0
10	3600	215T	**1LE24212AA213AA3**	3,268	20.20	182	90.2	575	9.2
	1800	215T	**1LE24212AB213AA3**	3,304	20.20	195	91.7	575	10.0
	1200	256T	**1LE24212BC213AA3**	5,680	25.80	308	91.0	575	10.8
	900	284T	**1LE24212CD113AA3**	8,796	29.40	360	90.2	575	13.6
15	3600	254T	**1LE24212BA113AA3**	4,432	25.80	294	91.0	575	14.0
	1800	254T	**1LE24212BB113AA3**	4,354	25.80	290	92.4	575	15.2
	1200	284T	**1LE24212CC113AA3**	7,082	29.40	413	91.7	575	16.8
	900	286T	**1LE24212CD213AA3**	11,246	29.40	420	90.2	575	21.0
20	3600	256T	**1LE24212BA213AA3**	5,440	25.80	330	91.0	575	18.0
	1800	256T	**1LE24212BB213AA3**	5,612	25.80	327	93.0	575	20.0
	1200	286T	**1LE24212CC213AA3**	8,632	29.40	464	91.7	575	21.6
	900	324T	**1LE24213AD113AA3**	13,750	32.10	569	91.0	575	25.0
25	3600	284TS	**1LE24212DA113AA3**	6,462	28.00	407	91.7	575	23.2
	1800	284T	**1LE24212CB113AA3**	6,172	29.40	444	93.6	575	24.0
		284TS	**1LE24212DB113AA3**	6,172	28.00	433	93.6	575	24.0
	1200	324T	**1LE24213AC113AA3**	10,454	32.10	633	93.0	575	26.4
	900	326T	**1LE24213AD213AA3**	15,972	32.10	580	90.2	575	32.0
30	3600	286TS	**1LE24212DA213AA3**	7,550	28.00	429	91.7	575	27.2
	1800	286T	**1LE24212CB213AA3**	7,176	29.40	468	93.6	575	28.0
		286TS	**1LE24212DB213AA3**	7,176	28.00	468	93.6	575	28.0
	1200	326T	**1LE24213AC213AA3**	12,044	32.10	666	93.0	575	31.2
	900	364T	**1LE24213CD113AA3**	18,906	35.50	739	91.7	575	33.0
40	3600	324TS	**1LE24213BA113AA3**	9,956	30.60	563	93.6	575	36.0

Cast iron frame

SD100 IEEE841, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
575 volt									
40	1800	324T	**1LE24213AB113AA3**	9,534	32.10	655	94.1	575	36.8
		324TS	**1LE24213BB113AA3**	9,534	30.60	655	94.1	575	36.8
	1200	364T	**1LE24213CC113AA3**	16,320	35.50	906	94.1	575	39.2
	900	365T	**1LE24213CD213AA3**	22,856	35.50	864	91.7	575	44.0
50	3600	326TS	**1LE24213BA213AA3**	12,656	30.60	596	93.6	575	44.0
	1800	326T	**1LE24213AB213AA3**	11,606	32.10	699	94.5	575	46.4
		326TS	**1LE24213BB213AA3**	11,606	30.60	699	94.5	575	46.4
	1200	365T	**1LE24213CC213AA3**	18,574	35.50	897	94.1	575	49.6
	900	404T	**1LE24214AD113AA3**	26,604	39.40	1113	92.4	575	53.6
60	3600	364TS	**1LE24213DA113AA3**	16,796	33.40	723	93.6	575	54.4
	1800	364T	**1LE24213CB113AA3**	16,506	35.50	930	95.0	575	54.4
		364TS	**1LE24213DB113AA3**	16,506	33.40	930	95.0	575	54.4
	1200	404T	**1LE24214AC113AA3**	21,198	39.40	1097	94.5	575	59.2
	900	405T	**1LE24214AD213AA3**	29,854	39.40	1179	92.4	575	62.4
75	3600	365TS	**1LE24213DA213AA3**	21,090	33.40	814	94.1	575	68.8
	1800	365T	**1LE24213CB213AA3**	20,558	35.50	996	95.4	575	68.0
		365TS	**1LE24213DB213AA3**	20,558	33.40	996	95.4	575	68.0
	1200	405T	**1LE24214AC213AA3**	24,736	39.40	1183	94.5	575	74.4
100	3600	405TS	**1LE24214BA213AA3**	28,014	36.40	1115	94.1	575	86.4
	1800	405T	**1LE24214AB213AA3**	25,398	39.40	1155	95.4	575	90.4
		405TS	**1LE24214BB213AA3**	25,398	36.40	1149	95.4	575	90.4

Cast iron frame

SD100 IEEE841, C-face foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
1	3600	143TC	**1LE24211AA112EA3**	1,786	14.20	72	82.5	460	1.4
	1800	143TC	**1LE24211AB212EA3**	1,736	14.20	77	85.5	460	1.4
1 1/2	3600	143TC	**1LE24211AA212EA3**	1,788	14.20	33	84.0	460	2.0
	1800	145TC	**1LE24211AB312EA3**	1,856	14.20	79	86.5	460	2.1
2	3600	145TC	**1LE24211AA312EA3**	2,020	14.20	70	85.5	460	2.5
	1800	145TC	**1LE24211AB412EA3**	1,968	14.20	79	86.5	460	2.8
3	3600	182TC	**1LE24211CA112EA3**	2,202	16.40	107	86.5	460	3.8
	1800	182TC	**1LE24211CB112EA3**	2,122	16.40	123	89.5	460	4.0
5	3600	184TC	**1LE24211CA312EA3**	2,626	16.40	121	88.5	460	6.0
	1800	184TC	**1LE24211CB312EA3**	2,386	16.40	127	89.5	460	6.5
7 1/2	3600	213TC	**1LE24212AA112EA3**	3,170	20.20	160	89.5	460	8.8
	1800	213TC	**1LE24212AB112EA3**	3,088	20.20	195	91.7	460	9.7
10	3600	215TC	**1LE24212AA212EA3**	3,596	20.20	173	90.2	460	11.5
	1800	215TC	**1LE24212AB212EA3**	3,632	20.20	195	91.7	460	12.5
15	3600	254TC	**1LE24212BA112EA3**	4,890	25.80	288	91.0	460	17.5
	1800	254TC	**1LE24212BB112EA3**	4,812	25.80	290	92.4	460	19.0
20	3600	256TC	**1LE24212BA212EA3**	5,898	25.80	327	91.0	460	22.5
	1800	256TC	**1LE24212BB212EA3**	6,070	25.80	327	93.0	460	25.0

Cast iron frame

SD100 IEEE841, C-face footless



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
1	3600	143TC	**1LE24211AA112GA3**	1,754	14.20	72	82.5	460	1.4
	1800	143TC	**1LE24211AB212GA3**	1,704	14.20	77	85.5	460	1.4
1 1/2	3600	143TC	**1LE24211AA212GA3**	1,756	14.20	72	84.0	460	2.0
	1800	145TC	**1LE24211AB312GA3**	1,824	14.20	79	86.5	460	2.1
2	3600	145TC	**1LE24211AA312GA3**	1,988	14.20	70	85.5	460	2.5
	1800	145TC	**1LE24211AB412GA3**	1,936	14.20	79	86.5	460	2.8
3	3600	182TC	**1LE24211CA112GA3**	2,158	16.40	107	86.5	460	3.8
	1800	182TC	**1LE24211CB112GA3**	2,078	16.40	123	89.5	460	4.0
5	3600	184TC	**1LE24211CA312GA3**	2,582	16.40	121	88.5	460	6.0
	1800	184TC	**1LE24211CB312GA3**	2,342	16.40	127	89.5	460	6.5
7 1/2	3600	213TC	**1LE24212AA112GA3**	3,106	20.20	160	89.5	460	8.8
	1800	213TC	**1LE24212AB112GA3**	3,024	20.20	195	91.7	460	9.7
10	3600	215TC	**1LE24212AA212GA3**	3,532	20.20	173	90.2	460	11.5
	1800	215TC	**1LE24212AB212GA3**	3,568	20.20	195	91.7	460	12.5
15	3600	254TC	**1LE24212BA112GA3**	4,792	25.80	288	91.0	460	17.5
	1800	254TC	**1LE24212BB112GA3**	4,714	25.80	290	92.4	460	19.0
20	3600	256TC	**1LE24212BA212GA3**	5,800	25.80	327	91.0	460	22.5
	1800	256TC	**1LE24212BB212GA3**	5,972	25.80	327	93.0	460	25.0
575 volt									
1	3600	143TC	**1LE24211AA113GA3**	1,754	14.20	72	82.5	575	1.1
	1800	143TC	**1LE24211AB213GA3**	1,704	14.20	77	85.5	575	1.1
1 1/2	3600	143TC	**1LE24211AA213GA3**	1,756	14.20	72	84.0	575	1.6
	1800	145TC	**1LE24211AB313GA3**	1,824	14.20	79	86.5	575	1.7
2	3600	145TC	**1LE24211AA313GA3**	1,988	14.20	70	85.5	575	2.0
	1800	145TC	**1LE24211AB413GA3**	1,936	14.20	79	86.5	575	2.2
3	3600	182TC	**1LE24211CA113GA3**	2,158	16.40	107	86.5	575	3.0
	1800	182TC	**1LE24211CB113GA3**	2,078	16.40	123	89.5	575	3.2
5	3600	184TC	**1LE24211CA313GA3**	2,582	16.40	121	88.5	575	4.8
	1800	184TC	**1LE24211CB313GA3**	2,342	16.40	127	89.5	575	5.2
7 1/2	3600	213TC	**1LE24212AA113GA3**	3,106	20.20	160	89.5	575	7.0
	1800	213TC	**1LE24212AB113GA3**	3,024	20.20	195	91.7	575	7.8
10	3600	215TC	**1LE24212AA213GA3**	3,532	20.20	173	90.2	575	9.2
	1800	215TC	**1LE24212AB213GA3**	3,568	20.20	195	91.7	575	10.0
15	3600	254TC	**1LE24212BA113GA3**	4,792	25.80	288	91.0	575	14.0
	1800	254TC	**1LE24212BB113GA3**	4,714	25.80	290	92.4	575	15.2
20	3600	256TC	**1LE24212BA213GA3**	5,800	25.80	327	91.0	575	18.0
	1800	256TC	**1LE24212BB213GA3**	5,972	25.80	327	93.0	575	20.0

Cast iron frame

SD200 841
75 thru 500 hp

IP56

Features
- Meets and exceeds the requirements of IEEE Std. 841-2021
- Full class H insulation system, Class B temp rise
- Inverter Duty nameplate
- Division 2, Class I, Groups A,B,C & D
- Division 2, Class II, Groups F&G
- Bidirectional fan
- Flexible centered and top mounting box
- 5-year warranty

Applications
- Pumps
- Fans
- Compressors
- Petrochemical
- Oil & Gas
- Paper mills
- Water and waste water

SD200 841, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
75	900	444T	**1LE63224BD112AA1**	40,480	43.60	1408	93.6	460	105.0
75	900	444TS	**1LE63224FD112AA1**	40,480	39.81	1408	93.6	460	105.0
75	900	R444T	**1LE63224SD112AA1**	41,740	43.60	1419	93.6	460	105.0
100	1200	444T	**1LE63224BC112AA1**	34,800	43.60	1449	95.0	460	128.0
		444TS	**1LE63224FC112AA1**	34,800	39.81	1460	95.0	460	128.0
		R444T	**1LE63224SC112AA1**	36,040	43.60	1460	95.0	460	128.0
	900	445T	**1LE63224BD212AA1**	49,620	43.60	1491	93.6	460	137.0
		445TS	**1LE63224FD212AA1**	49,620	39.81	1491	93.6	460	137.0
		R445T	**1LE63224SD212AA1**	50,860	43.60	1502	93.6	460	137.0
125	3600	444TS	**1LE63224FA112AA1**	36,700	39.81	1524	95.4	460	145.0
	1800	444T	**1LE63224BB112AA1**	33,800	43.60	1507	95.4	460	154.0
		444TS	**1LE63224FB112AA1**	33,800	39.81	1515	95.4	460	154.0
		R444T	**1LE63224SB112AA1**	35,040	43.60	1489	95.4	460	154.0
	1200	445T	**1LE63224BC212AA1**	41,980	43.60	1535	95.0	460	155.0
		445TS	**1LE63224FC212AA1**	41,980	39.81	1491	95.0	460	155.0
		R445T	**1LE63224SC212AA1**	43,220	43.60	1548	95.0	460	155.0
	900	447T	**1LE63224CD112AA1**	50,960	47.03	1727	94.1	460	165.0
		447TS	**1LE63224GD112AA1**	50,960	43.28	1716	94.1	460	165.0
		R447T	**1LE63224TD112AA1**	52,200	47.03	1727	94.1	460	165.0
150	3600	445TS	**1LE63224FA212AA1**	42,920	39.81	1617	95.8	460	170.0
	1800	445T	**1LE63224BB212AA1**	38,240	43.60	1634	96.2	460	186.4
		445TS	**1LE63224FB212AA1**	38,240	39.81	1610	96.2	460	186.4

Cast iron frame

Red catalog number indicates **NEW** product

SD200 841, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
150	1800	R445T	**1LE63224SB212AA1**	39,480	43.60	1661	96.2	460	186.4
	1200	447T	**1LE63224CC112AA1**	46,100	47.03	1788	95.8	460	182.0
		447TS	**1LE63224GC112AA1**	46,100	43.28	1742	95.8	460	182.0
		R447T	**1LE63224TC112AA1**	47,340	47.03	1799	95.8	460	182.0
	900	449TS	**1LE63224GD212AA1**	65,160	48.31	4308	94.1	460	205.0
		R449T	**1LE63224TD212AA1**	66,400	52.06	1962	94.1	460	205.0
200	3600	447TS	**1LE63224GA112AA1**	53,820	43.28	1837	96.2	460	225.0
	1800	447T	**1LE63224CB112AA1**	46,500	47.03	1850	96.2	460	247.0
		447TS	**1LE63224GB112AA1**	46,500	43.28	1709	96.2	460	247.0
		R447T	**1LE63224TB112AA1**	47,740	47.03	1766	96.2	460	247.0
	1200	449T	**1LE63224CC212AA1**	55,920	52.06	2120	95.8	460	243.0
		449TS	**1LE63224GC212AA1**	55,920	48.31	4565	95.8	460	243.0
		R449T	**1LE63224TC212AA1**	57,160	52.06	2129	95.8	460	243.0
	900	L449T	**1LE63224DD112AA1**	94,120	60.06	2571	94.5	460	261.0
		L449TS	**1LE63224HD112AA1**	94,120	56.43	2501	94.5	460	261.0
		RL449T	**1LE63224UD112AA1**	94,120	60.06	2571	94.5	460	261.0
250	3600	449TS	**1LE63224GA212AA1**	68,500	48.31	2105	96.2	460	275.0
	1800	449T	**1LE63224CB212AA1**	58,940	52.06	2134	96.2	460	305.0
		449TS	**1LE63224GB212AA1**	58,940	48.31	2090	96.2	460	305.0
		R449T	**1LE63224TB212AA1**	60,180	52.06	2112	96.2	460	305.0
	1200	449T	**1LE63224CC312AA1**	61,460	52.06	2274	95.8	460	306.0
		449TS	**1LE63224GC312AA1**	61,460	48.31	2274	95.8	460	306.0
		R449T	**1LE63224TC312AA1**	62,700	52.06	2285	95.8	460	306.0
	900	L449T	**1LE63224DD212AA1**	103,000	60.06	6277	95.0	460	322.0
		L449TS	**1LE63224HD212AA1**	103,000	56.43	2849	95.0	460	322.0
		RL449T	**1LE63224UD212AA1**	103,000	60.06	2849	95.0	460	322.0
300	3600	449TS	**1LE63224GA312AA1**	86,980	48.31	2149	95.8	460	330.0
	1800	449T	**1LE63224CB312AA1**	79,920	52.06	2164	96.2	460	365.0
		449TS	**1LE63224GB312AA1**	79,920	48.31	2164	96.2	460	365.0
	1200	L449T	**1LE63224DC112AA1**	82,520	60.06	2838	95.8	460	364.0
		L449TS	**1LE63224HC112AA1**	82,520	56.43	2789	95.8	460	364.0
		RL449T	**1LE63224UC112AA1**	83,740	60.06	2849	95.8	460	364.0
350	3600	L449TS	**1LE63224HA112AA1**	104,060	56.43	2681	96.2	460	380.0
	1800	L449T	**1LE63224DB112AA1**	96,360	60.06	2626	96.2	460	421.0
		RL449T	**1LE63224UB112AA1**	97,680	60.06	2635	96.2	460	421.0
	1200	5010	**1LE63225AC212AA1**	129,250	73.10	4417	96.2	460	410.0
		5010S	**1LE63225EC212AA1**	124,850	68.88	5988	96.2	460	410.0
		R5010	**1LE63225RC212AA1**	131,750	73.13	5849	96.2	460	410.0
400	3600	509S	**1LE63225EA112AA1**	126,880	68.88	4428	96.5	460	430.0
		L449TS	**1LE63224HA212AA1**	116,700	56.43	2855	96.2	460	432.0
	1800	509	**1LE63225AB112AA1**	126,250	73.10	4331	96.5	460	460.0
		509S	**1LE63225EB112AA1**	126,250	68.88	4197	96.5	460	460.0
		L449T	**1LE63224DB212AA1**	108,100	60.06	2728	96.2	460	487.0
		L449TS	**1LE63224HB212AA1**	108,100	56.43	2679	96.2	460	487.0
		R509	**1LE63225RB112AA1**	128,750	73.10	4336	96.5	460	460.0
	1200	5011	**1LE63225AC812AA1**	136,610	73.10	5535	96.2	460	470.0

Cast iron frame

Red catalog number indicates **NEW** product

SD200 841, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
400	1200	5011S	1LE63225EC812AA1	136,610	68.88	5988	96.2	460	470.0
		R5011	1LE63225RC812AA1	139,110	73.13	5850	96.2	460	470.0
450	3600	5010S	1LE63225EA212AA1	129,450	68.88	4182	96.5	460	480.0
	1800	5010	1LE63225AB212AA1	130,290	73.10	4331	96.5	460	515.0
		5010S	1LE63225EB212AA1	130,290	68.88	5870	96.5	460	515.0
		R5010	1LE63225RB212AA1	132,790	73.10	4547	96.5	460	515.0
	1200	L5011	1LE63225BC312AA1	156,150	81.00	5588	96.2	460	525.0
		L5011S	1LE63225FC312AA1	145,160	76.75	6041	96.2	460	525.0
		RL5011	1LE63225SC312AA1	158,650	81.00	5849	96.2	460	525.0
500	3600	5011S	1LE63225EA812AA1	131,160	68.88	4727	96.5	460	535.0
	1800	5011	1LE63225AB812AA1	132,140	73.10	4747	96.7	460	570.0
		5011S	1LE63225EB812AA1	132,140	68.88	5735	96.7	460	570.0
		R5011	1LE63225RB812AA1	134,640	73.13	5733	96.7	460	570.0
	1200	5012	1LE63225BC512AA1	165,520	81.00	5546	96.2	460	580.0
		5012S	1LE63225FC512AA1	161,120	76.75	6041	96.2	460	580.0
		R5012	1LE63225SC512AA1	168,020	81.00	5850	96.2	460	580.0
575 volt									
75	900	444T	1LE63224BD113AA1	40,480	43.60	1408	93.6	575	84.0
75	900	444TS	1LE63224FD113AA1	40,480	39.81	1408	93.6	575	84.0
75	900	R444T	1LE63224SD113AA1	41,740	43.60	3131	93.6	575	84.0
100	1200	444T	1LE63224BC113AA1	34,800	43.60	1449	95.0	575	102.0
		444TS	1LE63224FC113AA1	34,800	39.81	3199	95.0	575	102.0
	900	445T	1LE63224BD213AA1	49,620	43.60	3287	93.6	575	109.6
		445TS	1LE63224FD213AA1	49,620	39.81	1491	93.6	575	109.6
		R445T	1LE63224SD213AA1	50,860	43.60	3311	93.6	575	109.6
125	3600	444TS	1LE63224FA113AA1	36,700	39.81	1524	95.4	575	116.0
	1800	444T	1LE63224BB113AA1	33,800	43.60	1507	95.4	575	123.2
		R444T	1LE63224SB113AA1	35,040	43.60	1540	95.4	575	123.2
	1200	445T	1LE63224BC213AA1	41,980	43.60	1535	95.0	575	124.0
		445TS	1LE63224FC213AA1	41,980	39.81	3287	95.0	575	124.0
		R445T	1LE63224SC213AA1	43,220	43.60	1548	95.0	575	124.0
	900	447T	1LE63224CD113AA1	50,960	47.03	1797	94.1	575	132.0
		447TS	1LE63224GD113AA1	50,960	43.28	2816	94.1	575	132.0
		R447T	1LE63224TD113AA1	52,200	47.03	3806	94.1	575	132.0
150	1800	445T	1LE63224BB213AA1	38,240	43.60	1634	96.2	575	149.6
		445TS	1LE63224FB213AA1	38,240	39.81	1610	96.2	575	149.6
		R445T	1LE63224SB213AA1	39,480	43.60	1661	96.2	575	149.6
	1200	447T	1LE63224CC113AA1	46,100	47.03	1788	95.8	575	146.0
		447TS	1LE63224GC113AA1	46,100	43.28	3842	95.8	575	146.0
		R447T	1LE63224TC113AA1	47,340	47.03	1799	95.8	575	146.0
	900	449T	1LE63224CD213AA1	65,160	52.06	4328	94.1	575	164.0
		449TS	1LE63224GD213AA1	65,160	48.31	4308	94.1	575	164.0
		R449T	1LE63224TD213AA1	66,400	52.06	4326	94.1	575	164.0
200	1800	447T	1LE63224CB113AA1	46,500	47.03	1850	96.2	575	197.6
		447TS	1LE63224GB113AA1	46,500	43.28	1815	96.2	575	197.6

Cast iron frame

Red catalog number indicates **NEW** product

SD200 841, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
575 volt									
200	1800	R447T	**1LE63224TB113AA1**	47,740	47.03	1850	96.2	575	197.6
	1200	449T	**1LE63224CC213AA1**	55,920	52.06	2120	95.8	575	194.0
		449TS	**1LE63224GC213AA1**	55,920	48.31	4565	95.8	575	194.0
		R449T	**1LE63224TC213AA1**	57,160	52.06	2129	95.8	575	194.0
	900	L449T	**1LE63224DD113AA1**	94,120	60.06	2571	94.5	575	208.8
		L449TS	**1LE63224HD113AA1**	94,120	56.43	5514	94.5	575	208.8
		RL449T	**1LE63224UD113AA1**	94,120	60.06	2571	94.5	575	208.8
250	1800	449T	**1LE63224CB213AA1**	58,940	52.06	2134	96.2	575	244.0
		R449T	**1LE63224TB213AA1**	60,180	52.06	2112	96.2	575	244.0
	1200	449T	**1LE63224CC313AA1**	61,460	52.06	2274	95.8	575	245.0
		449TS	**1LE63224GC313AA1**	61,460	48.31	4917	95.8	575	245.0
		R449T	**1LE63224TC313AA1**	62,700	52.06	2285	95.8	575	245.0
	900	L449T	**1LE63224DD213AA1**	103,000	60.06	6277	95.0	575	258.4
		L449TS	**1LE63224HD213AA1**	103,000	56.43	6277	95.0	575	258.4
		RL449T	**1LE63224UD213AA1**	103,000	60.06	5683	95.0	575	258.4
300	1800	449T	**1LE63224CB313AA1**	79,920	52.06	4662	96.2	575	292.0
		449TS	**1LE63224GB313AA1**	79,920	48.31	4774	96.2	575	292.0
	1200	L449T	**1LE63224DC113AA1**	82,520	60.06	2923	95.8	575	291.2
		L449TS	**1LE63224HC113AA1**	82,520	56.43	6154	95.8	575	291.2
		RL449T	**1LE63224UC113AA1**	83,740	60.06	6281	95.8	575	291.2
350	3600	L449TS	**1LE63224HA113AA1**	104,060	56.43	5914	96.2	575	304.0
	1800	L449T	**1LE63224DB113AA1**	96,360	60.06	5716	96.2	575	336.8
		L449TS	**1LE63224HB113AA1**	96,360	56.43	5716	96.2	575	336.8
		RL449T	**1LE63224UB113AA1**	97,680	60.06	2721	96.2	575	336.8
400	1800	L449T	**1LE63224DB213AA1**	108,100	60.06	5874	96.2	575	389.6
		L449TS	**1LE63224HB213AA1**	108,100	56.43	5907	96.2	575	389.6
		RL449T	**1LE63224UB213AA1**	109,340	60.06	5874	96.2	575	389.6

Cast iron frame

Red catalog number indicates **NEW** product

SD661
5 thru 75 hp

IP56

Features
- Exceeds the requirements of IEEE Std. 841-2021
- Roller bearing for belted applications, 40,000 hours of L10 life per API 661
- Division 2, Class I, Groups A,B,C & D
- Division 2, Class II, Groups F&G (280-360 frame)
- Insulation Class F, Class B temp rise
- Inverter Duty nameplate
- Bidirectional fan
- 5-year warranty

Applications
- Belt driven heat exchangers
- Petrochemical
- Oil & Gas
- Paper mills
- Water and waste water

SD661, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
5	1800	184T	**1LE24221CB312AA3**	2,078	16.40	134	89.5	460	6.5
7 1/2	1800	213T	**1LE24222AB112AA3**	3,136	20.20	176	91.7	460	9.7
	1200	254T	**1LE24222BC112AA3**	5,084	25.80	261	91.0	460	10.0
10	1800	215T	**1LE24222AB212AA3**	3,684	20.20	180	91.7	460	12.5
	1200	256T	**1LE24222BC212AA3**	6,294	25.80	272	91.0	460	13.5
15	1800	254T	**1LE24222BB112AA3**	4,870	25.80	286	92.4	460	19.0
	1200	284T	**1LE24222CC112AA3**	7,736	29.40	418	91.7	460	21.0
20	1800	256T	**1LE24222BB212AA3**	6,226	25.80	310	93.0	460	25.0
	1200	286T	**1LE24222CC212AA3**	9,276	29.40	451	91.7	460	27.0
25	1800	284T	**1LE24222CB112AA3**	6,826	29.40	444	93.6	460	30.0
	1200	324T	**1LE24223AC112AA3**	11,272	32.10	609	93.0	460	33.0
30	1800	286T	**1LE24222CB212AA3**	7,820	29.40	477	93.6	460	35.0
	1200	326T	**1LE24223AC212AA3**	12,896	32.10	629	93.0	460	39.0
40	1800	324T	**1LE24223AB112AA3**	10,352	32.10	640	94.1	460	46.0
	1200	364T	**1LE24223CC112AA3**	17,318	35.50	836	94.1	460	49.0
50	1800	326T	**1LE24223AB212AA3**	12,458	32.10	699	94.5	460	58.0
	1200	365T	**1LE24223CC212AA3**	19,644	35.50	868	94.1	460	62.0
60	1800	364T	**1LE24223CB112AA3**	17,504	35.50	935	95.0	460	68.0
75	1800	365T	**1LE24223CB212AA3**	21,628	35.50	994	95.4	460	85.0

Cast iron frame

SD10 MS - Two speed motors

1 thru 250 Hp

IP55

Features
- Insulation Class F, Class B Temp rise
- Dual speed ratings
- Full cast iron construction
- Bidirectional fan

Applications
- Pumps
- Fans
- Compressors
- Petrochemical
- Oil & Gas
- Paper mills
- Water and waste water

SD10 MS, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps
Variable torque, one winding								
460 volt								
1/.25	1800/900	143T	**1LE23011AM240AA3**	1,544	14.37	66	460	1.6
1.5/.37	1800/900	145T	**1LE23011AM340AA3**	1,712	14.37	70	460	2.3
2/.5	1800/900	182T	**1LE23011CM140AA3**	1,896	16.68	107	460	3.4
5/1.25	1800/900	184T	**1LE23011CM440AA3**	2,366	16.40	105	460	7.7
		213T	**1LE23012AM140AA3**	2,458	20.65	140	460	7.7
7.5/1.9	1800/900	213T	**1LE23012AM740AA3**	2,160	20.65	140	460	9.6
		215T	**1LE23012AM240AA3**	3,234	20.65	169	460	9.6
10/2.5	1800/900	215T	**1LE23012AM840AA3**	2,600	20.20	165	460	12.5
		254T	**1LE23012BM140AA3**	4,012	26.16	257	460	12.5
15/3.75	1800/900	254T	**1LE23012BM740AA3**	3,360	26.16	255	460	18.5
		256T	**1LE23012BM240AA3**	5,284	26.16	264	460	18.0
20/5	1800/900	256T	**1LE23012BM840AA3**	4,240	26.16	270	460	27.0
		284T	**1LE23012CM140AA3**	6,586	27.40	374	460	25.0
25/6.25	1800/900	284T	**1LE23012CM740AA3**	5,080	27.40	429	460	30.0
		286T	**1LE23012CM240AA3**	7,810	27.40	497	460	30.0
30/7.5	1800/900	286T	**1LE23012CM840AA3**	5,950	27.40	497	460	35.0
		324T	**1LE23013AM140AA3**	9,104	32.00	563	460	35.0
40/10	1800/900	326T	**1LE23013AM240AA3**	12,094	32.00	598	460	46.0
50/12.5	1800/900	364T	**1LE23013CM140AA3**	14,854	34.20	737	460	58.0
60/15	1800/900	365T	**1LE23013CM240AA3**	21,310	34.20	873	460	93.3
75/19	1800/900	405T	**1LE23014AM240AA3**	27,012	39.50	1298	460	86.0
100/25	1800/900	444T	**1LE23014CM140AA3**	31,742	45.60	1621	460	118.0
		B444T	**1LE23014EM140AA3**	30,526	45.60	1621	460	118.0
125/31	1800/900	445TS	**1LE23014DM140AA3**	30,526	41.80	1621	460	118.0
		445TS	**1LE23014DM240AA3**	38,878	41.80	1896	460	158.0

Cast iron frame

SD10 MS, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps
460 volt								
125/31	1800/900	B445T	**1LE23014EM240AA3**	38,878	45.60	1896	460	158.0
150/37.5	1800/900	447TS	**1LE23014DM340AA3**	46,926	45.40	2277	460	176.0
		B447T	**1LE23014EM340AA3**	46,926	49.10	2274	460	176.0
200/50	1800/900	449TS	**1LE23014DM540AA3**	56,426	50.30	2596	460	230.0
		B449T	**1LE23014EM540AA3**	56,426	54.10	2593	460	230.0
250/62.5	1800/900	449TS	**1LE23014DM640AA3**	77,912	50.30	2593	460	289.0
		B449T	**1LE23014EM640AA3**	77,912	54.10	2593	460	289.0

Cast iron frame

DP200 Crush+
100 thru 600 Hp

IP65

Features
- High torque NEMA design A
- High start and brakedown torque
- Oversize roller bearings
- Full class H insulation system, Class B Temp rise
- Division 2, Class I, Groups A,B,C & D
- Division 2, Class II, Groups F&G
- Inverter Duty nameplate
- Centered and top mounting box
- Bidirectional fan

Applications
- Crushers
- Cement
- Aggregate
- Above ground mining
- Bulk Material Handling
- Belt conveyors

DP200 Crush+, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
100	1200	R444T	**1PC65254SC112AA1**	39,400	44.00	1892	94.5	460	128.0
125	1800	R444T	**1PC65254SB112AA1**	30,500	44.00	1344	95.4	460	164.0
	1200	R445T	**1PC65254SC212AA1**	41,340	44.00	1711	94.7	460	158.0
150	1800	R445T	**1PC65254SB212AA1**	35,320	44.00	1507	96.0	460	194.0
	1200	R447T	**1PC65254TC112AA1**	47,540	47.50	1909	94.9	460	198.0
200	1800	R447T	**1PC65254TB112AA1**	43,620	47.50	1683	96.4	460	254.0
	1200	R449T	**1PC65254TC212AA1**	57,900	52.50	2301	95.2	460	250.0
250	1800	R449T	**1PC65254TB212AA1**	54,180	52.50	2112	96.4	460	309.0
	1200	R449T	**1PC65254TC312AA1**	73,460	52.50	2244	95.2	460	310.0
		R586	**1PC65255TC212AA1**	114,790	73.10	5495	95.5	460	293.0
300	1800	R449T	**1PC65254TB312AA1**	63,620	52.50	2292	96.7	460	383.0
		R586	**1PC65255TB112AA1**	84,150	73.10	4362	95.3	460	356.0
	1200	R586	**1PC65255TC312AA1**	116,120	73.10	4433	95.7	460	356.0
		RL449T	**1PC65254UC112AA1**	84,770	61.10	2811	95.3	460	386.0
350	1800	R586	**1PC65255TB212AA1**	87,290	73.10	4375	95.4	460	418.0
		RL449T	**1PC65254UB112AA1**	74,020	61.10	2607	96.6	460	422.0
	1200	R587	**1PC65255TC412AA1**	120,700	73.10	4653	96.3	460	417.0
		R5010	**1PC65255RC212AA1**	120,710	73.10	4323	96.3	460	417.0
400	1800	R586	**1PC65255TB312AA1**	89,760	73.10	4419	95.5	460	479.0
		RL449T	**1PC65254UB212AA1**	84,390	61.10	2763	96.4	460	495.0
	1200	R587	**1PC65255TC512AA1**	129,250	73.10	4813	96.2	460	478.0
		R5011	**1PC65255RC812AA1**	123,950	73.10	3020	96.2	460	478.0

Cast iron frame

Red catalog number indicates **NEW** product

DP200 Crush+, foot mounted

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
450	1800	R587	**1PC65255TB512AA1**	91,620	73.10	4631	95.9	460	531.0
		R5010	**1PC65255RB212AA1**	90,700	73.10	4648	95.9	460	531.0
	1200	R589	**1PC65255UC412AA1**	140,180	73.10	5670	96.3	460	529.0
500	1800	R587	**1PC65255TB612AA1**	96,310	73.10	5002	96.9	460	578.0
		R5011	**1PC65255RB812AA1**	95,350	73.10	4402	96.9	460	578.0
	1200	R5810	**1PC65255UC512AA1**	149,950	81.00	5805	96.2	460	590.0
600	1800	R588	**1PC65255TB712AA1**	102,520	73.10	5057	97.0	460	691.0
	1200	R5811	**1PC65255UC612AA1**	157,660	81.00	5689	96.5	460	708.0
575 volt									
100	1200	R444T	**1PC65254SC113AA1**	39,400	44.00	1949	94.5	575	103.0
125	1800	R444T	**1PC65254SB113AA1**	30,500	44.00	1401	95.4	575	132.0
	1200	R445T	**1PC65254SC213AA1**	41,340	44.00	1768	94.7	575	127.0
150	1800	R445T	**1PC65254SB213AA1**	35,320	44.00	1564	96.0	575	156.0
	1200	R447T	**1PC65254TC113AA1**	47,540	47.50	1966	94.9	575	159.0
200	1800	R447T	**1PC65254TB113AA1**	43,620	47.50	1740	96.4	575	204.0
	1200	R449T	**1PC65254TC213AA1**	57,900	52.50	2365	95.2	575	2.0
250	1800	R449T	**1PC65254TB213AA1**	54,180	52.50	2175	96.4	575	248.0
	1200	R449T	**1PC65254TC313AA1**	73,460	52.50	2307	95.2	575	248.0
		R586	**1PC65255TC213AA1**	114,790	73.10	5680	95.5	575	235.0
300	1800	R449T	**1PC65254TB313AA1**	63,620	52.50	2356	96.7	575	307.0
		R586	**1PC65255TB113AA1**	84,150	73.10	4547	95.3	575	285.0
	1200	R586	**1PC65255TC313AA1**	116,120	73.10	4617	95.7	575	285.0
		RL449T	**1PC65254UC113AA1**	84,770	61.10	2875	95.3	575	309.0
350	1800	R586	**1PC65255TB213AA1**	87,290	73.10	4560	95.4	575	335.0
		RL449T	**1PC65254UB113AA1**	74,020	61.10	2670	96.6	575	338.0
	1200	R587	**1PC65255TC413AA1**	120,700	73.10	4837	96.3	575	334.0
		R5010	**1PC65255RC213AA1**	120,710	73.10	4499	96.3	575	334.0
400	1800	R586	**1PC65255TB313AA1**	89,760	73.13	4604	96.2	575	384.0
		RL449T	**1PC65254UB213AA1**	84,390	61.11	2827	96.2	575	396.0
	1200	R587	**1PC65255TC513AA1**	129,250	73.10	4998	96.2	575	383.0
		R5011	**1PC65255RC813AA1**	123,950	73.13	3196	96.2	575	383.0
450	1800	R587	**1PC65255TB513AA1**	91,620	73.10	4815	95.9	575	425.0
		R5010	**1PC65255RB213AA1**	90,700	73.10	4824	95.9	575	425.0
	1200	R589	**1PC65255UC413AA1**	140,180	73.10	5854	96.3	575	424.0
500	1800	R587	**1PC65255TB613AA1**	96,310	73.13	5187	96.7	575	463.0
		R5011	**1PC65255RB813AA1**	95,350	73.13	4578	96.7	575	463.0
	1200	R5810	**1PC65255UC513AA1**	149,950	81.00	5990	96.2	575	472.0
600	1800	R588	**1PC65255TB713AA1**	102,520	73.10	5242	97.0	575	553.0
	1200	R5811	**1PC65255UC613AA1**	165,543	81.00	5874	96.5	575	567.0

Cast iron frame

Red catalog number indicates **NEW** product

Explosion Proof



Explosion Proof

Explosion Proof low voltage ABB NEMA motors are not only designed and built to operate under harsh environments in the industry and meet or exceed the NEMA Premium® efficiency, but they are also comply with the highest requirements for safety and protection established by the NFPA 70 code NEC®. The motors are prepared for gas and dust hazardous atmospheres and the IP65 ingress protection provides reliability and safety assurance in all cases.



XP100



XP100 ID1

Product Line		XP100	XP100 ID1
NEMA Frame	Frame size range	140T - 449T	140T - 449T
Hp	3600 RPM	1 - 300	1 - 300
	1800 RPM	1 - 300	1 - 300
	1200 RPM	1 - 250	1 - 200
	900 RPM	1 - 200	–
Voltage 60 Hz	230/460V (1 - 100HP)	S	S
	460V	S	S
	575V	S	S
Division 1 Certifications			
Class & Group	Class I, Group C & D & Class II, Group F & G	S	–
	Class I, Group C & D	–	S
Electrical features			
Efficiency	ABB NEMA motors meet or exceed all efficiency requirements for US, Canada and Mexico regulations	S	S
Service factor at ambient	1.15 @ 55°C (Temp Code T3C)	143T - 365T	143T - 449T
	1.15 @ 55°C (Temp Code T2A)	–	143T - 449T
	1.15 @ 55°C (Temp Code T3)	364T - 447T	–
	1.15 @ 40°C (Temp Code T3C)	364T - 447T	–
	1.0 @ 40°C (Temp Code T3C)	449T	–
Temp rise	Class F insulation with Class B rise @ 1.0 service factor	S	S
Inverter	Variable Torque 20:1	S	S
	Constant Torque 4:1 (140 - 447 frames)	S	S
Mechanical features			
Frame	Cast iron frame – cast iron endplates	S	S
Fan cover	Cast iron fan cover	S	S
Conduit box	Oversized cast iron	S	S
IP code	IP65	S	S
Other Key Features			
Warranty	Warranty - in number of months from shipment	36	36

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

XP100
1 thru 300 hp

IP65*

Features
- Class F insulation, Class B temp rise
- Division 1 Class I, Group C&D
- Division 1 Class II, Group F&G
- Inverter Duty nameplate
- All cast iron construction
- UL & CSA certified
- Double-shielded regreasable inlet and outlet
- NEMA Premium efficient
- Bidirectional fan

Applications
- Pumps
- Fans
- Compressors
- Petrochemical
- Oil & Gas
- Paper mills
- Water and waste water

XP100, foot mounted

*IP66 for 360 frame and larger



Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt											
1	1800	143T	**1MB21211AB214AG3**	Ⓢ	T3C	1,724	15.27	77	85.5	230/460	1.4
	1200	145T	**1MB21211AC314AG3**	Ⓢ	T3C	2,028	15.27	88	82.5	230/460	1.6
	900	182T	**1MB21211CD114AG3**	Ⓢ	T3C	3,748	16.87	99	81.5	230/460	2.1
1 1/2	3600	143T	**1MB21211AA214AG3**	Ⓢ	T3C	1,810	15.27	77	84.0	230/460	2.0
	1800	145T	**1MB21211AB314AG3**	Ⓢ	T3C	1,854	15.27	88	86.5	230/460	2.1
	1200	182T	**1MB21211CC114AG3**	Ⓢ	T3C	2,212	16.87	105	87.5	230/460	2.4
	900	184T	**1MB21211CD314AG3**	Ⓢ	T3C	4,412	16.87	125	82.5	230/460	3.0
2	3600	145T	**1MB21211AA314AG3**	Ⓢ	T3C	2,056	15.27	63	85.5	230/460	2.5
	1800	145T	**1MB21211AB414AG3**	Ⓢ	T3C	1,980	15.27	88	86.5	230/460	2.7
	1200	184T	**1MB21211CC314AG3**	Ⓢ	T3C	2,498	16.87	125	88.5	230/460	3.2
	900	213T	**1MB21212AD114AG3**	Ⓢ	T3C	5,278	19.97	160	84.0	230/460	3.3
3	3600	182T	**1MB21211CA114AG3**	Ⓢ	T3C	2,246	16.87	88	86.5	230/460	3.8
	1800	182T	**1MB21211CB114AG3**	Ⓢ	T3C	2,230	16.87	112	89.5	230/460	4.0
	1200	213T	**1MB21212AC114AG3**	Ⓢ	T3C	3,044	19.97	173	89.5	230/460	4.3
	900	215T	**1MB21212AD214AG3**	Ⓢ	T3C	6,340	19.97	171	85.5	230/460	4.8
5	3600	184T	**1MB21211CA314AG3**	Ⓢ	T3C	3,004	16.87	105	88.5	230/460	6.0
	1800	184T	**1MB21211CB314AG3**	Ⓢ	T3C	2,732	16.87	125	89.5	230/460	6.4
	1200	215T	**1MB21212AC214AG3**	Ⓢ	T3C	4,342	19.97	180	89.5	230/460	6.7
	900	254T	**1MB21212BD114AG3**	Ⓢ	T3C	7,232	25.77	270	86.5	230/460	8.8
7 1/2	3600	213T	**1MB21212AA114AG3**	Ⓢ	T3C	3,390	19.97	165	89.5	230/460	8.8
	1800	213T	**1MB21212AB114AG3**	Ⓢ	T3C	3,360	19.97	195	91.7	230/460	9.7
	1200	254T	**1MB21212BC114AG3**	Ⓢ	T3C	5,254	25.77	283	91.0	230/460	10.0

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

Cast iron frame

XP100, foot mounted

*IP66 for 360 frame and larger

Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt											
7 1/2	900	256T	**1MB21212BD214AG3**	Ⓢ	T3C	8,262	25.77	299	87.5	230/460	12.5
10	3600	215T	**1MB21212AA214AG3**	Ⓢ	T3C	3,930	19.97	176	90.2	230/460	11.5
	1800	215T	**1MB21212AB214AG3**	Ⓢ	T3C	3,990	19.97	202	91.7	230/460	12.5
	1200	256T	**1MB21212BC214AG3**	Ⓢ	T3C	6,376	25.77	303	91.0	230/460	13.5
	900	284T	**1MB21212CD116AG3**	Ⓢ	T3C	10,248	29.40	486	90.2	230/460	17.0
15	3600	254T	**1MB21212BA114AG3**	Ⓢ	T3C	5,342	25.77	281	91.0	230/460	17.5
	1800	254T	**1MB21212BB114AG3**	Ⓢ	T3C	5,246	25.77	305	92.4	230/460	19.0
	1200	284T	**1MB21212CC116AG3**	Ⓢ	T3C	8,830	29.40	479	91.7	230/460	21.0
	900	286T	**1MB21212CD216AG3**	Ⓢ	T3C	13,148	29.40	521	90.2	230/460	26.0
20	3600	256T	**1MB21212BA214AG3**	Ⓢ	T3C	6,592	25.77	308	91.0	230/460	22.5
	1800	256T	**1MB21212BB214AG3**	Ⓢ	T3C	6,504	25.77	341	93.0	230/460	25.0
	1200	286T	**1MB21212CC216AG3**	Ⓢ	T3C	10,774	29.40	506	91.7	230/460	27.0
	900	324T	**1MB21213AD116AG3**	Ⓢ	T3C	16,964	32.08	633	91.0	230/460	31.0
25	3600	284TS	**1MB21212DA116AG3**	Ⓢ	T3C	8,150	28.03	525	91.7	230/460	29.0
	1800	284T	**1MB21212CB116AG3**	Ⓢ	T3C	7,824	29.40	486	93.6	230/460	30.0
	1200	324T	**1MB21213AC116AG3**	Ⓢ	T3C	13,000	32.08	741	93.0	230/460	33.0
30	3600	286TS	**1MB21212DA216AG3**	Ⓢ	T3C	9,514	28.03	519	91.7	230/460	34.0
	1800	286T	**1MB21212CB216AG3**	Ⓢ	T3C	9,092	29.40	510	93.6	230/460	35.0
	1200	326T	**1MB21213AC216AG3**	Ⓢ	T3C	15,036	32.08	679	93.0	230/460	39.0
	900	364T	**1MB21213CD116AG3**	Ⓢ	T3C	20,840	35.28	858	91.7	230/460	41.0
40	3600	324TS	**1MB21213BA116AG3**	Ⓢ	T3C	12,088	30.58	605	93.6	230/460	45.0
	1800	324T	**1MB21213AB116AG3**	Ⓢ	T3C	11,626	32.08	651	94.1	230/460	46.0
	1200	364T	**1MB21213CC116AG3**	Ⓢ	T3C	19,384	35.28	833	94.1	230/460	49.0
50	3600	326TS	**1MB21213BA216AG3**	Ⓢ	T3C	15,416	30.58	609	93.6	230/460	55.0
	1800	326T	**1MB21213AB216AG3**	Ⓢ	T3C	14,162	32.08	693	94.5	230/460	58.0
	1200	365T	**1MB21213CC216AG3**	Ⓢ	T3C	22,382	35.28	862	94.1	230/460	62.0
	900	404T	**1MB21214AD116AG3**	Ⓢ	T3C	31,956	39.52	1047	92.4	230/460	67.0
60	3600	364TS	**1MB21213DA116AG3**	Ⓢ	T3C	18,698	33.16	787	93.6	230/460	68.0
	1800	364T	**1MB21213CB116AG3**	Ⓢ	T3C	18,496	35.28	888	95.0	230/460	68.0
	1200	404T	**1MB21214AC116AG3**	Ⓢ	T3C	24,840	39.52	1051	94.5	230/460	74.0
	900	405T	**1MB21214AD216AG3**	Ⓢ	T3C	36,332	39.52	1040	92.4	230/460	78.0
75	3600	365TS	**1MB21213DA216AG3**	Ⓢ	T3C	22,800	33.16	943	94.1	230/460	86.0
	1800	365T	**1MB21213CB216AG3**	Ⓢ	T3C	22,738	35.28	959	95.4	230/460	85.0
	1200	405T	**1MB21214AC216AG3**	Ⓢ	T3C	28,526	39.52	1023	94.5	230/460	93.0
100	3600	405TS	**1MB21214BA216AG3**	Ⓢ	T3C	32,106	36.52	1018	94.1	230/460	108.0
	1800	405T	**1MB21214AB216AG3**	Ⓢ	T3C	29,804	39.52	1148	95.4	230/460	113.0
	1200	444T	**1MB21214CC116AG3**	Ⓢ	T3C	41,360	45.58	1548	95.0	230/460	117.0
	900	445T	**1MB21214CD216AG3**	Ⓢ	T3C	47,432	45.58	1766	94.1	230/460	123.0
460 volt											
125	3600	444TS	**1MB21214DA112AG3**	Ⓢ	T3C	39,146	41.83	1447	95.0	460	138.0
	1800	444T	**1MB21214CB112AG3**	Ⓢ	T3C	37,778	45.58	1628	95.4	460	143.0
		444TS	**1MB21214DB112AG3**	Ⓢ	T3C	36,562	41.83	1592	95.4	460	143.0
		B444T	**1MB21214EB112AG3**	Ⓢ	T3C	36,562	45.58	1619	95.4	460	143.0
	1200	445T	**1MB21214CC212AG3**	Ⓢ	T3C	46,504	45.58	1766	95.0	460	144.0

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

Cast iron frame

XP100, foot mounted

*IP66 for 360 frame and larger

Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt											
150	3600	445TS	**1MB21214DA212AG3**	⑤	T3C	48,096	41.83	1608	95.0	460	164.0
	1800	445T	**1MB21214CB212AG3**	⑤	T3C	44,782	45.58	1931	95.8	460	170.0
		445TS	**1MB21214DB212AG3**	⑤	T3C	43,566	41.83	1702	95.8	460	170.0
		B445T	**1MB21214EB212AG3**	⑤	T3C	43,566	45.58	1788	95.8	460	170.0
	1200	447T	**1MB21214CC312AG3**	⑤	T3C	53,450	49.08	2037	95.8	460	172.0
	900	449T	**1MB21214CD512AG3**	⑤	T3C	73,908	54.08	2422	94.1	460	180.0
200	3600	447TS	**1MB21214DA312AG3**	⑤	T3C	61,426	45.33	2246	95.4	460	216.0
	1800	447T	**1MB21214CB312AG3**	⑤	T3C	54,896	49.08	2404	96.2	460	228.0
		447TS	**1MB21214DB312AG3**	⑤	T3C	53,680	45.33	2246	96.2	460	228.0
		B447T	**1MB21214EB312AG3**	⑤	T3C	53,680	49.08	2424	96.2	460	228.0
	1200	449T	**1MB21214CC512AG3**	⑤	T3C	63,518	54.08	2439	95.8	460	227.0
		B449T	**1MB21214EC512AG3**	⑤	T3C	62,302	54.08	2434	95.8	460	227.0
	900	449T	**1MB21214CD612AG3**	⑤	T3C	79,330	54.08	2422	94.5	460	240.0
250	3600	449TS	**1MB21214DA512AG3**	⑤	T3C	75,146	50.33	2296	95.8	460	265.0
	1800	449T	**1MB21214CB512AG3**	⑤	T3C	65,762	54.08	2406	96.2	460	278.0
		449TS	**1MB21214DB512AG3**	⑤	T3C	64,546	50.33	2378	96.2	460	278.0
		B449T	**1MB21214EB512AG3**	⑤	T3C	64,546	54.08	2442	96.2	460	278.0
	1200	449TS	**1MB21214DC612AG3**	⑤	T3C	76,190	50.33	2395	95.8	460	281.0
300	3600	449TS	**1MB21214DA612AG3**	⑤	T3C	110,452	50.33	2296	95.8	460	325.0
	1800	449T	**1MB21214CB612AG3**	⑤	T3C	84,166	54.08	2406	96.2	460	338.0
		449TS	**1MB21214DB612AG3**	⑤	T3C	82,950	50.33	2378	96.2	460	338.0
		B449T	**1MB21214EB612AG3**	⑤	T3C	82,950	54.08	2442	96.2	460	338.0
575 volt											
1	1800	143T	**1MB21211AB213AG3**	⑤	T3C	1,724	15.27	77	85.5	575	1.1
	1200	145T	**1MB21211AC313AG3**	⑤	T3C	2,028	15.27	88	82.5	575	1.3
	900	182T	**1MB21211CD113AG3**	⑤	T3C	3,748	16.87	99	81.5	575	1.7
1 1/2	3600	143T	**1MB21211AA213AG3**	⑤	T3C	1,810	15.27	55	84.0	575	1.6
	1800	145T	**1MB21211AB313AG3**	⑤	T3C	1,854	15.27	88	86.5	575	1.7
	1200	182T	**1MB21211CC113AG3**	⑤	T3C	2,212	16.87	105	87.5	575	1.9
	900	184T	**1MB21211CD313AG3**	⑤	T3C	4,412	16.87	125	82.5	575	2.4
2	3600	145T	**1MB21211AA313AG3**	⑤	T3C	2,056	15.27	63	85.5	575	2.0
	1800	145T	**1MB21211AB413AG3**	⑤	T3C	1,980	15.27	88	86.5	575	2.2
	1200	184T	**1MB21211CC313AG3**	⑤	T3C	2,498	16.87	125	88.5	575	2.6
	900	213T	**1MB21212AD113AG3**	⑤	T3C	5,278	19.97	160	84.0	575	2.6
3	3600	182T	**1MB21211CA113AG3**	⑤	T3C	2,246	16.87	88	86.5	575	3.0
	1800	182T	**1MB21211CB113AG3**	⑤	T3C	2,230	16.87	112	89.5	575	3.2
	1200	213T	**1MB21212AC113AG3**	⑤	T3C	3,044	19.97	173	89.5	575	3.4
	900	215T	**1MB21212AD213AG3**	⑤	T3C	6,340	19.97	171	85.5	575	3.8
5	3600	184T	**1MB21211CA313AG3**	⑤	T3C	3,004	16.87	105	88.5	575	4.8
	1800	184T	**1MB21211CB313AG3**	⑤	T3C	2,732	16.87	125	89.5	575	5.1
	1200	215T	**1MB21212AC213AG3**	⑤	T3C	4,342	19.97	180	89.5	575	5.4
7 1/2	3600	213T	**1MB21212AA113AG3**	⑤	T3C	3,390	19.97	165	89.5	575	7.0
	1800	213T	**1MB21212AB113AG3**	⑤	T3C	3,360	19.97	187	91.7	575	7.8
	1200	254T	**1MB21212BC113AG3**	⑤	T3C	5,254	25.77	283	91.0	575	8.0

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

Cast iron frame

XP100, foot mounted

*IP66 for 360 frame and larger

Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
575 volt											
10	3600	215T	**1MB21212AA213AG3**	⑤	T3C	3,930	19.97	176	90.2	575	9.2
	1800	215T	**1MB21212AB213AG3**	⑤	T3C	3,990	19.97	191	91.7	575	10.0
	1200	256T	**1MB21212BC213AG3**	⑤	T3C	6,376	25.77	303	91.0	575	10.8
	900	284T	**1MB21212CD113AG3**	⑤	T3C	10,248	29.40	486	90.2	575	13.6
15	3600	254T	**1MB21212BA113AG3**	⑤	T3C	5,342	25.77	281	91.0	575	14.0
	1800	254T	**1MB21212BB113AG3**	⑤	T3C	5,246	25.77	305	92.4	575	15.2
	1200	284T	**1MB21212CC113AG3**	⑤	T3C	8,830	29.40	479	91.7	575	16.8
	900	286T	**1MB21212CD213AG3**	⑤	T3C	13,148	29.40	521	90.2	575	21.0
20	3600	256T	**1MB21212BA213AG3**	⑤	T3C	6,592	25.77	308	91.0	575	18.0
	1800	256T	**1MB21212BB213AG3**	⑤	T3C	6,504	25.77	341	93.0	575	20.0
	1200	286T	**1MB21212CC213AG3**	⑤	T3C	10,774	29.40	506	91.7	575	21.6
25	3600	284TS	**1MB21212DA113AG3**	⑤	T3C	8,150	28.03	525	91.7	575	23.2
	1800	284T	**1MB21212CB113AG3**	⑤	T3C	7,824	29.40	486	93.6	575	24.0
	1200	324T	**1MB21213AC113AG3**	⑤	T3C	13,000	32.08	741	93.0	575	26.4
	900	326T	**1MB21213AD213AG3**	⑤	T3C	19,770	32.08	679	90.2	575	32.0
30	3600	286TS	**1MB21212DA213AG3**	⑤	T3C	9,514	28.03	519	91.7	575	27.2
	1800	286T	**1MB21212CB213AG3**	⑤	T3C	9,092	29.40	510	93.6	575	28.0
	1200	326T	**1MB21213AC213AG3**	⑤	T3C	15,036	32.08	679	93.0	575	31.2
	900	364T	**1MB21213CD113AG3**	⑤	T3C	20,840	35.28	858	91.7	575	33.0
40	3600	324TS	**1MB21213BA113AG3**	⑤	T3C	12,088	30.58	605	93.6	575	36.0
	1800	324T	**1MB21213AB113AG3**	⑤	T3C	11,626	32.08	651	94.1	575	36.8
50	3600	326TS	**1MB21213BA213AG3**	⑤	T3C	15,416	30.58	609	93.6	575	44.0
	1800	326T	**1MB21213AB213AG3**	⑤	T3C	14,162	32.08	693	94.5	575	46.4
	1200	365T	**1MB21213CC213AG3**	⑤	T3C	22,382	35.28	862	94.1	575	49.6
	900	404T	**1MB21214AD113AG3**	⑤	T3C	31,956	39.52	1047	92.4	575	53.6
60	3600	364TS	**1MB21213DA113AG3**	⑤	T3C	18,698	33.16	787	93.6	575	54.4
	1800	364T	**1MB21213CB113AG3**	⑤	T3C	18,496	35.28	888	95.0	575	54.4
75	3600	365TS	**1MB21213DA213AG3**	⑤	T3C	22,800	33.16	897	94.1	575	68.8
	1800	365T	**1MB21213CB213AG3**	⑤	T3C	22,738	35.28	959	95.4	575	68.0
	1200	405T	**1MB21214AC213AG3**	⑤	T3C	28,526	39.52	1023	94.5	575	74.4
	900	444T	**1MB21214CD113AG3**	⑤	T3C	45,054	45.58	1548	93.6	575	75.2
100	3600	405TS	**1MB21214BA213AG3**	⑤	T3C	32,106	36.52	1018	94.1	575	86.4
	1800	405T	**1MB21214AB213AG3**	⑤	T3C	29,804	39.52	1148	95.4	575	90.4
	1200	444T	**1MB21214CC113AG3**	⑤	T3C	41,360	45.58	1548	95.0	575	93.6
125	1800	444T	**1MB21214CB113AG3**	⑤	T3C	37,778	45.58	1628	95.4	575	114.4
		444TS	**1MB21214DB113AG3**	⑤	T3C	36,562	41.83	1592	95.4	575	114.4
	1200	445T	**1MB21214CC213AG3**	⑤	T3C	46,504	45.58	1766	95.0	575	115.2
150	3600	445TS	**1MB21214DA213AG3**	⑤	T3C	48,096	41.83	1608	95.0	575	131.2
	1800	445T	**1MB21214CB213AG3**	⑤	T3C	44,782	45.58	1931	95.8	575	136.0
200	3600	447TS	**1MB21214DA313AG3**	⑤	T3C	61,426	45.33	2246	95.4	575	172.8
	1800	447T	**1MB21214CB313AG3**	⑤	T3C	54,896	49.08	2409	96.2	575	182.4
200	1800	B447T	**1MB21214EB313AG3**	⑤	T3C	53,680	49.08	2505	96.2	575	182.4
300	3600	449TS	**1MB21214DA613AG3**	⑤	T3C	110,452	50.33	2296	95.8	575	260.0
300	1800	B449T	**1MB21214EB613AG3**	⑤	T3C	82,950	54.08	2442	96.2	575	270.4

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

Cast iron frame

XP100, C-face foot mounted



Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt											
1	1800	143TC	1MB21211AB214EG3	⑤	T3C	1,750	15.27	77	85.5	230/460	1.4
		143TC	1MB21211AB216EG3	⑤	T3C	1,750	15.27	79	85.5	230/460	1.4
	1200	145TC	1MB21211AC314EG3	⑤	T3C	2,050	15.27	88	82.5	230/460	1.6
		145TC	1MB21211AC316EG3	⑤	T3C	2,050	15.27	88	82.5	230/460	1.6
1.5	3600	143TC	1MB21211AA214EG3	⑤	T3C	1,860	15.27	77	84.0	230/460	2.0
		143TC	1MB21211AA216EG3	⑤	T3C	1,860	15.27	77	84.0	230/460	2.0
	1800	145TC	1MB21211AB314EG3	⑤	T3C	1,900	15.27	88	86.5	230/460	2.1
		145TC	1MB21211AB316EG3	⑤	T3C	1,900	15.27	88	86.5	230/460	2.1
	1200	182TC	1MB21211CC114EG3	⑤	T3C	2,290	16.87	105	87.5	230/460	2.4
		182TC	1MB21211CC116EG3	⑤	T3C	2,290	16.87	105	87.5	230/460	2.4
2	3600	145TC	1MB21211AA314EG3	⑤	T3C	2,110	15.27	63	85.5	230/460	2.5
		145TC	1MB21211AA316EG3	⑤	T3C	2,110	15.27	63	85.5	230/460	2.5
	1800	145TC	1MB21211AB414EG3	⑤	T3C	2,030	15.27	88	86.5	230/460	2.7
		145TC	1MB21211AB416EG3	⑤	T3C	2,030	15.27	88	86.5	230/460	2.7
	1200	184TC	1MB21211CC314EG3	⑤	T3C	2,570	16.87	125	88.5	230/460	3.2
		184TC	1MB21211CC316EG3	⑤	T3C	2,570	16.87	125	88.5	230/460	3.2
3	3600	182TC	1MB21211CA114EG3	⑤	T3C	2,330	16.87	88	86.5	230/460	3.8
		182TC	1MB21211CA116EG3	⑤	T3C	2,330	16.87	88	86.5	230/460	3.8
	1800	182TC	1MB21211CB114EG3	⑤	T3C	2,310	16.87	112	89.5	230/460	4.0
		182TC	1MB21211CB116EG3	⑤	T3C	2,310	16.87	112	89.5	230/460	4.0
	1200	213TC	1MB21212AC114EG3	⑤	T3C	3,170	19.97	173	89.5	230/460	4.3
		213TC	1MB21212AC116EG3	⑤	T3C	3,170	19.97	173	89.5	230/460	4.3
5	3600	184TC	1MB21211CA316EG3	⑤	T3C	3,100	16.87	105	88.5	230/460	6.0
		184TC	1MB21211CA314EG3	⑤	T3C	3,100	16.87	105	88.5	230/460	6.0
	1800	184TC	1MB21211CB314EG3	⑤	T3C	2,790	16.87	125	89.5	230/460	6.4
		184TC	1MB21211CB316EG3	⑤	T3C	2,790	16.87	125	89.5	230/460	6.4
	1200	215TC	1MB21212AC214EG3	⑤	T3C	4,530	19.97	180	89.5	230/460	6.7
		215TC	1MB21212AC216EG3	⑤	T3C	4,530	19.97	180	89.5	230/460	6.7
7.5	3600	213TC	1MB21212AA114EG3	⑤	T3C	3,540	19.97	165	89.5	230/460	8.8
		213TC	1MB21212AA116EG3	⑤	T3C	3,540	19.97	165	89.5	230/460	8.8
	1800	213TC	1MB21212AB114EG3	⑤	T3C	3,510	19.97	187	91.7	230/460	9.7
		213TC	1MB21212AB116EG3	⑤	T3C	3,510	19.97	184	91.7	230/460	9.7
	1200	254TC	1MB21212BC114EG3	⑤	T3C	5,440	25.77	283	91.0	230/460	10.0
		254TC	1MB21212BC116EG3	⑤	T3C	5,440	25.77	283	91.0	230/460	10.0
10	3600	215TC	1MB21212AA214EG3	⑤	T3C	4,100	19.97	176	90.2	230/460	11.5
		215TC	1MB21212AA216EG3	⑤	T3C	4,100	19.97	176	90.2	230/460	11.5
	1800	215TC	1MB21212AB214EG3	⑤	T3C	4,170	19.97	202	91.7	230/460	12.5
		215TC	1MB21212AB216EG3	⑤	T3C	4,170	19.97	202	91.7	230/460	12.5

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

Cast iron frame

Red catalog number indicates **NEW** product

XP100, C-face foot mounted

Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt											
10	1200	256TC	1MB21212BC214EG3	⑤	T3C	6,600	25.77	303	91.0	230/460	13.5
		256TC	1MB21212BC216EG3	⑤	T3C	6,600	25.77	303	91.0	230/460	13.5
15	3600	254TC	1MB21212BA114EG3	⑤	T3C	5,570	25.77	281	91.0	230/460	17.5
		254TC	1MB21212BA116EG3	⑤	T3C	5,570	25.77	281	91.0	230/460	17.5
	1800	254TC	1MB21212BB114EG3	⑤	T3C	5,470	25.77	314	92.4	230/460	19.0
		254TC	1MB21212BB116EG3	⑤	T3C	5,470	25.77	305	92.4	230/460	19.0
	1200	284TC	1MB21212CC116EG3	⑤	T3C	9,080	29.40	479	91.7	230/460	21.0
20	3600	256TC	1MB21212BA214EG3	⑤	T3C	6,830	25.77	308	91.0	230/460	22.5
		256TC	1MB21212BA216EG3	⑤	T3C	6,830	25.77	308	91.0	230/460	22.5
	1800	256TC	1MB21212BB214EG3	⑤	T3C	6,760	25.77	341	93.0	230/460	25.0
		256TC	1MB21212BB216EG3	⑤	T3C	6,760	25.77	341	93.0	230/460	25.0
	1200	286TC	1MB21212CC216EG3	⑤	T3C	11,080	29.40	506	91.7	230/460	27.0
25	3600	284TSC	1MB21212DA116EG3	⑤	T3C	8,430	28.03	525	91.7	230/460	29.0
	1800	284TC	1MB21212CB116EG3	⑤	T3C	7,950	29.40	486	93.6	230/460	30.0
	1200	324TC	1MB21213AC116EG3	⑤	T3C	13,060	32.08	741	93.0	230/460	33.0
30	3600	286TSC	1MB21212DA216EG3	⑤	T3C	9,840	28.03	519	91.7	230/460	34.0
	1800	286TC	1MB21212CB216EG3	⑤	T3C	9,490	29.40	510	93.6	230/460	35.0
	1200	326TC	1MB21213AC216EG3	⑤	T3C	15,100	32.08	679	93.0	230/460	39.0
40	3600	324TSC	1MB21213BA116EG3	⑤	T3C	12,150	30.58	605	93.6	230/460	45.0
	1800	324TC	1MB21213AB116EG3	⑤	T3C	11,700	32.08	651	94.1	230/460	46.0
	1200	364TC	1MB21213CC116EG3	⑤	T3C	20,140	35.28	833	94.1	230/460	49.0
50	3600	326TSC	1MB21213BA216EG3	⑤	T3C	15,510	30.58	609	93.6	230/460	55.0
	1800	326TC	1MB21213AB216EG3	⑤	T3C	14,140	32.08	708	94.5	230/460	58.0
	1200	365TC	1MB21213CC216EG3	⑤	T3C	23,260	35.28	862	94.1	230/460	62.0
60	3600	364TSC	1MB21213DA116EG3	⑤	T3C	19,420	33.16	787	93.6	230/460	68.0
	1800	364TC	1MB21213CB116EG3	⑤	T3C	19,220	35.28	888	95.0	230/460	68.0
	1200	404TC	1MB21214AC116EG3	⑤	T3C	26,190	39.52	1051	94.5	230/460	74.0
75	3600	365TSC	1MB21213DA216EG3	⑤	T3C	23,660	33.16	943	94.1	230/460	86.0
	1800	365TC	1MB21213CB216EG3	⑤	T3C	23,610	35.28	959	95.4	230/460	85.0
	1200	405TC	1MB21214AC216EG3	⑤	T3C	30,020	39.52	1023	94.5	230/460	93.0
100	3600	405TSC	1MB21214BA216EG3	⑤	T3C	33,830	36.52	1018	94.1	230/460	108.0
	1800	405TC	1MB21214AB216EG3	⑤	T3C	31,400	39.52	1148	95.4	230/460	113.0
	1200	444TC	1MB21214CC116EG3	⑤	T3C	43,230	45.58	1619	95.0	230/460	117.0
460 volt											
125	3600	444TSC	1MB21214DA112EG3	⑤	T3C	40,940	41.83	1520	95.0	460	138.0
	1800	444TC	1MB21214CB112EG3	⑤	T3C	39,470	45.58	1628	95.4	460	143.0
		444TSC	1MB21214DB112EG3	⑤	T3C	38,230	41.83	1663	95.4	460	143.0
		B444TC	1MB21214EB112EG3	⑤	T3C	38,170	45.58	1691	95.4	460	143.0
	1200	445TC	1MB21214CC212EG3	⑤	T3C	48,420	45.58	1837	95.0	460	144.0
150	3600	445TSC	1MB21214DA212EG3	⑤	T3C	50,150	41.83	1680	95.0	460	164.0
	1800	445TC	1MB21214CB212EG3	⑤	T3C	46,690	45.58	2004	95.8	460	170.0
		445TSC	1MB21214DB212EG3	⑤	T3C	45,440	41.83	1773	95.8	460	170.0
		B445TC	1MB21214EB212EG3	⑤	T3C	45,370	45.58	1859	95.8	460	170.0
	1200	447TC	1MB21214CC312EG3	⑤	T3C	54,540	49.08	2120	95.8	460	172.0

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

Cast iron frame

Red catalog number indicates **NEW** product

XP100, C-face foot mounted

Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt											
200	3600	447TSC	1MB21214DA312EG3	⑤	T3C	63,410	45.33	2327	95.4	460	216.0
	1800	447TC	1MB21214CB312EG3	⑤	T3C	56,180	49.08	2486	96.2	460	228.0
		447TSC	1MB21214DB312EG3	⑤	T3C	55,530	45.33	2327	96.2	460	228.0
		B447TC	1MB21214EB312EG3	⑤	T3C	55,190	49.08	2505	96.2	460	228.0
	1200	449TC	1MB21214CC512EG3	⑤	T3C	73,110	54.08	2525	95.8	460	227.0
		B449TC	1MB21214EC512EG3	⑤	T3C	68,380	54.08	2521	95.8	460	227.0
250	3600	449TSC	1MB21214DA512EG3	⑤	T3C	78,310	50.33	2382	95.8	460	265.0
	1800	449TC	1MB21214CB512EG3	⑤	T3C	67,770	54.08	2492	96.2	460	278.0
		449TSC	1MB21214DB512EG3	⑤	T3C	67,280	50.33	2464	96.2	460	278.0
		B449TC	1MB21214EB512EG3	⑤	T3C	67,160	54.08	2527	96.2	460	278.0
	1200	449TSC	1MB21214DC612EG3	⑤	T3C	79,280	50.33	2481	95.8	460	281.0
300	3600	449TSC	1MB21214DA612EG3	⑤	T3C	114,980	50.33	2382	95.8	460	325.0
	1800	449TC	1MB21214CB612EG3	⑤	T3C	86,260	54.08	2492	96.2	460	338.0
		449TSC	1MB21214DB612EG3	⑤	T3C	86,960	50.33	2464	96.2	460	338.0
		B449T	1MB21214EB613EG3	⑤	T3C	84,840	54.08	2527	96.2	575	270.4
		B449TC	1MB21214EB612EG3	⑤	T3C	85,730	54.08	2527	96.2	460	338.0
575 volt											
1	1800	143TC	1MB21211AB213EG3	⑤	T3C	1,770	15.27	116	85.5	575	1.1
	1200	145TC	1MB21211AC313EG3	⑤	T3C	2,060	15.27	88	82.5	575	1.3
1.5	3600	143TC	1MB21211AA213EG3	⑤	T3C	1,860	15.27	55	84.0	575	1.6
	1800	145TC	1MB21211AB313EG3	⑤	T3C	1,910	15.27	90	86.5	575	1.7
	1200	182TC	1MB21211CC113EG3	⑤	T3C	2,270	16.87	105	87.5	575	1.9
2	3600	145TC	1MB21211AA313EG3	⑤	T3C	2,110	15.27	63	85.5	575	2.0
	1800	145TC	1MB21211AB413EG3	⑤	T3C	2,050	15.27	90	86.5	575	2.2
	1200	184TC	1MB21211CC313EG3	⑤	T3C	2,580	16.87	125	88.5	575	2.6
3	3600	182TC	1MB21211CA113EG3	⑤	T3C	2,330	16.87	88	86.5	575	3.0
	1800	182TC	1MB21211CB113EG3	⑤	T3C	2,320	16.87	112	89.5	575	3.2
	1200	213TC	1MB21212AC113EG3	⑤	T3C	3,170	19.97	173	89.5	575	3.4
5	3600	184TC	1MB21211CA313EG3	⑤	T3C	3,080	16.87	105	88.5	575	4.8
	1800	184TC	1MB21211CB313EG3	⑤	T3C	2,840	16.87	125	89.5	575	5.1
	1200	215TC	1MB21212AC213EG3	⑤	T3C	4,530	19.97	180	89.5	575	5.4
7.5	3600	213TC	1MB21212AA113EG3	⑤	T3C	3,540	19.97	165	89.5	575	7.0
	1800	213TC	1MB21212AB113EG3	⑤	T3C	3,540	19.97	200	91.7	575	7.8
	1200	254TC	1MB21212BC113EG3	⑤	T3C	5,440	25.77	283	91.0	575	8.0
10	3600	215TC	1MB21212AA213EG3	⑤	T3C	4,100	19.97	176	90.2	575	9.2
	1800	215TC	1MB21212AB213EG3	⑤	T3C	4,150	19.97	191	91.7	575	10.0
	1200	256TC	1MB21212BC213EG3	⑤	T3C	6,600	25.77	303	91.0	575	10.8
15	3600	254TC	1MB21212BA113EG3	⑤	T3C	5,570	25.77	281	91.0	575	14.0
	1800	254TC	1MB21212BB113EG3	⑤	T3C	5,520	25.77	319	92.4	575	15.2
	1200	284TC	1MB21212CC113EG3	⑤	T3C	9,090	29.40	479	91.7	575	16.8
20	3600	256TC	1MB21212BA213EG3	⑤	T3C	6,850	25.77	308	91.0	575	18.0
	1800	256TC	1MB21212BB213EG3	⑤	T3C	6,770	25.77	341	93.0	575	20.0
	1200	286TC	1MB21212CC213EG3	⑤	T3C	11,090	29.40	506	91.7	575	21.6
25	3600	284TSC	1MB21212DA113EG3	⑤	T3C	8,410	28.03	525	91.7	575	23.2

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

Cast iron frame

Red catalog number indicates **NEW** product

XP100, C-face foot mounted

Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
575 volt											
25	1800	284TC	1MB21212CB113EG3	Ⓢ	T3C	8,170	29.40	510	93.6	575	24.0
	1200	324TC	1MB21213AC113EG3	Ⓢ	T3C	13,060	32.08	741	93.0	575	26.4
30	3600	286TSC	1MB21212DA213EG3	Ⓢ	T3C	9,840	28.03	519	91.7	575	27.2
	1800	286TC	1MB21212CB213EG3	Ⓢ	T3C	9,480	29.40	510	93.6	575	28.0
	1200	326TC	1MB21213AC213EG3	Ⓢ	T3C	15,100	32.08	679	93.0	575	31.2
40	3600	324TSC	1MB21213BA113EG3	Ⓢ	T3C	12,150	30.58	605	93.6	575	36.0
	1800	324TC	1MB21213AB113EG3	Ⓢ	T3C	11,680	32.08	682	94.1	575	36.8
50	3600	326TSC	1MB21213BA213EG3	Ⓢ	T3C	15,460	30.58	609	93.6	575	44.0
	1800	326TC	1MB21213AB213EG3	Ⓢ	T3C	14,240	32.08	693	94.5	575	46.4
	1200	365TC	1MB21213CC213EG3	Ⓢ	T3C	23,270	35.28	862	94.1	575	49.6
60	3600	364TSC	1MB21213DA113EG3	Ⓢ	T3C	19,420	33.16	787	93.6	575	54.4
	1800	364TC	1MB21213CB113EG3	Ⓢ	T3C	19,230	35.28	926	95.0	575	54.4
75	3600	365TSC	1MB21213DA213EG3	Ⓢ	T3C	23,670	33.16	897	94.1	575	68.8
	1800	365TC	1MB21213CB213EG3	Ⓢ	T3C	23,610	35.28	959	95.4	575	68.0
	1200	405TC	1MB21214AC213EG3	Ⓢ	T3C	30,030	39.52	1023	94.5	575	74.4
100	3600	405TSC	1MB21214BA213EG3	Ⓢ	T3C	33,850	36.52	1018	94.1	575	86.4
	1800	405TC	1MB21214AB213EG3	Ⓢ	T3C	31,420	39.52	1148	95.4	575	90.4
	1200	444TC	1MB21214CC113EG3	Ⓢ	T3C	43,170	45.58	1619	95.0	575	93.6
125	1800	444TC	1MB21214CB113EG3	Ⓢ	T3C	39,490	45.58	1698	95.4	575	114.4
		444TSC	1MB21214DB113EG3	Ⓢ	T3C	38,250	41.83	1663	95.4	575	114.4
	1200	445TC	1MB21214CC213EG3	Ⓢ	T3C	48,440	45.58	1837	95.0	575	115.2
150	3600	445TSC	1MB21214DA213EG3	Ⓢ	T3C	50,050	41.83	1680	95.0	575	131.2
	1800	445TC	1MB21214CB213EG3	Ⓢ	T3C	46,610	45.58	2004	95.8	575	136.0
200	3600	447TSC	1MB21214DA313EG3	Ⓢ	T3C	63,580	45.33	2327	95.4	575	172.8
	1800	447TC	1MB21214CB313EG3	Ⓢ	T3C	56,110	49.08	2486	96.2	575	182.4
200	1800	447TC	1MB21214EB313EG3	Ⓢ	T3C	54,020	49.08	2505	96.2	575	182.4
300	3600	449TSC	1MB21214DA613EG3	Ⓢ	T3C	115,100	50.33	2382	95.8	575	260.0
	1800	449TC	1MB21214CB613EG3	Ⓢ	T3C	86,060	54.08	2492	96.2	575	338.0

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

Cast iron frame

Red catalog number indicates **NEW** product

XP100, vertical C-face footless with drip cover



Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt											
1	1800	143TCV	**1MB21211AB216LG3**	Ⓢ	T3C	2,152	16.81	77	85.5	230/460	1.4
	1200	145TCV	**1MB21211AC316LG3**	Ⓢ	T3C	2,456	16.81	88	82.5	230/460	1.6
	900	182TCV	**1MB21211CD116LG3**	Ⓢ	T3C	4,222	18.57	99	81.5	230/460	2.1
1 1/2	3600	143TCV	**1MB21211AA216LG3**	Ⓢ	T3C	2,238	16.81	55	84.0	230/460	2.0
	1800	145TCV	**1MB21211AB316LG3**	Ⓢ	T3C	2,282	16.81	88	86.5	230/460	2.1
	1200	182TCV	**1MB21211CC116LG3**	Ⓢ	T3C	2,686	18.57	105	87.5	230/460	2.4
	900	184TCV	**1MB21211CD316LG3**	Ⓢ	T3C	4,886	18.57	125	82.5	230/460	3.0
2	3600	145TCV	**1MB21211AA316LG3**	Ⓢ	T3C	2,484	16.81	63	85.5	230/460	2.5
	1800	145TCV	**1MB21211AB416LG3**	Ⓢ	T3C	2,408	16.81	88	86.5	230/460	2.7
	1200	184TCV	**1MB21211CC316LG3**	Ⓢ	T3C	2,972	18.57	125	88.5	230/460	3.2
		213TCV	**1MB21212AC116LG3**	Ⓢ	T3C	3,522	21.46	171	89.5	230/460	4.3
	900	213TCV	**1MB21212AD116LG3**	Ⓢ	T3C	5,756	21.46	160	84.0	230/460	3.3
3	3600	182TCV	**1MB21211CA116LG3**	Ⓢ	T3C	2,720	18.57	88	86.5	230/460	3.8
	1800	182TCV	**1MB21211CB116LG3**	Ⓢ	T3C	2,704	18.57	110	89.5	230/460	4.0
	900	215TCV	**1MB21212AD216LG3**	Ⓢ	T3C	6,818	21.46	171	85.5	230/460	4.8
5	3600	184TCV	**1MB21211CA316LG3**	Ⓢ	T3C	3,478	18.57	105	88.5	230/460	6.0
	1800	184TCV	**1MB21211CB316LG3**	Ⓢ	T3C	3,206	18.57	125	89.5	230/460	6.4
	1200	215TCV	**1MB21212AC216LG3**	Ⓢ	T3C	4,820	21.46	180	89.5	230/460	6.7
	900	254TCV	**1MB21212BD116LG3**	Ⓢ	T3C	7,868	27.92	268	86.5	230/460	8.8
7 1/2	3600	213TCV	**1MB21212AA116LG3**	Ⓢ	T3C	3,868	21.46	165	89.5	230/460	8.8
	1800	213TCV	**1MB21212AB116LG3**	Ⓢ	T3C	3,838	21.46	184	91.7	230/460	9.7
	1200	254TCV	**1MB21212BC116LG3**	Ⓢ	T3C	5,890	27.92	283	91.0	230/460	10.0
	900	256TCV	**1MB21212BD216LG3**	Ⓢ	T3C	8,898	27.92	299	87.5	230/460	12.5
10	3600	215TCV	**1MB21212AA216LG3**	Ⓢ	T3C	4,408	21.46	171	90.2	230/460	11.5
	1800	215TCV	**1MB21212AB216LG3**	Ⓢ	T3C	4,468	21.46	187	91.7	230/460	12.5
	1200	256TCV	**1MB21212BC216LG3**	Ⓢ	T3C	7,012	27.92	308	91.0	230/460	13.5
15	3600	254TCV	**1MB21212BA116LG3**	Ⓢ	T3C	5,978	27.92	281	91.0	230/460	17.5
	1800	254TCV	**1MB21212BB116LG3**	Ⓢ	T3C	5,882	27.92	301	92.4	230/460	19.0
	1200	284TCV	**1MB21212CC116LG3**	Ⓢ	T3C	11,042	31.55	479	91.7	230/460	21.0
20	3600	256TCV	**1MB21212BA216LG3**	Ⓢ	T3C	7,228	27.92	308	91.0	230/460	22.5
	1800	256TCV	**1MB21212BB216LG3**	Ⓢ	T3C	7,140	27.92	338	93.0	230/460	25.0
	1200	286TCV	**1MB21212CC216LG3**	Ⓢ	T3C	12,986	31.55	506	91.7	230/460	27.0

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

Cast iron frame

XP100, C-face foot mounted with JP Shaft



Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt											
3	1800	182JP	**1MB21211FB314WG3**	⑤	T3C	2,754	21.50	136	89.5	230/460	4.0
5	1800	184JP	**1MB21211FB414WG3**	⑤	T3C	3,256	21.50	136	89.5	230/460	6.4

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

Cast iron frame

XP100 ID1

1 thru 300 hp

IP65

Features
- Class F insulation, Class B temp rise
- Division 1 Class I, Group D
- Inverter Duty nameplate
- All cast iron construction
- UL & CSA certified
- Double-shielded regreasable inlet and outlet
- NEMA Premium efficient
- Bidirectional fan

Applications
- Pumps
- Fans
- Compressors
- Petrochemical
- Oil & Gas
- Paper mills
- Water and waste water

XP100 ID1, foot mounted



Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt											
1	1800	143T	**1MB22211AB214AA3**	①	T2A	1,656	15.27	77	85.5	230/460	1.4
	1200	145T	**1MB22211AC314AA3**	①	T2A	1,946	15.27	88	82.5	230/460	1.6
1 1/2	3600	143T	**1MB22211AA214AA3**	①	T2A	1,738	15.27	55	84.0	230/460	2.0
	1800	145T	**1MB22211AB314AA3**	①	T2A	1,780	15.27	88	86.5	230/460	2.1
	1200	182T	**1MB22211CC114AA3**	①	T2A	2,124	16.87	105	87.5	230/460	2.4
2	3600	145T	**1MB22211AA314AA3**	①	T2A	1,974	15.27	63	85.5	230/460	2.5
	1800	145T	**1MB22211AB414AA3**	①	T2A	1,900	15.27	88	86.5	230/460	2.7
	1200	184T	**1MB22211CC314AA3**	①	T2A	2,398	16.87	125	88.5	230/460	3.2
3	3600	182T	**1MB22211CA114AA3**	①	T2A	2,156	16.87	88	86.5	230/460	3.8
	1800	182T	**1MB22211CB114AA3**	①	T2A	2,140	16.87	110	89.5	230/460	4.0
	1200	213T	**1MB22212AC114AA3**	①	T2A	2,922	19.97	171	89.5	230/460	4.3
5	3600	184T	**1MB22211CA314AA3**	①	T2A	2,884	16.87	105	88.5	230/460	6.0
	1800	184T	**1MB22211CB314AA3**	①	T2A	2,622	16.87	125	89.5	230/460	6.4
	1200	215T	**1MB22212AC214AA3**	①	T2A	4,168	19.97	180	89.5	230/460	6.7
7 1/2	3600	213T	**1MB22212AA114AA3**	①	T2A	3,254	19.97	165	89.5	230/460	8.8
	1800	213T	**1MB22212AB114AA3**	①	T2A	3,226	19.97	184	91.7	230/460	9.7
	1200	254T	**1MB22212BC114AA3**	①	T2A	5,044	25.77	283	91.0	230/460	10.0
10	3600	215T	**1MB22212AA214AA3**	①	T2A	3,772	19.97	171	90.2	230/460	11.5
	1800	215T	**1MB22212AB214AA3**	①	T2A	3,830	19.97	187	91.7	230/460	12.5
	1200	256T	**1MB22212BC214AA3**	①	T2A	6,120	25.77	308	91.0	230/460	13.5
15	3600	254T	**1MB22212BA114AA3**	①	T2A	5,128	25.77	281	91.0	230/460	17.5
	1800	254T	**1MB22212BB114AA3**	①	T2A	5,036	25.77	301	92.4	230/460	19.0

①= Class I, Group D
⑤= Class I, Group C & D, Class II, Group F & G

Cast iron frame

XP100 ID1, foot mounted

Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt											
15	1200	284T	**1MB22212CC116AA3**	①	T2A	7,628	29.40	479	91.7	230/460	21.0
20	3600	256T	**1MB22212BA214AA3**	①	T2A	6,328	25.77	308	91.0	230/460	22.5
	1800	256T	**1MB22212BB214AA3**	①	T2A	6,244	25.77	338	93.0	230/460	25.0
	1200	286T	**1MB22212CC216AA3**	①	T2A	9,276	29.40	506	91.7	230/460	27.0
25	3600	284T	**1MB22212CA116AA3**	①	T2A	7,052	29.40	528	91.7	230/460	29.0
		284TS	**1MB22212DA116AA3**	①	T2A	7,052	28.03	525	91.7	230/460	29.0
	1800	284T	**1MB22212CB116AA3**	①	T2A	6,792	29.40	499	93.6	230/460	30.0
	1200	324T	**1MB22213AC116AA3**	①	T2A	11,168	32.08	710	93.0	230/460	33.0
30	3600	286TS	**1MB22212DA216AA3**	①	T2A	8,220	28.03	519	91.7	230/460	34.0
	1800	286T	**1MB22212CB216AA3**	①	T2A	7,880	29.40	519	93.6	230/460	35.0
	1200	326T	**1MB22213AC216AA3**	①	T2A	12,898	32.08	677	93.0	230/460	39.0
40	3600	324TS	**1MB22213BA116AA3**	①	T2A	10,422	30.58	605	93.6	230/460	45.0
	1800	324T	**1MB22213AB116AA3**	①	T2A	10,056	32.08	651	94.1	230/460	46.0
	1200	364T	**1MB22213CC116AA3**	①	T2A	16,592	35.28	833	94.1	230/460	49.0
50	3600	326TS	**1MB22213BA216AA3**	①	T2A	13,272	30.58	613	93.6	230/460	55.0
	1800	326T	**1MB22213AB216AA3**	①	T2A	12,232	32.08	686	94.5	230/460	58.0
		326TS	**1MB22213BB216AA3**	①	T2A	12,232	30.58	686	94.5	230/460	58.0
	1200	365T	**1MB22213CC216AA3**	①	T2A	19,134	35.28	869	94.1	230/460	62.0
60	3600	364TS	**1MB22213DA116AA3**	①	T2A	17,350	33.16	787	93.6	230/460	68.0
	1800	364T	**1MB22213CB116AA3**	①	T2A	17,222	35.28	888	95.0	230/460	68.0
	1200	404T	**1MB22214AC116AA3**	①	T2A	22,890	39.52	1053	94.5	230/460	74.0
75	3600	365TS	**1MB22213DA216AA3**	①	T2A	20,980	33.16	897	94.1	230/460	86.0
	1800	365T	**1MB22213CB216AA3**	①	T2A	20,996	35.28	957	95.4	230/460	85.0
	1200	405T	**1MB22214AC216AA3**	①	T2A	26,066	39.52	1023	94.5	230/460	93.0
100	3600	405TS	**1MB22214BA216AA3**	①	T2A	29,288	36.52	1018	94.1	230/460	108.0
	1800	405T	**1MB22214AB216AA3**	①	T2A	27,282	39.52	1113	95.4	230/460	113.0
	1200	B444T	**1MB22214EC116AA3**	①	T2A	36,362	45.58	1509	95.0	230/460	117.0
460 volt											
125	3600	444TS	**1MB22214DA112AA3**	①	T2A	35,520	41.83	1447	95.0	460	138.0
	1800	444T	**1MB22214CB112AA3**	①	T2A	34,508	45.58	1656	95.4	460	143.0
		B444T	**1MB22214EB112AA3**	①	T2A	33,292	45.58	1617	95.4	460	143.0
	1200	B445T	**1MB22214EC212AA3**	①	T2A	40,810	45.58	1729	95.0	460	144.0
150	3600	445TS	**1MB22214DA212AA3**	①	T2A	43,486	41.83	1608	95.0	460	164.0
	1800	445T	**1MB22214CB212AA3**	①	T2A	40,738	45.58	1929	95.8	460	170.0
		B445T	**1MB22214EB212AA3**	①	T2A	39,522	45.58	1892	95.8	460	170.0
	1200	B447T	**1MB22214EC312AA3**	①	T2A	46,894	49.08	1986	95.8	460	172.0
200	3600	447TS	**1MB22214DA312AA3**	①	T2A	54,722	45.33	2246	95.4	460	216.0
	1800	447T	**1MB22214CB312AA3**	①	T2A	49,202	49.08	2310	96.2	460	228.0
		B447T	**1MB22214EB312AA3**	①	T2A	47,986	49.08	2270	96.2	460	228.0
	1200	449T	**1MB22214CC512AA3**	①	T2A	56,326	54.08	2470	95.8	460	227.0
		B449T	**1MB22214EC512AA3**	①	T2A	55,110	54.08	2435	95.8	460	227.0
250	3600	449TS	**1MB22214DA512AA3**	⑤	T2A	64,868	49.77	2296	95.8	460	265.0
	1800	449T	**1MB22214CB512AA3**	⑤	T2A	57,124	53.52	2406	96.2	460	278.0
		B449T	**1MB22214EB512AA3**	⑤	T2A	55,908	53.52	2406	96.2	460	278.0

①= Class I, Group D
⑤= Class I, Group C & D, Class II, Group F & G

Cast iron frame

XP100 ID1, foot mounted

Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt											
300	3600	449TS	**1MB22214DA612AA3**	⑤	T2A	83,006	49.77	2296	95.8	460	325.0
	1800	449T	**1MB22214CB612AA3**	⑤	T2A	63,764	53.52	2406	96.2	460	338.0
		B449T	**1MB22214EB612AA3**	⑤	T2A	62,548	53.52	2406	96.2	460	338.0
575 volt											
2	1800	145T	**1MB22211AB413AA3**	①	T2A	1,900	15.27	88	86.5	575	2.2
3	1800	182T	**1MB22211CB113AA3**	①	T2A	2,140	16.87	110	89.5	575	3.2
5	1800	184T	**1MB22211CB313AA3**	①	T2A	2,622	16.87	125	89.5	575	5.1
7 1/2	1800	213T	**1MB22212AB113AA3**	①	T2A	3,226	19.97	184	91.7	575	7.8
10	1800	215T	**1MB22212AB213AA3**	①	T2A	3,830	19.97	187	91.7	575	10.0
15	1800	254T	**1MB22212BB113AA3**	①	T2A	5,036	25.77	301	92.4	575	15.2
20	1800	256T	**1MB22212BB213AA3**	①	T2A	6,244	25.77	338	93.0	575	20.0
25	1800	284T	**1MB22212CB113AA3**	①	T2A	6,792	29.40	499	93.6	575	24.0
30	1800	286T	**1MB22212CB213AA3**	①	T2A	7,880	29.40	519	93.6	575	28.0
40	1800	324T	**1MB22213AB113AA3**	①	T2A	10,056	32.08	651	94.1	575	36.8
	1200	364T	**1MB22213CC113AA3**	①	T2A	16,592	35.28	833	94.1	575	39.2
50	1800	326T	**1MB22213AB213AA3**	①	T2A	12,232	32.08	686	94.5	575	46.4
75	1800	365T	**1MB22213CB213AA3**	①	T2A	20,996	35.28	957	95.4	575	68.0
125	1800	444T	**1MB22214CB113AA3**	①	T2A	34,508	45.58	1656	95.4	575	114.4
		B444T	**1MB22214EB113AA3**	①	T2A	33,292	45.58	1617	95.4	575	114.4
150	1800	B445T	**1MB22214EB213AA3**	①	T2A	39,522	45.58	1892	95.8	575	136.0

①= Class I, Group D
⑤= Class I, Group C & D, Class II, Group F & G

Cast iron frame

XP100 ID1, C-face footless

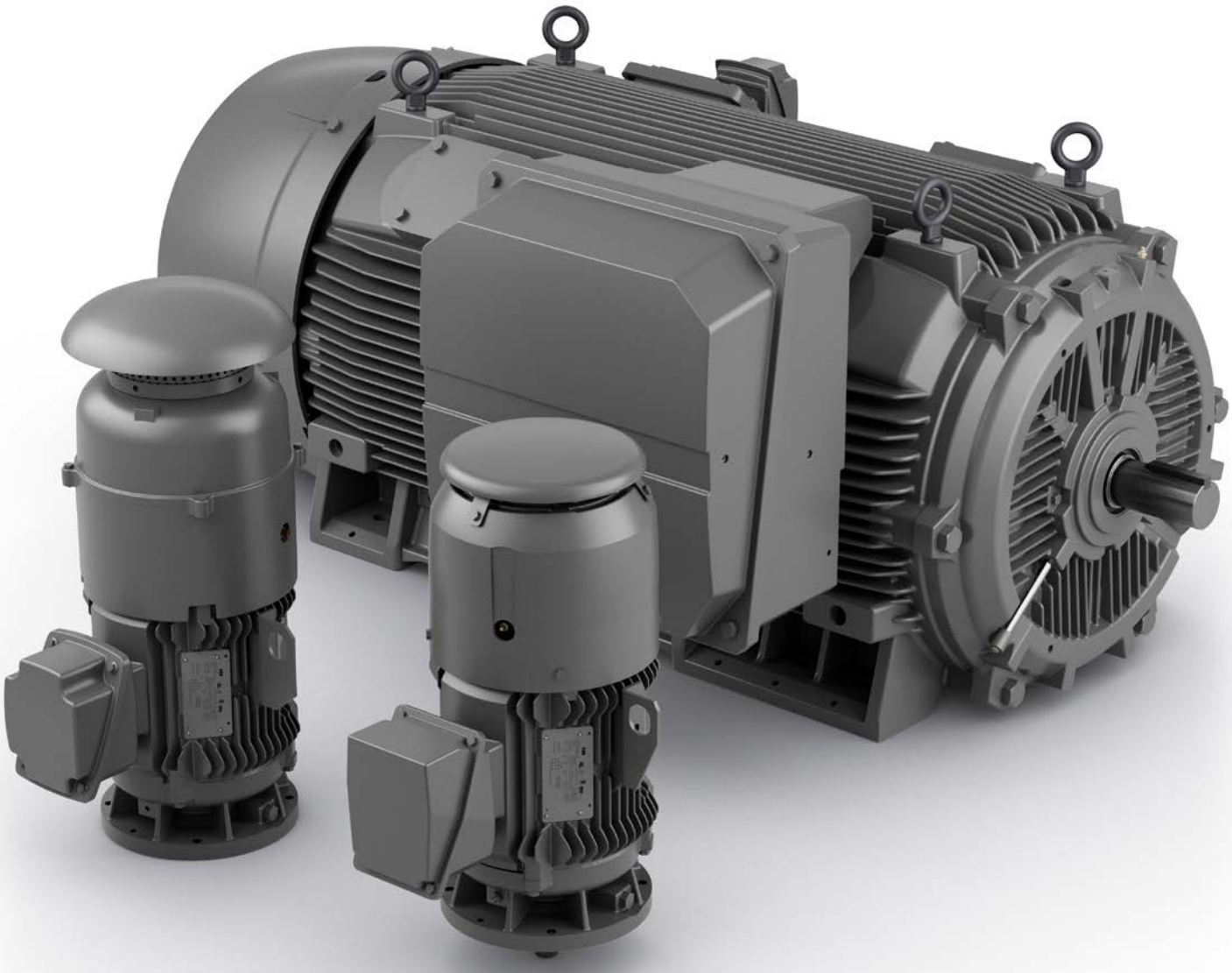


Hp	RPM	Frame	Catalog Number	Cls/Grp	Temp Code	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
230/460 volt											
1	1800	143TC	**1MB22211AB216GA3**	①	T2A	1,836	15.27	77	85.5	230/460	1.4
1 1/2	1800	145TC	**1MB22211AB316GA3**	①	T2A	1,960	15.27	88	86.5	230/460	2.1
2	1800	145TC	**1MB22211AB416GA3**	①	T2A	2,080	15.27	88	86.5	230/460	2.7
3	1800	182TC	**1MB22211CB116GA3**	①	T2A	2,404	16.87	110	89.5	230/460	4.0
5	1800	184TC	**1MB22211CB316GA3**	①	T2A	2,886	16.87	125	89.5	230/460	6.4
7 1/2	1800	213TC	**1MB22212AB116GA3**	①	T2A	3,490	19.97	184	91.7	230/460	9.7
10	1800	215TC	**1MB22212AB216GA3**	①	T2A	4,094	19.97	187	91.7	230/460	12.5
15	1800	254TC	**1MB22212BB116GA3**	①	T2A	5,396	25.77	301	92.4	230/460	19.0
20	1800	256TC	**1MB22212BB216GA3**	①	T2A	6,604	25.77	338	93.0	230/460	25.0
25	1800	284TC	**1MB22212CB116GA3**	①	T2A	8,670	29.40	499	93.6	230/460	30.0
30	1800	286TC	**1MB22212CB216GA3**	①	T2A	9,758	29.40	519	93.6	230/460	35.0

①= Class I, Group D

Cast iron frame

Pump Motors



Pump Motors

ABB NEMA Definite Purpose low voltage NEMA motors are designed and build with all the quality features of the our severe duty motors and are enhanced with additional key features to satisfy specific industry application requirements.
A wide selection of options, among them bearing isolator and ceramic bearings on drive end, make these motors suitable almost any requirement.



LP100 Vertical solid shaft



HP100 Vertical solid shaft



DP200 HPS

Product Line		LP100	HP100	DP200 HPS
NEMA Frame	Frame size range for stock products	182LP-449LP	182HP-449HP	509-5013
Hp	3600 RPM	3 - 100	3 - 100	400 - 600
	1800 RPM	3 - 250	3 - 250	–
	1200 RPM	3 - 250	3 - 250	–
	1800/900 RPM	–	–	–
Voltage 60 Hz	230/460V (1 - 75HP)	S/A	S/A	–
	460V	S	S	S
	575V	S	S	S
Division 2 Classification				
Class & Group	Class I, Group A, B, C & D	S	S	S
Electrical Features				
Efficiency	ABB NEMA motors meet or exceed all efficiency requirements for US, Canada and Mexico regulations	S	S	S
Torque	NEMA Design B torques (up to 500HP)	S	S	S
Service factor	1.15 service factor – continuous	S	S	S
Temp rise	Class F insulation with Class B rise @ 1.0 service factor	S	S	–
	Class H insulation with Class B rise @ 1.0 service factor	A	A	S
Inverter	Variable Torque 20:1	S	S	S
	Constant Torque 4:1 (up to 449T) see data sheet for larger ratings	S	S	–
Mechanical Features				
Frame	Cast iron frame	S	S	S
Bearings	High thrust	S	–	–
	Normal thrust	–	S	–
Conduit box	Oversized cast iron	S	S	S
IP code	IP54 ingress protection	–	–	–
	IP55 ingress protection	S	S	S
	IP56 ingress protection	A	A	–
Other Key Features				
Certifications and tests	Meets and exceeds IEEE 841	S	S	–
Warranty	Warranty - in number of months from shipment	60	60	36

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

LP100 Vertical solid shaft

3 thru 250 Hp

IP55*

Features

- High or extra high thrust
- Meets and exceeds IEEE Std. 841-2021
- API610 optional
- Inverter duty per NEMA MG1 Part 31 (VT 20:1. CT 4:1)
- Division 2, Class I, Groups A,B,C & D
- Division 2, Class II, Groups F&G
- Oversized cast iron conduit box
- Bolted lifting eye
- Zinc plated hardware
- 5-year warranty

Applications

- Pumps
- Water and waste water

LP100, P-base vertical solid shaft

* IP56 as option



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
High thrust									
230/460 volt									
3	3600	182LP	**1PC28321DA416TA3**	3,934	21.88	118	86.5	230/460	3.8
	1800	182LP	**1PC28321DB416TA3**	3,832	21.88	129	89.5	230/460	4.0
3	1200	213LP	**1PC28322AC516TA3**	4,580	25.96	220	89.5	230/460	4.3
5	3600	184LP	**1PC28321DA516TA3**	4,348	21.88	129	88.5	230/460	6.0
	1800	184LP	**1PC28321DB516TA3**	4,108	21.88	132	89.5	230/460	6.5
5	1200	215LP	**1PC28322AC616TA3**	5,956	25.96	231	89.5	230/460	6.7
7 1/2	3600	213LP	**1PC28322AA516TA3**	5,218	25.96	187	89.5	230/460	8.8
	1800	213LP	**1PC28322AB516TA3**	5,198	25.96	200	91.7	230/460	9.7
7 1/2	1200	254LP	**1PC28322BC516TA3**	7,096	29.84	321	91.0	230/460	10.0
10	3600	215LP	**1PC28322AA616TA3**	5,844	25.96	202	90.2	230/460	11.5
	1800	215LP	**1PC28322AB616TA3**	5,848	25.96	211	91.7	230/460	12.5
10	1200	256LP	**1PC28322BC616TA3**	8,012	29.84	338	91.0	230/460	13.5
15	3600	254LP	**1PC28322BA516TA3**	6,732	29.84	301	91.0	230/460	17.5
	1800	254LP	**1PC28322BB516TA3**	6,990	29.84	303	92.4	230/460	19.0
	1200	284LPH	**1PC28322EC116TA3**	11,222	38.76	1323	91.7	230/460	21.0
20	3600	256LP	**1PC28322BA616TA3**	7,556	29.84	323	91.0	230/460	22.5
	1800	256LP	**1PC28322BB616TA3**	7,964	29.84	354	93.0	230/460	25.0
	1200	286LPH	**1PC28322EC416TA3**	13,630	38.76	655	91.7	230/460	27.0
460 volt									
25	3600	284LPH	**1PC28322EA112TA3**	10,494	38.76	686	91.7	460	29.0
	1800	284LPH	**1PC28322EB112TA3**	10,326	38.76	662	93.6	460	30.0

Cast iron frame

LP100, P-base vertical solid shaft

* IP56 as option

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
25	1200	324LP	**1PC28323AC512TA3**	15,452	40.72	1064	93.0	460	33.0
	3600	286LPH	**1PC28322EA412TA3**	11,134	38.76	644	91.7	460	34.0
30	1800	286LPH	**1PC28322EB412TA3**	11,616	38.76	701	93.6	460	35.0
	1200	326LP	**1PC28323AC612TA3**	17,272	40.72	1069	93.0	460	39.0
	3600	324LP	**1PC28323AA512TA3**	14,846	40.72	1018	93.6	460	45.0
40	1800	324LP	**1PC28323AB512TA3**	14,396	40.72	1045	94.1	460	46.0
	1200	364LP	**1PC28323CC512TA3**	22,182	35.63	1287	94.1	460	49.0
	3600	326LP	**1PC28323AA612TA3**	18,190	40.72	1020	93.6	460	55.0
50	1800	326LP	**1PC28323AB612TA3**	16,892	40.72	1042	94.5	460	58.0
	1200	365LP	**1PC28323CC612TA3**	26,152	35.63	1487	94.1	460	62.0
60	3600	364LP	**1PC28323CA512TA3**	22,640	35.63	1086	93.6	460	68.0
	1800	364LP	**1PC28323CB512TA3**	22,528	35.63	1227	95.0	460	68.0
	3600	365LP	**1PC28323CA612TA3**	27,598	35.63	1408	94.1	460	86.0
75	1800	365LP	**1PC28323CB612TA3**	27,686	35.63	1421	95.4	460	85.0
	1200	405LP	**1PC28324AC612TA3**	33,218	37.17	1755	94.5	460	93.0
	3600	405LP	**1PC28324AA612TA3**	31,648	37.17	1553	94.1	460	108.0
100	1800	405LP	**1PC28324AB612TA3**	31,960	37.17	1557	95.4	460	113.0
	1200	444LP	**1PC28324JC112TA3**	39,734	47.53	1997	95.0	460	117.0
125	1800	444LP	**1PC28324JB112TA3**	38,470	47.53	1782	95.4	460	143.0
	1200	445LP	**1PC28324JC212TA3**	50,502	47.53	2070	95.0	460	144.0
200	1800	447LP	**1PC28324JB312TA3**	56,386	46.50	1773	96.2	460	226.0
Normal thrust									
60	1200	404LP	**1PC28324AC512TA3**	28,330	37.17	1562	94.5	460	74.0

Cast iron frame

HP100 Vertical solid shaft

3 thru 250 Hp

IP55*

Features

- Standard or normal thrust
- Meets and exceeds IEEE Std. 841-2021
- Inverter duty per NEMA MG1 Part 31 (VT 20:1. CT 4:1)
- Division 2, Class I, Groups A,B,C & D
- Division 2, Class II, Groups F&G
- Oversized cast iron conduit box
- Bolted lifting eye
- Zinc plated hardware
- Bidirectional fan
- 5 year warranty

Applications

- Pumps
- Water and waste water

HP100, P-base vertical solid shaft

* IP56 as option



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
Normal thrust									
230/460 volt									
3	3600	182HP	**1PC28221DA116TA3**	2,964	21.88	118	86.5	230/460	3.8
	1800	182HP	**1PC28221DB116TA3**	2,616	21.88	129	89.5	230/460	4.0
3	1200	213HP	**1PC28222AC316TA3**	4,058	25.96	189	89.5	230/460	4.3
5	3600	184HP	**1PC28221DA216TA3**	4,154	21.88	129	88.5	230/460	6.0
	1800	184HP	**1PC28221DB216TA3**	3,642	21.88	132	89.5	230/460	6.5
	1200	215HP	**1PC28222AC416TA3**	5,714	25.96	202	89.5	230/460	6.7
7 1/2	3600	213HP	**1PC28222AA316TA3**	5,008	25.96	187	89.5	230/460	8.8
	1800	213HP	**1PC28222AB316TA3**	4,990	25.96	200	91.7	230/460	9.7
7 1/2	1200	254HP	**1PC28222BC316TA3**	6,812	29.80	292	91.0	230/460	10.0
10	3600	215HP	**1PC28222AA416TA3**	5,610	25.96	202	90.2	230/460	11.5
	1800	215HP	**1PC28222AB416TA3**	5,614	25.96	211	91.7	230/460	12.5
10	1200	256HP	**1PC28222BC416TA3**	7,696	29.80	310	91.0	230/460	13.5
15	3600	254HP	**1PC28222BA316TA3**	6,468	29.80	301	91.0	230/460	17.5
	1800	254HP	**1PC28222BB316TA3**	6,708	29.80	303	92.4	230/460	19.0
	1200	284HP	**1PC28222CC316TA3**	10,790	30.45	448	91.7	230/460	21.0
20	3600	256HP	**1PC28222BA416TA3**	7,072	29.80	323	91.0	230/460	22.5
	1800	256HP	**1PC28222BB416TA3**	7,646	29.80	325	93.0	230/460	25.0
	1200	286HP	**1PC28222CC416TA3**	13,214	30.45	453	91.7	230/460	27.0
460 volt									
25	3600	284HP	**1PC28222CA312TA3**	8,850	30.45	451	91.7	460	29.0
	1800	284HP	**1PC28222CB312TA3**	9,914	30.45	470	93.6	460	30.0

Cast iron frame

HP100, P-base vertical solid shaft

* IP56 as option

Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
25	1200	324HP	**1PC28223AC312TA3**	14,840	34.70	596	93.0	460	33.0
	3600	286HP	**1PC28222CA412TA3**	9,580	30.45	490	91.7	460	34.0
30	1800	286HP	**1PC28222CB412TA3**	11,152	30.45	503	93.6	460	35.0
	1200	326HP	**1PC28223AC412TA3**	16,944	34.70	629	93.0	460	39.0
	3600	324HP	**1PC28223AA312TA3**	13,152	34.70	484	93.6	460	45.0
40	1800	324HP	**1PC28223AB312TA3**	13,284	34.70	517	94.1	460	46.0
	1200	364HP	**1PC28223CC312TA3**	21,980	36.05	759	94.1	460	49.0
	3600	326HP	**1PC28223AA412TA3**	16,498	34.70	543	93.6	460	55.0
50	1800	326HP	**1PC28223AB412TA3**	15,752	34.70	596	94.5	460	58.0
	1200	365HP	**1PC28223CC412TA3**	25,862	36.05	860	94.1	460	62.0
	3600	364HP	**1PC28223CA312TA3**	20,996	36.05	673	93.6	460	68.0
60	1800	364HP	**1PC28223CB312TA3**	20,884	36.05	721	95.0	460	68.0
	1200	404HP	**1PC28224AC312TA3**	28,010	37.17	860	94.5	460	74.0
	3600	365HP	**1PC28223CA412TA3**	25,954	36.05	737	94.1	460	86.0
75	1800	365HP	**1PC28223CB412TA3**	26,040	36.05	759	95.4	460	85.0
	1200	405HP	**1PC28224AC412TA3**	32,946	37.17	794	94.5	460	93.0
	3600	405HP	**1PC28224AA412TA3**	29,390	37.17	686	94.1	460	108.0
100	1800	405HP	**1PC28224AB412TA3**	30,530	37.17	765	95.4	460	113.0
	1200	444HP	**1PC28224HC112TA3**	39,112	43.03	851	95.0	460	117.0
125	1800	444HP	**1PC28224HB112TA3**	37,864	43.03	877	95.4	460	143.0
	1200	445HP	**1PC28224HC212TA3**	48,032	47.53	886	95.0	460	144.0
200	1200	449HP	**1PC28224HC512TA3**	63,182	51.51	829	95.8	460	227.0

Cast iron frame

DP200 HPS
400 thru 600 Hp

IP55

Features
- Insulation Class H, Class B Temp rise
- Division 2, Class I, Groups A,B,C,D (T2D)
- Inverter duty per NEMA MG1 Part 31
- Flexible oversized terminal box that is field modifiable (F1/F2/F3)
- Provisions for Bearing RTDs, Vibration sensors
- High strength zinc-plated hardware
- Durable cast iron frame design
- Insulated bearing on the NDE (non-drive-end)
- 3 year warranty

Applications
- Horizontal pumping systems

DP200 HPS, foot mounted



Hp	RPM	Frame	Catalog Number	List Price (USD)	"C" Dim.	Aprx. Wt. (lb)	Full Load Eff.	Voltage	Full Load Amps
460 volt									
400	3600	509S	**1PC65215EA112AA1**	114,920	68.88	4290	96.5	460	430.0
450	3600	5010S	**1PC65215EA212AA1**	117,180	68.88	4043	96.5	460	480.0
		5010S	**1PC65215EA212AK1**	130,300	68.88	4043	96.5	460	480.0
500	3600	5011S	**1PC65215EA812AA1**	117,700	68.88	4589	96.5	460	535.0
		5011S	**1PC65215EA812AK1**	130,820	68.88	4589	96.5	460	535.0
600	3600	5011S	**1PC65215EA012AA1**	130,280	68.88	4642	96.7	460	650.0
		5011S	**1PC65215EA012AK1**	143,400	68.88	4631	96.7	460	650.0

Cast iron frame

Parts and kits



Parts and kits



C-Face kits for field conversion



D-Flange kits for field conversion



Conduit box kits



Fan covers



Drip covers

C-Face kits for field conversion

Features
- Complete kits with all hardware necessary for converting foot mounted motors to “C-Face” foot mounting.

Applications
- ABB - NEMA Motors

C-Face kits for General Purpose motors



Catalog Number	NEMA Frame	List Price (USD)	Aprx. Wt. (lb)
GP100			
J14FE1302A04PSP	140	200	7
J18FE1304A04PSP	180	220	10
J21FE1304A01PSP	210	240	13
J25FE1303A01PSP	250	360	18
J28FE1300A01SP	280	560	42
GP100A			
J14FE1302A03PSP	140	200	7
J18FE1304A03PSP	180	220	11
J21FE1304A03PSP	210	240	14
J25FE1303A03PSP	250	360	19

C-face kits for Severe Duty motors



Catalog Number	NEMA Frame	List Price (USD)	Aprx. Wt. (lb)
SD100			
J14FE1302PA03SP	140	200	7
J18FE1304PA02SP	180	220	11
J21FE1304A02PSP	210	240	29
J25FE1305A01PSP	250	360	17
J28FE1300A02PSP	280	640	28
J32FE1300A02PSP	320	950	45
J36FE1300PA02SP	360	990	44
J40FE1300PA02SP	400	1,430	79
SD100 IEEE			
J14FE1302PA02SP	140	280	5
J18FE1304PA01SP	180	320	11
J21FE1304PA01SP	210	400	14
J25FE1303PA02SP	250	520	19
J28FE1300PA01SP	280	830	44
J32FE1300PA01SP	320	1,110	35
J36FE1300PA01SP	360	1,190	44
J40FE1300PA01SP	400	1,700	79
SD200			
J44FE1301A03PSP	444-445 - 6315 bearing	3,680	132
SD200 841			
J44FE1303PA01SP	444-445 - 320 bearing	4,000	135
J44FE1301PA01SP	447 - 6315 bearing	4,230	132
J44FE1303A01PSP	449 - 320 bearing	5,300	115
J44FE1301A02PSP	L449 - 6315 bearing	4,230	132

D-Flange kits for field conversion

Features
- Complete kits with all hardware necessary for converting foot mounted motors to “D-Flange” foot mounting.

Applications
- ABB - NEMA Motors

D-Flange kits for General Purpose motors



Catalog Number	NEMA Frame	List Price (USD)	Aprx. Wt. (lb)
GP100			
J21FE1500A04PSP	210	360	16
J25FE1901A02PSP	250	400	31
GP100, GP100A			
J14FE1501A03PSP	140	280	14
J18FE1500A03PSP	180	320	15
GP100A			
J21FE1500A03PSP	210	360	17
J25FE1901A01PSP	250	400	30

D-Flange kits for Severe Duty motors



Catalog Number	NEMA Frame	List Price (USD)	Aprx. Wt. (lb)
SD100			
J14FE1501A01PSP	140	280	13
J18FE1500A01PSP	180	320	10
J21FE1500A02PSP	210	360	13
J25FE1906A02PSP	250	400	32
SD100 IEEE			
J14FE1501A02PSP	140	360	14
J18FE1500A02PSP	180	400	11
J21FE1500A01PSP	210	480	15
J25FE1906A01PSP	250	600	32

Conduit box kits

Features
- Complete replacement conduit box

Applications
- ABB - NEMA Motors

Conduit box kits for General Purpose motors



Catalog Number	NEMA Frame	Additional Details	List Price (USD)	Aprx. Wt. (lb)
GP100				
J18CB3000A01PSP	140-180	Aluminum	120	1
J21CB3000A01PSP	210	Aluminum	125	2
J25CB3000A01PSP	250	Aluminum	130	2
J32CB4000A01PSP	280	Stamped steel	240	20
J36CB4000A01PSP	360	Stamped steel	240	127
J44CB1004A01PSP	360	Cast iron	520	127
J44CB1003A01PSP	449	Cast iron	990	82
GP100A				
J18CB3000A02PSP	140-180	Aluminum	120	1
J21CB3000A02PSP	210	Aluminum	125	2
J25CB3000A02PSP	250	Aluminum	130	2

Conduit box kits for Severe Duty motors



Catalog Number	NEMA Frame	Additional Details	List Price (USD)	Aprx. Wt. (lb)
SD100, SD100 IEEE				
J18CB1001A01PSP	140-180		160	6
J21CB1000A01PSP	210		180	11
J25CB1000A01PSP	250		200	11
J28CB1001A01PSP	280		360	21
J32CB1002A01PSP	320		480	28
SD200, SD200 841, DP200 Crush+				
J44CB1009A03PSP	440	2 - 3" NPT	1,110	89
J44CB1509A01PSP	440	1 - 4" NPT	1,030	67
J44CB1509A05PSP	440	2 - 2.5" NPT	1,270	67
J44CB4001A01PSP	440	Steel, 18.5”X22”X7.5”, blank entry	3,170	73
J50CB4801PA00SP	440	Steel, 28.5”X24.4”X20”, blank entry	4,940	410
J44CB1008A01SP	444-447	1 - 3" NPT	670	57
J44CB1009A02PSP	449-L449	2 - 4" NPT	1,070	74
J50CB1000A01PSP	500	2 - 4" NPT	2,450	257
J50CB1000A02PSP	500-580	2 - 3" NPT	2,260	37

Fan covers

Features
- Includes fan cover and mounting hardware

Applications
- ABB - NEMA motors

Fan covers - standard



Catalog Number	NEMA Frame	List Price (USD)	Aprx. Wt. (lb)
GP100			
J14FH3001A01PSP	140	80	0
J28FH4503A01PSP	280	400	8
J32FH4501A01PSP	320	440	10
J36FH4504PA01PSP	360	670	44
J40FH1001PA01PSP	400	690	59
J44FH1500PA01PSP	440	870	78
GP100, GP100A			
J18FH3000A01PSP	180	100	2
J21FH3000A01PSP	210	200	1
J25FH3000A01PSP	250	220	2
GP100A			
J14FH3000A01PSP	140	80	0
SD100, SD100 IEEE			
J14FH1001A01PSP	140	120	5
J18FH1002A01PSP	180	140	12
J21FH1003A01PSP	210	280	12
J25FH1005A08PSP	250	380	21
J28FH1007A01PSP	280	400	31
J32FH1005A02PSP	320	440	39
J36FH1500A01SP	360	670	50
J40FH1001A01PSP	400	690	59
SD200, SD200 841			
J44FH1503A01PSP	440	870	75
XP100, XP100 ID1			
J14FH1000A01PSP	140	160	0
J18FH1000A01PSP	180	180	7
J21FH1000A01PSP	210	320	10
J25FH1000A01PSP	250	360	19
J28FH1003A01PSP	280	520	32
J32FH1002A01PSP	320	710	37
J36FH4504A01PSP	360	750	44

Red catalog number indicates **NEW** product

Fan covers - standard

Catalog Number	NEMA Frame	List Price (USD)	Aprx. Wt. (lb)
XP100, XP100 ID1			
J40FH1000A01PSP	400	790	46
J44FH1002A01PSP	440T	1,030	77

Red catalog number indicates **NEW** product

Fan covers - drip cover ready



Catalog Number	NEMA Frame	List Price (USD)	Aprx. Wt. (lb)
GP100			
J14FH4500A02PSP	140	120	1
J18FH4501A02PSP	180	200	1
J21FH4501A03PSP	210	200	11
J25FH4501A01PSP	250	240	11
J28FH4504A02PSP	280	240	28
J44FH5001A01PSP	440	950	55
GP100A			
J14FH4500A03PSP	140	120	1
J18FH4501A03PSP	180	160	1
J21FH4501A04PSP	210	160	11
J25FH4501A02PSP	250	200	11
SD100, SD100 IEEE			
J14FH4500A01PSP	140	240	6
J18FH4501A01PSP	180	280	12
J21FH4501A02PSP	210	400	13
J25FH4501A00PSP	250	640	17
J32FH4504A01PSP	280	640	31
J32FH4503A01PSP	320	670	37
J36FH5001A01PSP	360	910	51
J40FH5001A01PSP	400	910	55
XP100, XP100 ID1			
J14FH4500A04PSP	140	240	11
J18FH4501A04PSP	180	280	9
J21FH4501A05PSP	210	320	11
J25FH4501A03PSP	250	400	17
J28FH4504A03PSP	280	670	28
J32FH4503A02PSP	320	1,190	37
J36FH5001A02PSP	360	1,190	51
J40FH5001A02PSP	400	1,190	55
J44FH5001A02PSP	440	1,190	55

Drip covers

Features
- Painted steel drip cover
- Includes mounting hardware
- May required replacement fan cover

Applications
- ABB - NEMA Motors

Drip covers for General Purpose



Catalog Number	NEMA Frame	List Price (USD)	Aprx. Wt. (lb)
GP100			
J14FH4500A06PSP	140	280	0
J18FH4501A06PSP	180	280	0
J21FH4501A07PSP	210	280	0
J25FH4501A05PSP	250	280	0
J28FH4504A06PSP	280	290	0
J32FH4503A05PSP	320	290	0
J36FH4502A03PSP	360	290	0
J40FH4500A01PSP	400	290	3
J44FH4500A01PSP	440	290	0
GP100A			
J14FH4500A05PSP	140	280	0
J18FH4501A05PSP	180	280	0
J21FH4501A06PSP	210	280	0
J25FH4501A04PSP	250	280	0

Drip covers for Severe Duty



Catalog Number	NEMA Frame	List Price (USD)	Aprx. Wt. (lb)
SD100, SD100 IEEE			
J14FH4500A07PSP	140	280	0
J18FH4501A07PSP	180	280	0
J21FH4501A08PSP	210	280	0
J25FH4501A06PSP	250	280	0
J28FH4504A04PSP	280	300	2
J32FH4503A03PSP	320	300	2
J36FH4502A01PSP	360	300	2
J40FH4500A02PSP	400	290	0
SD200, SD200 841			
J44FH4500A05PSP	440	290	1
J44FH4500A06PSP	L449	290	1
SD200, SD200 841, DP200			
J50FH4500A01PSP	500	290	1

Drip covers for Explosion Proof



Catalog Number	NEMA Frame	List Price (USD)	Aprx. Wt. (lb)
XP100, XP100 ID1			
J14FH4500A08PSP	140	280	0
J18FH4501A08PSP	180	280	0
J21FH4501A09PSP	210	280	0
J25FH4501A07PSP	250	280	0
J28FH4504A05PSP	280	290	0
J32FH4503A04PSP	320	290	0
J36FH4502A02PSP	360	290	0
J40FH4500A03PSP	400	290	0
J44FH4500A03PSP	440	290	0

Motor Mod Express®

Catalog part number structure

Predefined digits		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	-Z	A	N	N
Motor Series																					
100 Series					**2**																
GP100A	General purpose aluminum	1	L	E	2	1	2	1													
GP100	General purpose	1	L	E	**2**	2	2	1													
SD100	Severe duty	1	L	E	2	3	2	1													
SD100 LM	Severe duty low maintenance	1	L	E	2	3	2	3													
SD100 IEEE 841	Severe duty IEEE std. 841	1	L	E	2	4	2	1													
SD100 661	Severe duty API 661	1	L	E	2	4	2	2													
SD100 MS	Severe duty two speed	1	L	E	2	3	0	1													
XP100	Explosion proof	1	M	B	2	1	2	1													
XP100 ID1	Explosion proof rig duty	1	M	B	2	2	2	1													
HP100	Vertical solid shaft std. thrust	1	P	C	2	8	2	2													
LP100	Vertical solid shaft high thrust	1	P	C	2	8	3	2													
200 Series					**6**																
SD200	Severe duty	1	L	E	6	3	2	1													
SD200 841	Severe duty IEEE std. 841	1	L	E	6	3	2	2													
SD200 HPS	Severe duty horizontal pump motors	1	P	C	6	5	2	1													
SD200 Crush+	Severe duty horizontal crusher duty	1	P	C	6	5	2	5													
Frame and power									**N**	**A**		**N**									
Number of poles		2									**A**										
		4									**B**										
		6									**C**										
		8									**D**										
Configurable digits													12	13	14	15	16		A	N	N
Voltage / Frequency / Winding													**N**	**N**							
Mounting															**A**						
Winding protection																**A**					
Terminal box																	**N**				
Modification codes																			**A**	**N**	**N**

A = A through Z
N = 0 through 9

Motor Mod Express®

Modification codes	Motor Mod Express®
Bearings	
L61	Insulated bearing-INSOCOAT (Both ends)
L64	Insulated bearing-INSOCOAT (NDE only)
L65	Roller instead of ball bearings
L68	Sealed ball bearings (Both ends)
L69	Hybrid (Ceramic ball) bearings - both ends
L70	Hybrid (Ceramic ball) bearings - NDE
L71	Hybrid (Ceramic ball) bearings - DE
A50	Install bearing RTD's-100 ohm platinum-both ends & terminal heads/block
Conduit box (Configurable digit 16)	
Configurable Digit 0	Top mounted terminal box
Configurable Digit 1	C-2 ceiling
Configurable Digit 2	F-2
Configurable Digit 4	W-6 shaft down
Configurable Digit 5	W-7 (F-2) shaft down
Configurable Digit 6	W-5 (F-2) shaft up
Configurable Digit 7	W-8 shaft up
Configurable Digit 8	C-1 (F-2) ceiling
Configurable Digit 9-R1A	W-1 (F-2) wall
Configurable Digit 9-2RA	W-2 wall
Configurable Digit 9-3RA	W-3 wall
Configurable Digit 9-4RA	W-4 (F-2) wall
Configurable Digit 0 (200 series)	Top mounted terminal box from RHS - drive end side
Configurable Digit 2 (200 series)	RHS mount - view from DE - driver end side (F2)
Configurable Digit 3 (200 series)	Top mounted terminal box from LHS - drive end side
Conduit box	
J12	Outlet to main box for thermostats
J13	Aux box to main box for thermostats
J52	Outlet to main box for space heaters
J84	Conduit box (DE) orientation 90° CCW
J85	Conduit box (TOP) orientation 180° CCW
J86	Conduit box (ODE) orientation 180°CCW
L01	Cast iron main terminal box in lieu of aluminium
R00	Cast iron aux box for thermal protection - Position 1 (F1 DE)
R01	Cast iron aux box for thermal protection - Position 2 (F2 DE)
R02	Cast iron aux box for thermal protection - Position 4 (F1 NDE)
R03	Cast iron aux box for thermal protection - Position 5 (F2 NDE)
R04	Outlet for thermal protection - Position 1 (F1 DE)
R05	Outlet for thermal protection - Position 2 (F2 DE)
R06	Outlet for thermal protection - Position 4 (F1 NDE)
R07	Outlet for thermal protection - Position 5 (F2 NDE)
R10	Cast iron aux box for space heaters - Position 1 (F1 DE)
R11	Cast iron box for space heaters - Position 2 (F2 DE)
R12	Cast iron aux box for space heaters - Position 4 (F1 NDE)
R13	Cast iron aux box for space heaters - Position 5 (F2 NDE)
R14	Outlet for space heaters - Position 1 (F1 DE)
R15	Outlet for space heaters - Position 2 (F2 DE)

Motor Mod Express®

Modification codes	Motor Mod Express®
Conduit box (cont...)	
R16	Outlet for space heaters - Position 4 (F1 NDE)
R17	Outlet for space heaters - Position 5 (F2 NDE)
R20	Cast iron aux box for all accessories - Position 1 (F1 DE)
R21	Cast iron aux box for all accessories - Position 2 (F2 DE)
R22	Cast iron aux box for all accessories - Position 4 (F1 NDE)
R23	Cast iron aux box for all accessories - Position 5 (F2 NDE)
R24	Outlet for all accessories - Position 1 (F1 DE)
R25	Outlet for all accessories - Position 2 (F2 DE)
R26	Outlet for all accessories - Position 4 (F1 NDE)
R27	Outlet for all accessories - Position 5 (F2 NDE)
T00	Main terminal box - at a 45° angle
T03	Main terminal box - oversized steel (centered cable entry)
T04	Steel terminal box oversized 20X20X16(in) with blank entry
T10	Centered terminal box
T11	Centered retrofit terminal box
T50	Dual entry hole terminal box
Drains	
L45	SST - Slot breather drain
L46	CROUSE HINDS UL approved breather drain
Drip covers	
K33	Drip cover
Leads (Configurable digits 12 & 13)	
Configurable Digit 11	Reconnect motor to low voltage (230V)
Configurable Digit 12	Reconnect motor to high voltage (460V)
Configurable Digit 22	Reconnect to PWS 460, 60Hz
Configurable Digit 32	Reconnect to Wye-Start Delta-Run 460, 60Hz
Leads	
K80	BURNDY HYDENT YA type terminals
K89	Sealed leads
Lubrication	
L57	MOBIL 28 - High or low - Special grease
L58	MOBILTH SHC 100 - Special grease
L60	ALEMITE and grease relief fitting
L49	Automatic grease relief fitting
Seals	
L76	Shaft slinger & O ring
L79	INPRO/SEAL DE
L80	INPRO/SEAL ODE
L81	INPRO/SEAL both ends
L89	INPRO/SEAL MGS shaft grounding - DE

Motor Mod Express®

Modification codes	Motor Mod Express®
Mountings (Configurable digit 14)	
E Position	C - Face with feet
F Position	D - Flange with feet
G Position	C - Face without feet
H Position	D - Flange without feet
L Position	C - Face without feet with drip cover and lifting hooks
M Position	D - Flange without feet with drip cover and lifting hooks
N Position	C - Face with feet with drip cover
P Position	D - Flange with feet with drip cover
T Position	P-Base without feet with drip cover and lifting hooks
C Position	Foot mounted vertical shaft-down without canopy (IMV5)
D (200 series) Position	Foot mounted vertical shaft-up (IMV6)
N (200 series) Position	Foot mounted C-face horizontal (IMB34 - F1/F2/F3)
P (200 series) Position	Foot mounted C-face vertical shaft up - W6/W7/W12)
Q (200 series) Position	Foot mounted C-face vertical shaft-up - W5/W8/W11
T (200 series) Position	Foot wall mount horizontal (MB6, - W2/WF)
U (200 series) Position	Foot wall mounted horizontal (IMB7 - W1/W3)
V (200 series) Position	Foot ceiling mount horizontal (IMB8 - C1/C2/C3)
Export	
B09	Export packaging sea freight - ABB standard
Nameplates	
C40	Re-rate 400V to 380V, 50Hz
C41	Re-rate 400V to 415V, 50Hz
Y80	Derate-Alt-Amb (Nameplate change)
Y82	Auxillary n/p Max. 40 characters (Aux tag)
Blower	
M08	Separately driven auxillary fan for 1000:1 CT - VFD only operation
Lifting lugs	
K34	Vertical lifting devices (No drip cover)
Hardware	
L22	Stainless steel hardware (Includes T drain SS)
Thermal protection (Configurable digit 15)	
G	Thermostats normally closed, temp code T3C, 1 per phase
Space Heaters	
A46	Space heaters 115V single phase, max temp 160°C
A47	Space heaters 230V single phase, max temp 160°C
A48	Space heaters 115V/230V single phase, max temp 160°C
Tropicalization	
C07	Insulation fungus protection - No UL

Motor Mod Express®

Modification codes	Motor Mod Express®
Weather proofing	
L90	IP66 Ingress Protection
Grounding screws	
L27	Ground bolts - Qty 2
Testing	
F10	Routine test report
F12	Routine test report (Witnessed)
F15	Complete test
F17	Complete test (Witnessed)
F20	Routine test + vibration
F22	Routine test + vibration (Witnessed)
F27	Performance load test (Curve report)
F36	Routine test report of electrical duplicate design
F37	Type test report of electrical duplicate design
Terminal block	
K83	Terminal block in main box
Shaft grounding	
L29	Shaft grounding brush
Documentation	
F00	Certificate of compliance
F01	Certificate of Origin - Stamped by Chamber of Commerce
F03	Standard performance curves
F04	Acceleration time calculation
F07	Curve package at 100% and 80% voltages (S-T, PERF)
F08	Shaft torsional analysis (includes shaft drawing)
F09	Bearing L10 calculation
F40	Stall time curve (thermal limit curve)
F42	Standard dimensional sheet
F43	Non-standard dimensional sheet
F44	Conduit box dimension sheet
F45	Wiring diagram
F46	Instruction and operation manual in English
F47	Renewal parts
F49	Performance data sheets
F50	Customer specific data sheets
F51	Shaft profile detail (included materials data)
F60	Visual inspection proof (Max 8X photos)
Frame	
K38	Provisions for dowel holes
K70	Rotation arrow bi-directional
K71	Rotation arrow clockwise (From NDE)
K72	Rotation arrow counter-clockwise (From NDE)
M39	Vertical jacking provisions

Motor Mod Express®

Bearings

L61 (Modification code)

Insulated bearing-INSOCOAT (Both ends)

NEMA frame	List price per motor GP, HP, LP 100 Series	 SD, XP 100 Series	 SD, DP 200 Series
364-365	4,900	5,120	—
404-449	4,980	5,240	—
444-5813	—		6,900

Not for Roller Bearing

L64 (Modification code)

Insulated bearing-INSOCOAT (NDE Only)

NEMA frame	List price per motor GP, HP, LP 100 Series	 SD, XP 100 Series	 SD, DP 200 Series
364-365	2,450	2,560	—
404-449	2,490	2,620	—
444-5813	—		3,450

L65 (Modification code)

Roller instead of ball bearings

NEMA frame	List price per motor SD,, XP, HP, LP 100 Series
284-405	2,795

L68 (Modification code)

Sealed ball bearings (Both ends)

NEMA frame	List price per motor GP 100 Series	 SD 200 Series
143-215	527	—
254-326	1,053	—
364-365	1,316	—
404-449	2,107	—
449-L449	—	2,300

No 2 pole. Not for Roller Bearing

Motor Mod Express®

Bearings (cont.)

L69 (Modification code)

Hybrid (Ceramic ball) bearings - both ends

NEMA frame	List price per motor SD, XP 100 Series	 SD, DP 200 Series
143-184	1,100	—
213-215	1,640	—
254-286	2,380	—
324-326	2,960	—
364-365	6,800	—
404-405	19,520	—
449L449	—	19,520
509-5813	—	26,220

Not for roller bearing. Not for SD10 MS.

L70 (Modification code)

Hybrid (Ceramic ball) bearings - NDE

NEMA frame	List price per motor SD, XP, HP 100 Series	 SD, DP 200 Series
143-184	550	—
213-215	820	—
254-286	1,190	—
324-326	1,480	—
364-365	3,400	—
404-440	9,760	—
449-L449	—	9,760
509-5813	—	13,110

Not for roller bearing. Not for SD10 MS.

Motor Mod Express®

Bearings (cont.)

L71 (Modification code)

Hybrid (Ceramic ball) bearings - DE

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
182-184	1,527	—
213-215	2,410	—
254-256	2,682	—
284-286	3,813	—
324-326	5,541	—
364-365	7,171	—
404-405	12,478	—
440	13,347	—
449-L449	—	16,100
509-5813	—	22,701

Not for roller bearing. Not for SD10 MS.

A50 (Modification code)

Install bearing RTD's-100 ohm platinum - Both ends & terminal heads/block

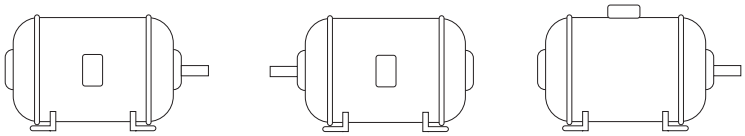
NEMA frame	List price per motor SD, DP 200 Series
509-5813	7,061

Motor Mod Express®

Mounting positions

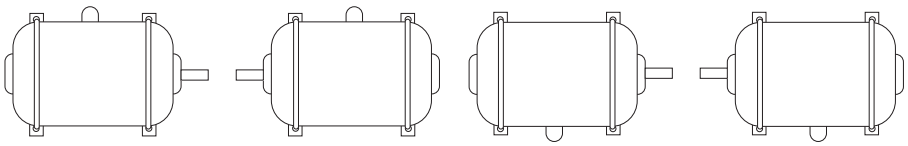
Use for reference for mounting

Floor Mountings

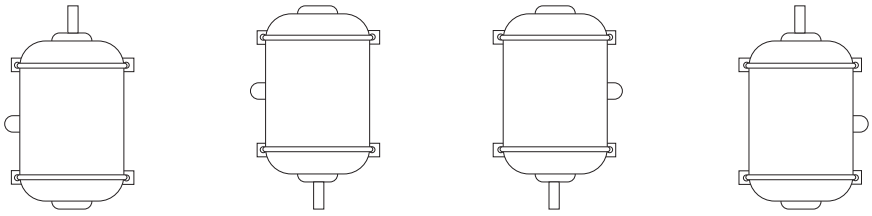


Assembly F-1 Assembly F-2 Assembly F-3

Wall Mountings

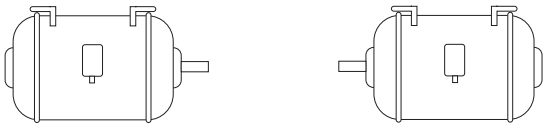


Assembly W-1 Assembly W-2 Assembly W-3 Assembly W-4



Assembly W-5 Assembly W-6 Assembly W-7 Assembly W-8

Ceiling Mountings



Assembly C-1 Assembly C-2

Motor Mod Express®

Conduit Box

0 (Configurable digit 16)

Top mounted terminal box

NEMA frame	List price per motor SD, DP 200 Series
509-5813	288

1 (Configurable digit 16)

C-2 ceiling

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
143-449	308

2 (Configurable digit 16)

F-2

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
143-449	653

4 (Configurable digit 16)

W-6 shaft down

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
143-449	465

5 (Configurable digit 16)

W-7 (F-2) shaft down

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
143-449	662

Motor Mod Express®

Conduit box (cont.)

6 (Configurable digit 16)

W-5 (F-2) shaft up

NEMA frame	List price per motor SD, DP 200 Series
143-449	662

7 (Configurable digit 16)

W-8 shaft up

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
143-449	301

8 (Configurable digit 16)

F-2

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
143-449	653

9 (Configurable digit 16) R1A (Modification code)

W-1 (F-2) wall

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
143-449	653

9 (Configurable digit 16) R2A (Modification code)

W-2 wall

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
143-449	299

Motor Mod Express®

Conduit box (cont.)

9 (Configurable digit 16) R3A (Modification code)

W-3 wall

NEMA frame	List price per motor SD, DP 200 Series
143-449	299

9 (Configurable digit 16) R4A (Modification code)

W-4 (F-2) wall

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
143-449	653

0 (Configurable digit 16)

Top mounted terminal box from RHS - drive end side

NEMA frame	List price per motor SD, DP 200 Series
444-5813	690

2 (Configurable digit 16)

RHS mount - view from DE - drive end side (F2)

NEMA frame	List price per motor SD, DP 200 Series
444-5813	690

3 (Configurable digit 16)

Top mounted terminal box from LHS - drive end side

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
444-5813	690

Motor Mod Express®

Conduit Box

J12 (Modification code)

Outlet to main box for thermostats

NEMA frame	List price per motor SD, DP 200 Series
143-449	577

J13 (Modification code)

Aux box to main box for thermostats

NEMA frame	List price per motor SD, XP, HP, LP 100 Series
286-449	—

J52 (Modification code)

Outlet to main box for space heaters

NEMA frame	List price per motor SD,, XP, HP, LP 100 Series
143-449	577

L53 (Modification code)

Aux box to main box for space heaters

NEMA frame	List price per motor SD 200 Series
449-L449	2,300

J84 (Modification code)

Conduit box (DE) Orientation 90° CCW

NEMA frame	List price per motor SD, GP, XP, HP, LB 100 Series	List price per motor SD, DP 200 Series
143-449	308	—
449-L449	—	230
509-5813	—	621

Not for GP100A

Motor Mod Express®

Conduit box (cont.)

J85 (Modification code)

Conduit box (ODE) orientation 180° CCW

NEMA frame	List price per motor SD, GP, XP, HP, LB 100 Series	 SD, XP, HP, LP 100 Series
143-449	308	—
449-L449	—	230
509-5813	—	621

Not for GP100A

L86 (Modification code)

Conduit box (ODE) orientation 270° CCW

NEMA frame	 SD, XP, HP, LP 100 Series	List price per motor
143-449	308	—
449-L449	—	230
509-5813	—	621

Not for GP100A

L01 (Modification code)

Conduit box (ODE) orientation 270° CCW

NEMA frame	List price per motor SD, DP 200 Series
143-145	340
182-184	354
213-215	370
254-256	384
284-286	414
324-326	458
364-365	501
404-405	577

Not for GP100A

Motor Mod Express®

Conduit box (cont.)

R00 (Modification code)

Cast iron aux box for thermal protection - Position 1 (F1 DE)

NEMA frame	List price per motor SD, DP 200 Series
449-L449	920
509-5813	1,380

R01 (Modification code)

Cast iron aux box for thermal protection - Position 2 (F2 DE)

NEMA frame	List price per motor SD, XP, HP, LP 100 Series
449-L449	920
509-5813	1,380

R02 (Modification code)

Cast iron aux box for thermal protection - Position 4 (F1 NDE)

NEMA frame	List price per motor SD, XP, HP, LP 100 Series
449-L449	920
509-5813	1,380

R03 (Modification code)

Outlet for thermal protection

NEMA frame	List price per motor SD, DP 200 Series
449-L449	920
509-5813	1,380

Motor Mod Express®

Conduit box (cont.)

R04 (Modification code)

Outlet for thermal protection - Position 1 (F1 DE)

NEMA frame	List price per motor SD, DP 200 Series
449-L449	575
509-5813	920

R05 (Modification code)

Outlet for thermal protection - Position 2 (F2 DE)

NEMA frame	List price per motor SD, XP, HP, LP 100 Series
449-L449	575
509-5813	920

R06 (Modification code)

Outlet for thermal protection - Position 4 (F1 NDE)

NEMA frame	List price per motor SD, XP, HP, LP 100 Series
449-L449	575
509-5813	920

R07 (Modification code)

Outlet box for thermal protection

NEMA frame	List price per motor SD, DP 200 Series
449-L449	920
509-5813	1,380

Motor Mod Express®

Conduit box (cont.)

R10 (Modification code)

Cast iron aux box for space heaters - Position 1 (F2 NDE)

NEMA frame	List price per motor SD, DP 200 Series
449-L449	920
509-5813	1,380

R11 (Modification code)

Cast iron aux box for space heaters - Position 2 (F2 DE)

NEMA frame	List price per motor SD, XP, HP, LP 100 Series
449-L449	920
509-5813	1380

R12 (Modification code)

Cast iron aux box for space heaters - Position 4 (F1 NDE)

NEMA frame	List price per motor SD, XP, HP, LP 100 Series
449-L449	920
509-5813	1,380

R13 (Modification code)

Cast iron aux box for space heaters - Position 5 (F2 NDE)

NEMA frame	List price per motor SD, XP, HP, LP 100 Series
449-L449	920
509-5813	1,380

Motor Mod Express®

Conduit box (cont.)

R14 (Modification code)

Outlet for space heaters - Position 1 (F1 DE)

NEMA frame	List price per motor SD, DP 200 Series
449-L449	575
509-5813	920

R15 (Modification code)

Outlet box for space heaters - position 2 (F2 DE)

NEMA frame	List price per motor SD, XP, HP, LP 100 Series
449-L449	575
509-5813	920

R16 (Modification code)

Outlet for space heaters - Position 4 (F1 NDE)

NEMA frame	List price per motor SD, XP, HP, LP 100 Series
449-L449	575
509-5813	920

R17 (Modification code)

Outlet for space heaters

NEMA frame	List price per motor SD, XP, HP, LP 100 Series
449-L449	575
509-5813	920

Motor Mod Express®

Conduit box (cont.)

R20 (Modification code)

Cast iron aux box for all accessories - Position 1 (F1 DE)

NEMA frame	List price per motor SD, DP 200 Series
449-L449	920
509-5813	1,380

R21 (Modification code)

Cast iron aux box for all accessories - Position 2 (F2 DE)

NEMA frame	List price per motor SD, XP, HP, LP 100 Series
449-L449	920
509-5813	1,380

R22 (Modification code)

Cast iron aux box for all accessories - Position 4 (F1 NDE)

NEMA frame	List price per motor SD, XP, HP, LP 100 Series
449-L449	920
509-5813	1,380

R23 (Modification code)

Cast iron aux box for all accessories - Position 5 (F2 NDE)

NEMA frame	List price per motor SD, XP, HP, LP 100 Series
449-L449	920
509-5813	1,380

Motor Mod Express®

Conduit box (cont.)

R24 (Modification code)

Outlet for all accessories - Position 1 (F1 DE)

NEMA frame	List price per motor SD, DP 200 Series
449-L449	575
509-5813	920

R25 (Modification code)

Outlet for all accessories - Position 2 (F2 DE)

NEMA frame	List price per motor SD, XP, HP, LP 100 Series
449-L449	575
509-5813	920

R26 (Modification code)

Outlet for all accessories - Position 2 (F2 DE)

NEMA frame	List price per motor SD, XP, HP, LP 100 Series
449-L449	575
509-5813	920

R27 (Modification code)

Outlet for all accessories - Position 5 (F2 NDE)

NEMA frame	List price per motor SD, XP, HP, LP 100 Series
449-L449	575
509-5813	920

Motor Mod Express®

Conduit box (cont.)

T00 (Modification code)

Main thermal box - at a 45° angle

NEMA frame	List price per motor SD, DP 200 Series
449-5813	945

T03 (Modification code)

Main terminal box - oversized steel (Centered cable entry)

NEMA frame	List price per motor SD, DP 200 Series
449-L449	3,220

T04 (Modification code)

Steel terminal box oversized 20X20X16(in) with blank entry

NEMA frame	List price per motor SD, DP 200 Series
449-L449	6,624

T10 (Modification code)

Centered terminal box

NEMA frame	List price per motor SD, DP 200 Series
449-L449	6,624

T11 (Modification code)

Centered retrofit terminal box

NEMA frame	List price per motor SD, DP 200 Series
440	1,610

Motor Mod Express®

Conduit box (cont.)

T50 (Modification code)

Dual entry hole terminal box

NEMA frame	List price per motor SD, DP 200 Series
L449	805
500	805
580	805

Drains

L45 (Modification code)

SS T - Slot breather drain

NEMA frame	List price per motor SD, GP, XP, HP, LB 100 Series	 SD, DP 200 Series
143-145	370	—
182-184	370	—
213-215	370	—
254-256	538	—
284-286	338	—
324-326	538	—
364-365	706	—
404-405	706	—
440	—	690
L449	—	690
500	—	690
580	—	690

Not for GP100A

L46 (Modification code)

CROUSE HINDS UL approved breather drain

NEMA frame	List price per motor SD, XP, HP, LB 100 Series	 SD, DP 200 Series
284-286	812	—
324-326	812	—
364-365	812	—
404-405	812	—
440	812	805
L449	—	805
500	—	874
580	—	874

Motor Mod Express®

Drip covers

K33 (Modification code)

Drip cover

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	List price per motor SD, DP 200 Series
143-145	352	—
182-184	352	—
213-215	352	—
254-256	384	—
284-286	384	—
324-326	679	—
364-365	1,378	—
404-405	1,927	—
440	3,565	920
L449	—	920
500	—	6,831
580	—	6,831

Leads

11 (Configurable digits 12-13)

Reconnect motor to low voltage (230V)

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
143-145	283
182-184	283
213-215	317
254-256	366
284-286	370
324-326	370
364-365	439
404-405	439
444-449	529

Motor Mod Express®

Leads (cont.)

12 (Configurable digits 12-13)

Reconnect motor to high voltage (460V)

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
143-145	283
182-184	283
213-215	317
254-256	366
284-286	370
324-326	370
364-365	439
404-405	439
444-449	529

On 230/460 stock motors

22 (Configurable digits 12-13)

Reconnect to PWS 460V, 60Hz

NEMA frame	List price per motor SD, DP 200 Series
444-L449	1,725
509-5813	3,496

32 (Configurable digits 12-13)

Reconnect to WyeStrt-DeltaRun 460, 60Hz

NEMA frame	List price per motor SD, DP 200 Series
444-L449	1,725
509-5813	3,496

Consider long delivery time for 509-5813

Motor Mod Express®

Leads (cont.)

K80 (Modification code)

BURNDY HYDENT YA type terminals

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	393	—
182-184	393	—
213-215	393	—
254-256	393	—
284-286	393	—
324-326	393	—
364-365	393	—
404-405	393	—
440	393	345
L449	—	345
500	—	345
580	—	345

K89 (Modification code)

Sealed leads

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	345	—
182-184	345	—
213-215	345	—
254-256	345	—
284-286	345	—
324-326	345	—
364-365	345	—
404-405	460	—
440	460	—

Not for GP100A

Motor Mod Express®

Lubrication

L57 (Modification code)

MOBIL 28 - High or low - Special grease

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	1,116	—
182-184	2,059	—
213-215	2,059	—
254-256	2,059	—
284-286	2,059	—
324-326	2,829	—
364-365	2,829	—
404-405	3,772	—
440	3,722	3,450
L449	—	3,450
500	—	3,795
580	—	3,795

Not for GP100A

Motor Mod Express®

Lubrication (cont.)

L58 (Modification code)

MOBILITH SHC 100 - Special grease

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	773	—
182-184	773	—
213-215	773	—
254-256	773	—
284-286	773	—
324-326	1,458	—
364-365	1,458	—
404-405	1,458	—
440	1,458	1,495
L449	—	1,495
500	—	1,955
580	—	1,955

Not for GP100A

L60 (Modification code)

BURNDY HYDENT YA type terminals

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	428	—
182-184	428	—
213-215	428	—
254-256	428	—
284-286	428	—
324-326	428	—
364-365	428	—
404-405	428	—
440	428	—

GP100 Only 280-449, STD on SD100 IEEE, SD661,Not for GP100A

L49 (Modification code)

Automatic grease refill fitting

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
440	—	345
L449	—	345
500	—	*
580	—	*

Motor Mod Express®

Seals

L76 (Modification code)

Shaft slinger & O ring

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	202	—
182-184	202	—
213-215	202	—
254-256	278	—
284-286	278	—
324-326	377	—
364-365	377	—
404-405	490	—
440	490	460
L449	—	460

Not for GP100A Not for 2 pole motors.

L79 (Modification code)

INPRO/SEAL DE

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	1,175	—
182-184	1,175	—
213-215	1,226	—
254-256	1,431	—
284-286	1,481	—
324-326	1,559	—
364-365	1,789	—
404-405	2,197	—
440	2,401	2,300
L449	—	2,300
500	—	2,645
580	—	2,645

Not for GP100A, Std. on SD100 IEEE841 and SD 661.

Motor Mod Express®

Seals (cont.)

L80 (Modification code)

INPRO/SEAL ODE

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	1,175	—
182-184	1,175	—
213-215	1,226	—
254-256	1,431	—
284-286	1,481	—
324-326	1,559	—
364-365	1,789	—
404-405	2,197	—
440	2,401	2,300
L449	—	2,300
500	—	2,645
580	—	2,645

Not for GP100A, Std. on SD100 IEEE841 and SD 661.

L81 (Modification code)

INPRO/SEAL both ends

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	2,348	—
182-184	2,348	—
213-215	2,452	—
254-256	2,861	—
284-286	2,965	—
324-326	3,119	—
364-365	3,579	—
404-405	4,395	—
440	4,802	4,600
L449	—	4,600
500	—	5,290
580	—	5,290

Not for GP100A, Std. on SD100 IEEE841 and SD 661.

Motor Mod Express®

Seals

L89 (Modification code)

INPRO/SEAL MGS shaft grounding - DE

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	List price per motor SD, DP 200 Series
143-145	1,748	—
182-184	1,909	—
213-215	2,227	—
254-256	2,576	—
284-286	2,852	—
324-326	3,197	—
364-365	3,473	—
404-405	4,071	—
440	5,727	5,727
L449	—	5,727
500	—	7,636
580	—	7,636

Not for GP100A, Std. on SD100 IEEE841 and SD 661.

Mountings

E (Mounting position. Configurable digit 14)

C-face with feet

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
143-145	244
182-184	354
213-215	377
254-256	527
284-286	2,001
324-326	2,164
364-365	2,337
404-405	2,900
440-449	3,424

Not for 2 Pole 440. Not for Roller Bearing.

Motor Mod Express®

Mountings (cont.)

F (Mounting position. Configurable digit 14)

D - flange with feet

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
143-145	653
182-184	830
213-215	911
254-256	1,780
284-286	2,498
324-326	2,919
364-365	3,406
404-405	4,545
440-449	5,490

Not for GP100A, Std. on SD100 IEEE841 and SD 661.

G (Mounting position. Configurable digit 14)

C-face without feet

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
143-145	207
182-184	304
213-215	304
254-256	414
284-286	2,160
324-326	2,367
364-365	3,008
404-405	3,873
440-449	5,297

Not for 2 Pole 440, Not for Roller Bearing. Not for footless frame motors.

Motor Mod Express®

Mountings (cont.)

H (Mounting position. Configurable digit 14)

D - flange without feet

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
143-145	695
182-184	911
213-215	984
254-256	1,861
284-286	2,815
324-326	3,340
364-365	4,612
404-405	6,392
440-449	8,961

Not for 2 Pole 440. Not for Roller Bearing. Not for XP 140-250. Not for footless frame motors.

L (Mounting position. Configurable digit 14)

C - face without feet with drip cover and lifting hooks

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
143-145	492
182-184	545
213-215	550
254-256	731
284-286	2,544
324-326	3,045
364-365	4,386
404-405	5,801
440-449	8,862

Not for 2 Pole 440. Not for Roller Bearing. Not for XP 140-250. Not for footless frame motors.

Motor Mod Express®

Mountings (cont.)

M (Mounting position. Configurable digit 14)

D - flange without feet with drip cover and lifting hooks

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
143-145	1,047
182-184	1,263
213-215	1,336
254-256	2,245
284-286	3,199
324-326	4,018
364-365	5,989
404-405	8,319
440-449	12,526

Not for 2 Pole 440. Not for Roller Bearing. Not for XP 140-250. Not for footless frame motors.

N (Mounting position. Configurable digit 14)

C-face with feet with drip cover

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
143-145	826
182-184	925
213-215	1,003
254-256	1,822
284-286	2,385
324-326	2,843
364-365	3,715
404-405	4,828
440-449	6,999

Motor Mod Express®

Mountings (cont.)

P (Mounting position. Configurable digit 14)

D - flange with feet with drip cover

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series
143-145	1,005
182-184	1,182
213-215	1,263
254-256	2,164
284-286	2,882
324-326	3,597
364-365	4,784
404-405	6,472
440-449	9,055

C (Mounting position. Configurable digit 14)

Foot mounted vertical shaft-down without canopy (IMV5)

NEMA frame	List price per motor SD, DP 200 Series
444-L449	4,830
500-580	17,112

D (Mounting position. Configurable digit 14)

Foot mounted vertical shaft-up (IMV6)

NEMA frame	List price per motor SD, DP 200 Series
444-L449	4,830
500-580	17,112

N (Mounting position. Configurable digit 14)

Foot mounted C-face horizontal (IMB34 - F1/F2/F3)

NEMA frame	List price per motor SD, DP 200 Series
444-L449	2,990

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Mountings (cont.)

P (Mounting position. Configurable digit 14)

Foot mounted C-face vertical shaft-down without canopy - W6/W7/W12

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	List price per motor SD, DP 200 Series
444-L449	—	7,360

Q (Mounting position. Configurable digit 14)

Foot mounted C-face vertical shaft-up - W5/W8/W11

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	List price per motor SD, DP 200 Series
444-L449	—	7,360

T (Mounting position. Configurable digit 14)

Foot wall mount horizontal (IMB6 - W2/W4)

NEMA frame	List price per motor SD, DP 200 Series
444-L449	4,860
500-580	34,201

U (Mounting position. Configurable digit 14)

Foot wall mount horizontal (IMB7 - W1/W3)

NEMA frame	List price per motor SD, DP 200 Series
444-L449	4,860
500-580	34,201

V (Mounting position. Configurable digit 14)

Foot ceiling mount horizontal (IMB8 - C1/C2/C3)

NEMA frame	List price per motor SD, DP 200 Series
444-L449	4,860
500-580	34,201

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Export

B09 (Modification code)

Export packaging sea freight - ABB standard

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	300	—
182-184	460	—
213-215	740	—
254-256	740	—
284-286	740	—
324-326	1,000	—
364-365	1,200	—
404-405	1,800	—
440	2,020	2,323
L449	—	2,323
500	—	5,589
580	—	5,589

Nameplates

C40 (Modification code)

Re-rate 400V to 380V, 50Hz

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	377	—
182-184	377	—
213-215	377	—
254-256	377	—
284-286	377	—
324-326	377	—
364-365	377	—
404-405	377	—
440	377	391

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Nameplate (cont.)

C41 (Modification code)

Export packaging sea freight - ABB standard

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	377	—
182-184	377	—
213-215	377	—
254-256	377	—
284-286	377	—
324-326	377	—
364-365	377	—
404-405	377	—
440	377	391

Y80 (Modification code)

Derate-alt-amb (Nameplate change)

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	377	—
182-184	377	—
213-215	377	—
254-256	377	—
284-286	377	—
324-326	377	—
364-365	377	—
404-405	377	—
440	377	391
L449	—	391
500	—	391
580	—	391

Motor Mod Express®

Nameplate (cont.)

Y82 (Modification code)

Auxillary nameplate max. 40 characters (Aux tag)

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	377	—
182-184	377	—
213-215	377	—
254-256	377	—
284-286	377	—
324-326	377	—
364-365	377	—
404-405	377	—
440	377	230
L449	—	230
500	—	230
580	—	230

Blower

Y80 (Modification code)

Separately driven fan for 1000:1 CT - VFD only operation

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
440	—	7,820
L449	—	7,820
500	—	7,820
580	—	7,820

Motor Mod Express®

Lifting lugs

K34 (Modification code)

Vertical lifting devices (No drip cover)

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	SD, DP 200 Series
143-145	541	—
182-184	658	—
213-215	658	—
254-256	892	—
284-286	957	—
324-326	1,656	—
364-365	1,656	—
404-405	2,088	—
440	2,302	—

Not for GP100A. Not for SD661.

Hardware

L22 (Modification code)

Stainless steel hardware (Includes T drain SS)

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	SD, DP 200 Series
143-145	467	—
182-184	467	—
213-215	467	—
254-256	467	—
284-286	467	—
324-326	577	—
364-365	708	—
404-405	874	—
440	1,076	1,380
L449	—	1,380
500	—	1,495
580	—	1,495

Not for GP100A

Motor Mod Express®

Thermal protection

G (Configurable digit 15)

Thermostats normally closed, temp code T3C, 1 per phase

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	207	—
182-184	304	—
213-215	304	—
254-256	414	—
284-286	2,160	—
324-326	2,367	—
364-365	3,008	—
404-405	3,873	—
44-449	5,297	1,265
L449	—	1,265
509-5813	—	1,541

Space heaters

A46 (Modification code)

Space heaters 115V single phase, max temp 160°C

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	690	—
182-184	690	—
213-215	690	—
254-256	690	—
284-286	1,150	—
324-326	1,150	—
364-365	1,150	—
404-405	1,403	—
444-449	1,403	1,403
L449	—	1,403
509-5813	—	1,403

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Space heaters (cont.)

A47 (Modification code)

Space heaters 230V single phase, max temp 160°C

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	List price per motor SD, DP 200 Series
143-145	690	—
182-184	690	—
213-215	690	—
254-256	690	—
284-286	1,150	—
324-326	1,150	—
364-365	1,150	—
404-405	1,403	—
444-449	1,403	1,403
L449	—	1,403
440	—	1,403

Not for GP100A. Not for SD661.

A48 (Modification code)

Space heaters 115V/230V single phase, max temp 160°C

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	List price per motor SD, DP 200 Series
143-145	690	—
182-184	690	—
213-215	690	—
254-256	1,265	—
284-286	1,265	—
324-326	1,265	—
364-365	1,403	—
404-405	1,403	—
444-449	1,403	1,403
L449	—	1,403
509-5813	—	1,403

Motor Mod Express®

Tropicalization

C02 (Modification code)

Insulation fungus protection - No UL

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	460	—
182-184	460	—
213-215	460	—
254-256	460	—
284-286	460	—
324-326	460	—
364-365	518	—
404-405	575	—
440	644	644
L449	—	644
500	—	690
580	—	690

Not for GP100A

Weather proofing

L90 (Modification code)

IP66 ingress protection

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	2,348	—
182-184	2,348	—
213-215	2,452	—
254-256	2,861	—
284-286	2,965	—
324-326	3,119	—
364-365	3,579	—
404-405	4,395	—
440	4,802	—

XP Only

Motor Mod Express®

Grounding screws

L27 (Modification code)

Vertical lifting devices (No drip cover)

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	List price per motor SD, DP 200 Series
143-145	541	—
182-184	658	—
213-215	658	—
254-256	892	—
284-286	957	—
324-326	1,656	—
364-365	1,656	—
404-405	2,088	—
440	2,302	—

Not for GP100A

Testing

F10 (Modification code)

Routine test report

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	List price per motor SD, DP 200 Series
143-145	690	—
182-184	690	—
213-215	690	—
254-256	690	—
284-286	690	—
324-326	690	—
364-365	690	—
404-405	690	—
440	690	575
L449	—	575
500	—	575
580	—	575

Motor Mod Express®

Testing (cont.)

F12 (Modification code)

Routine test report (Witnessed)

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	3,744	—
182-184	3,744	—
213-215	3,744	—
254-256	3,744	—
284-286	3,779	—
324-326	4,536	—
364-365	5,428	—
404-405	5,909	—
440	6,389	6,325
L449	—	6,325
500	—	7,981
580	—	7,981

F15 (Modification code)

Complete test

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	15,523	—
182-184	15,523	—
213-215	15,523	—
254-256	15,523	—
284-286	15,668	—
324-326	18,209	—
364-365	22,264	—
404-405	25,424	—
440	27,623	27,715
L449	—	27,715
500	—	**
580	—	**

Motor Mod Express®

Testing (cont.)

F17 (Modification code)

Complete test (Witnessed)

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	23,283	—
182-184	23,283	—
213-215	23,283	—
254-256	23,283	—
284-286	23,499	—
324-326	27,347	—
364-365	33,394	—
404-405	38,136	—
440	41,435	41,515
L449	—	41,515
500	—	**
580	—	**

F20 (Modification code)

Routine test + vibration

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	1,380	—
182-184	1,380	—
213-215	1,380	—
254-256	1,380	—
284-286	1,380	—
324-326	1,380	—
364-365	1,380	—
404-405	1,380	—
440	1,380	1,380
L449	—	1,380
500	—	1,380
580	—	1,380

Motor Mod Express®

Testing (cont.)

F22 (Modification code)

Routine test + vibration (Witnessed)

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	7,489	—
182-184	7,489	—
213-215	7,489	—
254-256	7,489	—
284-286	7,558	—
324-326	7,558	—
364-365	7,558	—
404-405	7,558	—
440	7,558	7,475
L449	—	7,475
500	—	8,694
580	—	8,694

F27 (Modification code)

Performance load test (Curve report)

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	11,643	—
182-184	11,643	—
213-215	11,643	—
254-256	11,643	—
284-286	11,751	—
324-326	13,657	—
364-365	16,698	—
404-405	19,067	—
440	20,716	16,583
L449	—	16,583
500	—	16,583
580	—	16,583

Motor Mod Express®

Testing (cont.)

F36 (Modification code)

Routine test report of electrical duplicate design

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	690	—
182-184	690	—
213-215	690	—
254-256	690	—
284-286	690	—
324-326	690	—
364-365	690	—
404-405	690	—
440	690	575
L449	—	575
500	—	575
580	—	575

F37 (Modification code)

Routine test + vibration

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	1,047	—
182-184	1,047	—
213-215	1,047	—
254-256	1,047	—
284-286	1,047	—
324-326	1,047	—
364-365	1,047	—
404-405	1,047	—
440	1,047	1,047
L449	—	1,047
500	—	1,047
580	—	1,047

Motor Mod Express®

Terminal block

K83 (Modification code)

Terminal block in main box

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	List price per motor SD, DP 200 Series
143-145	524	—
182-184	524	—
213-215	787	—
254-256	787	—
284-286	1,191	—
324-326	1,191	—
364-365	1,191	—
404-405	—	—
440	—	6,440
L449	—	6,440
500	—	6,440
580	—	6,440

Not for GP100A

Documentation

F00 (Modification code)

Certificate of compliance

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	List price per motor SD, DP 200 Series
143-145	690	—
182-184	690	—
213-215	690	—
254-256	690	—
284-286	690	—
324-326	690	—
364-365	690	—
404-405	690	—
440	690	690
L449	—	690
500	—	690
580	—	690

Motor Mod Express®

Documentation (cont.)

F01 (Modification code)

Certificate of origin - stamped by Chamber of Commerce

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	2,070	—
182-184	2,070	—
213-215	2,070	—
254-256	2,070	—
284-286	2,070	—
324-326	2,070	—
364-365	2,070	—
404-405	2,070	—
440	2,070	2,070
L449	—	2,070
500	—	2,070
580	—	2,070

F03 (Modification code)

Standard performance curves

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	1,718	—
182-184	1,718	—
213-215	1,718	—
254-256	1,718	—
284-286	1,718	—
324-326	1,718	—
364-365	1,718	—
404-405	1,718	—
440	1,718	1,035
L449	—	1,035
500	—	1,035
580	—	1,035

Motor Mod Express®

Documentation (cont.)

F04 (Modification code)

Acceleration time calculation

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	437	—
182-184	437	—
213-215	437	—
254-256	437	—
284-286	437	—
324-326	437	—
364-365	437	—
404-405	437	—
440	437	437
L449	—	437
500	—	437
580	—	437

F07 (Modification code)

Curve package at 100% and 80% voltage (S-T, PERF)

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	2,749	—
182-184	2,749	—
213-215	2,749	—
254-256	2,749	—
284-286	2,749	—
324-326	2,749	—
364-365	2,749	—
404-405	2,749	—
440	2,749	1,725
L449	—	1,725
500	—	1,725
580	—	1,725

Motor Mod Express®

Documentation (cont.)

F08 (Modification code)

Shaft torsional analysis (Includes shaft drawing)

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	1,150	—
182-184	1,150	—
213-215	1,150	—
254-256	1,150	—
284-286	1,150	—
324-326	1,150	—
364-365	1,150	—
404-405	1,150	—
440	1,150	1,150
L449	—	1,150
500	—	1,150
580	—	1,150

F09 (Modification code)

Bearing L10 Calculation

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	1,265	—
182-184	1,265	—
213-215	1,265	—
254-256	1,265	—
284-286	1,265	—
324-326	1,265	—
364-365	1,265	—
404-405	1,265	—
440	1,265	1,265
L449	—	1,265
500	—	1,265
580	—	1,265

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Documentation (cont.)

F40 (Modification code)

Stall time curve (Thermal limit curve)

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	104	—
182-184	104	—
213-215	104	—
254-256	104	—
284-286	104	—
324-326	104	—
364-365	104	—
404-405	104	—
440	104	713
L449	—	713
500	—	713
580	—	713

F42 (Modification code)

Standard dimensional sheet

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	104	—
182-184	104	—
213-215	104	—
254-256	104	—
284-286	104	—
324-326	104	—
364-365	104	—
404-405	104	—
440	104	345
L449	—	345
500	—	345
580	—	345

Motor Mod Express®

Documentation (cont.)

F43 (Modification code)

Non-standard dimension sheet

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	1,203	—
182-184	1,203	—
213-215	1,203	—
254-256	1,203	—
284-286	1,203	—
324-326	1,203	—
364-365	1,203	—
404-405	1,203	—
440	1,203	1,265
L449	—	1,265
500	—	1,265
580	—	1,265

F44 (Modification code)

Conduit box dimension sheet

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	104	—
182-184	104	—
213-215	104	—
254-256	104	—
284-286	104	—
324-326	104	—
364-365	104	—
404-405	104	—
440	104	713
L449	—	713
500	—	713
580	—	713

Motor Mod Express®

Documentation (cont.)

F45 (Modification code)

Wiring diagram

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	104	—
182-184	104	—
213-215	104	—
254-256	104	—
284-286	104	—
324-326	104	—
364-365	104	—
404-405	104	—
440	104	345
L449	—	345
500	—	345
580	—	345

F46 (Modification code)

Instruction and operation manual in English

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	104	—
182-184	104	—
213-215	104	—
254-256	104	—
284-286	104	—
324-326	104	—
364-365	104	—
404-405	104	—
440	104	345
L449	—	345
500	—	345
580	—	345

Motor Mod Express®

Documentation (cont.)

F47 (Modification code)

Renewal parts

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	104	—
182-184	104	—
213-215	104	—
254-256	104	—
284-286	104	—
324-326	104	—
364-365	104	—
404-405	104	—
440	104	345
L449	—	345
500	—	345
580	—	345

F48 (Modification code)

Conduit box dimension sheet

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	1,403	—
182-184	1,403	—
213-215	1,403	—
254-256	1,403	—
284-286	1,403	—
324-326	1,403	—
364-365	1,403	—
404-405	1,403	—
440	1,403	1,403
L449	—	1,403
500	—	1,403
580	—	1,403

Motor Mod Express®

Documentation (cont.)

F49 (Modification code)

Performance data sheets

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	600	—
182-184	600	—
213-215	600	—
254-256	600	—
284-286	600	—
324-326	600	—
364-365	600	—
404-405	600	—
440	600	598
L449	—	598
500	—	598
580	—	598

F50 (Modification code)

Customer specific data sheets

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	1,203	—
182-184	1,203	—
213-215	1,203	—
254-256	1,203	—
284-286	1,203	—
324-326	1,203	—
364-365	1,203	—
404-405	1,203	—
440	1,203	1,265
L449	—	1,265
500	—	1,265
580	—	1,265

Motor Mod Express®

Documentation (cont.)

F51 (Modification code)

Shaft profile detail (Included materials data)

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	List price per motor SD, DP 200 Series
440	—	460
L449	—	460
500	—	460
580	—	460

F60 (Modification code)

Visual inspection proof (Max 8X photos)

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	List price per motor SD, DP 200 Series
440	782	782
L449	—	782
500	—	782
580	—	782

Frame

K38 (Modification code)

Provisions for dowel holes

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	List price per motor SD, DP 200 Series
284-286	1,001	—
324-326	1,111	—
364-365	1,219	—
404-405	1,412	—
440	2,105	2,070
L449	—	2,070
500	—	*
580	—	*

Not for GP100A

Motor Mod Express®

Frame (cont.)

K70 (Modification code)

Rotation arrow bi-directional

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	327	—
182-184	327	—
213-215	327	—
254-256	327	—
284-286	327	—
324-326	327	—
364-365	327	—
404-405	327	—
440	327	345
L449	—	345
500	—	345
580	—	345

K71 (Modification code)

Rotation arrow clockwise (From NDE)

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	327	—
182-184	327	—
213-215	327	—
254-256	327	—
284-286	327	—
324-326	327	—
364-365	327	—
404-405	327	—
440	327	345
L449	—	345
500	—	345
580	—	345

Motor Mod Express®

Frame (cont.)

K72 (Modification code)

Rotation arrow counter clockwise (From NDE)

NEMA frame	List price per motor SD, GP, XP, HP, LP 100 Series	 SD, DP 200 Series
143-145	327	—
182-184	327	—
213-215	327	—
254-256	327	—
284-286	327	—
324-326	327	—
364-365	327	—
404-405	327	—
440	327	345
L449	—	345
500	—	345
580	—	345

Motor Mod Express®

Low Voltage NEMA to Next Generation Crossover index

			Phase Out - NEMA Motor SD100			Next Generation NEMA SD200		
HP	**RPM**	**Voltage**	**Frame**	**Type**	**Part Number**	**Frame**	**Type**	**Part Number**
75	900	460	B444T	SD100	1LE23214ED112AA3	444T	SD200	1LE63214BD112AA1
			444TS	SD100	1LE23214DD112AA3	444TS	SD200	1LE63214FD112AA1
			444T	SD100	1LE23214CD112AA3	R444T	SD200	1LE63214SD112AA1
		575	B444T	SD100	1LE23214ED113AA3	444T	SD200	1LE63214BD113AA1
			444TS	SD100	1LE23214DD113AA3	444TS	SD200	1LE63214FD113AA1
			444T	SD100	1LE23214CD113AA3	R444T	SD200	1LE63214SD113AA1
100	1200	460	B444T	SD100	1LE23214EC112AA3	444T	SD200	1LE63214BC112AA1
			444TS	SD100	1LE23214DC112AA3	444TS	SD200	1LE63214FC112AA1
			444T	SD100	1LE23214CC112AA3	R444T	SD200	1LE63214SC112AA1
		575	B444T	SD100	1LE23214EC113AA3	444T	SD200	1LE63214BC113AA1
			444TS	SD100	1LE23214DC113AA3	444TS	SD200	1LE63214FC113AA1
			444T	SD100	1LE23214CC113AA3	R444T	SD200	1LE63214SC113AA1
	900	460	B445T	SD100	1LE23214ED212AA3	445T	SD200	1LE63214BD212AA1
			445TS	SD100	1LE23214DD212AA3	445TS	SD200	1LE63214FD212AA1
			445T	SD100	1LE23214CD212AA3	R445T	SD200	1LE63214SD212AA1
		575	B445T	SD100	1LE23214ED213AA3	445T	SD200	1LE63214BD213AA1
			445TS	SD100	1LE23214DD213AA3	445TS	SD200	1LE63214FD213AA1
			445T	SD100	1LE23214CD213AA3	R445T	SD200	1LE63214SD213AA1
125	3600	460	444TS	SD100	1LE23214DA112AA3	444TS	SD200	1LE63214FA112AA1
		575	444TS	SD100	1LE23214DA113AA3	444TS	SD200	1LE63214FA113AA1
	1800	460	B444T	SD100	1LE23214EB112AA3	444T	SD200	1LE63214BB112AA1
			444TS	SD100	1LE23214DB112AA3	444TS	SD200	1LE63214FB112AA1
			444T	SD100	1LE23214CB112AA3	R444T	SD200	1LE63214SB112AA1
		575	B444T	SD100	1LE23214EB113AA3	444T	SD200	1LE63214BB113AA1
			444TS	SD100	1LE23214DB113AA3	444TS	SD200	1LE63214FB113AA1
			444T	SD100	1LE23214CB113AA3	R444T	SD200	1LE63214SB113AA1
	1200	460	B445T	SD100	1LE23214EC212AA3	445T	SD200	1LE63214BC212AA1
			445TS	SD100	1LE23214DC212AA3	445TS	SD200	1LE63214FC212AA1
			445T	SD100	1LE23214CC212AA3	R445T	SD200	1LE63214SC212AA1
		575	B445T	SD100	1LE23214EC213AA3	445T	SD200	1LE63214BC213AA1
			445TS	SD100	1LE23214DC213AA3	445TS	SD200	1LE63214FC213AA1
			445T	SD100	1LE23214CC213AA3	R445T	SD200	1LE63214SC213AA1
	900	460	B447T	SD100	1LE23214ED312AA3	447T	SD200	1LE63214CD112AA1
			447TS	SD100	1LE23214DD312AA3	447TS	SD200	1LE63214GD112AA1
			447T	SD100	1LE23214CD312AA3	R447T	SD200	1LE63214TD112AA1
		575	B447T	SD100	1LE23214ED313AA3	447T	SD200	1LE63214CD113AA1
			447TS	SD100	1LE23214DD313AA3	447TS	SD200	1LE63214GD113AA1
			447T	SD100	1LE23214CD313AA3	R447T	SD200	1LE63214TD113AA1
150	3600	460	445TS	SD100	1LE23214DA212AA3	445TS	SD200	1LE63214FA212AA1
		575	445TS	SD100	1LE23214DA213AA3	445TS	SD200	1LE63214FA213AA1

Low Voltage NEMA to Next Generation Crossover index continued

			Phase Out - NEMA Motor SD100			Next Generation NEMA SD200		
HP	**RPM**	**Voltage**	**Frame**	**Type**	**Part Number**	**Frame**	**Type**	**Part Number**
150	1800	460	445TS	SD100	1LE23214DB212AA3	445TS	SD200	1LE63214FB212AA1
			445T	SD100	1LE23214CB212AA3	R445T	SD200	1LE63214SB212AA1
		575	B445T	SD100	1LE23214EB213AA3	445T	SD200	1LE63214BB213AA1
			445TS	SD100	1LE23214DB213AA3	445TS	SD200	1LE63214FB213AA1
			445T	SD100	1LE23214CB213AA3	R445T	SD200	1LE63214SB213AA1
	1200	460	B447T	SD100	1LE23214EC312AA3	447T	SD200	1LE63214CC112AA1
			447TS	SD100	1LE23214DC312AA3	447TS	SD200	1LE63214GC112AA1
			447T	SD100	1LE23214CC312AA3	R447T	SD200	1LE63214TC112AA1
		575	B447T	SD100	1LE23214EC313AA3	447T	SD200	1LE63214CC113AA1
			447TS	SD100	1LE23214DC313AA3	447TS	SD200	1LE63214GC113AA1
			447T	SD100	1LE23214CC313AA3	R447T	SD200	1LE63214TC113AA1
	900	460	B447T	SD100	1LE23214ED412AA3	449T	SD200	1LE63214CD212AA1
			447TS	SD100	1LE23214DD412AA3	449TS	SD200	1LE63214GD212AA1
			447T	SD100	1LE23214CD412AA3	R449T	SD200	1LE63214TD212AA1
		575	B447T	SD100	1LE23214ED413AA3	449T	SD200	1LE63214CD213AA1
			447TS	SD100	1LE23214DD413AA3	449TS	SD200	1LE63214GD213AA1
			447T	SD100	1LE23214CD413AA3	R449T	SD200	1LE63214TD213AA1
200	3600	460	447TS	SD100	1LE23214DA312AA3	447TS	SD200	1LE63214GA112AA1
		575	447TS	SD100	1LE23214DA313AA3	447TS	SD200	1LE63214GA113AA1
	1800	460	B447T	SD100	1LE23214EB312AA3	447T	SD200	1LE63214CB112AA1
			447TS	SD100	1LE23214DB312AA3	447TS	SD200	1LE63214GB112AA1
			447T	SD100	1LE23214CB312AA3	R447T	SD200	1LE63214TB112AA1
		575	B447T	SD100	1LE23214EB313AA3	447T	SD200	1LE63214CB113AA1
			447TS	SD100	1LE23214DB313AA3	447TS	SD200	1LE63214GB113AA1
			447T	SD100	1LE23214CB313AA3	R447T	SD200	1LE63214TB113AA1
	1200	460	B449T	SD100	1LE23214EC512AA3	449T	SD200	1LE63214CC212AA1
			449TS	SD100	1LE23214DC512AA3	449TS	SD200	1LE63214GC212AA1
			449T	SD100	1LE23214CC512AA3	R449T	SD200	1LE63214TC212AA1
		575	B449T	SD100	1LE23214EC513AA3	449T	SD200	1LE63214CC213AA1
			449TS	SD100	1LE23214DC513AA3	449TS	SD200	1LE63214GC213AA1
			449T	SD100	1LE23214CC513AA3	R449T	SD200	1LE63214TC213AA1
	900	460	S449SS	SD100	1LE23214GD112AA3	L449TS	SD200	1LE63214HD112AA1
			S449LS	SD100	1LE23214FD112AA3	RL449T	SD200	1LE63214UD112AA1
		575	S449SS	SD100	1LE23214GD113AA3	L449TS	SD200	1LE63214HD113AA1
			S449LS	SD100	1LE23214FD113AA3	RL449T	SD200	1LE63214UD113AA1
250	3600	460	449TS	SD100	1LE23214DA512AA3	449TS	SD200	1LE63214GA212AA1
		575	449TS	SD100	1LE23214DA513AA3	449TS	SD200	1LE63214GA213AA1
	1800	460	B449T	SD100	1LE23214EB512AA3	449T	SD200	1LE63214CB212AA1
			449TS	SD100	1LE23214DB512AA3	449TS	SD200	1LE63214GB212AA1
			449T	SD100	1LE23214CB512AA3	R449T	SD200	1LE63214TB212AA1
		575	B449T	SD100	1LE23214EB513AA3	449T	SD200	1LE63214CB213AA1
			449TS	SD100	1LE23214DB513AA3	449TS	SD200	1LE63214GB213AA1
			449T	SD100	1LE23214CB513AA3	R449T	SD200	1LE63214TB213AA1

Low Voltage NEMA to Next Generation Crossover index continued

			Phase Out - NEMA Motor SD100			Next Generation NEMA SD200		
HP	**RPM**	**Voltage**	**Frame**	**Type**	**Part Number**	**Frame**	**Type**	**Part Number**
250	1200	460	B449T	SD100	1LE23214EC612AA3	449T	SD200	1LE63214CC312AA1
			449TS	SD100	1LE23214DC612AA3	449TS	SD200	1LE63214GC312AA1
			449T	SD100	1LE23214CC612AA3	R449T	SD200	1LE63214TC312AA1
		575	B449T	SD100	1LE23214EC613AA3	449T	SD200	1LE63214CC313AA1
			449TS	SD100	1LE23214DC613AA3	449TS	SD200	1LE63214GC313AA1
			449T	SD100	1LE23214CC613AA3	R449T	SD200	1LE63214TC313AA1
	900	460	S449LS	SD100	1LE23214FD212AA3	RL449T	SD200	1LE63214UD212AA1
		575	S449LS	SD100	1LE23214FD213AA3	RL449T	SD200	1LE63214UD213AA1
300	3600	460	449TS	SD100	1LE23214DA612AA3	449TS	SD200	1LE63214GA312AA1
		575	449TS	SD100	1LE23214DA613AA3	449TS	SD200	1LE63214GA313AA1
	1800	460	B449T	SD100	1LE23214EB612AA3	449T	SD200	1LE63214CB312AA1
			449TS	SD100	1LE23214DB612AA3	449TS	SD200	1LE63214GB312AA1
			449T	SD100	1LE23214CB612AA3	R449T	SD200	1LE63214TB312AA1
		575	B449T	SD100	1LE23214EB613AA3	449T	SD200	1LE63214CB313AA1
			449TS	SD100	1LE23214DB613AA3	449TS	SD200	1LE63214GB313AA1
			449T	SD100	1LE23214CB613AA3	R449T	SD200	1LE63214TB313AA1
	1200	460	S449LS	SD100	1LE23214FC112AA3	RL449T	SD200	1LE63214UC112AA1
		575	S449LS	SD100	1LE23214FC113AA3	RL449T	SD200	1LE63214UC113AA1
350	3600	460	S449SS	SD100	1LE23214GA112AA3	L449TS	SD200	1LE63214HA112AA1
		575	S449SS	SD100	1LE23214GA113AA3	L449TS	SD200	1LE63214HA113AA1
	1800	460	S449SS	SD100	1LE23214GB212AA3	L449TS	SD200	1LE63214HB112AA1
			S449LS	SD100	1LE23214FB212AA3	RL449T	SD200	1LE63214UB112AA1
		575	S449SS	SD100	1LE23214GB213AA3	L449TS	SD200	1LE63214HB113AA1
			S449LS	SD100	1LE23214FB213AA3	RL449T	SD200	1LE63214UB113AA1
400	3600	460	S449SS	SD100	1LE23214GA312AA3	L449TS	SD200	1LE63214HA212AA1
		575	S449SS	SD100	1LE23214GA313AA3	L449TS	SD200	1LE63214HA213AA1
	1800	460	S449LS	SD100	1LE23214FB312AA3	R509	SD200	1LE63215RB112AK1
		575	S449SS	SD100	1LE23214GB313AA3	L449TS	SD200	1LE63214HB213AA1
			S449LS	SD100	1LE23214FB313AA3	R509	SD200	1LE63215RB113AK1

ABB Motors and Mechanical Inc.
5711 RS Boreham Jr. Street
Fort Smith, AR 72901
Ph: 1.479.646.4711

new.abb.com/motors-generators

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