

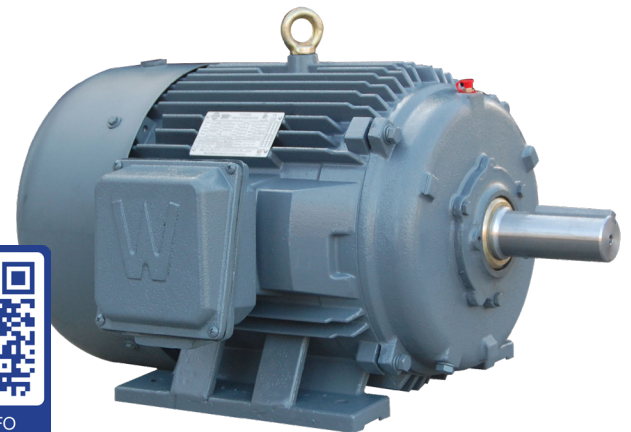
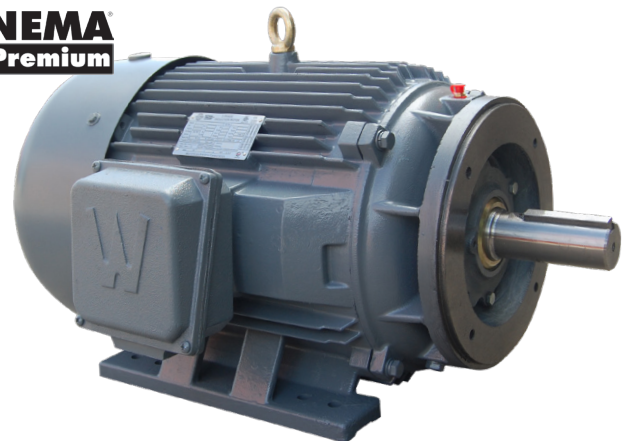
Severe Duty - Premium Efficiency Motors

PEWWE Series

Three-phase, high-performance motors for severe duty and general purpose applications

WorldWide Electric's Premium efficiency Severe Duty PEWWE Series Motors are an ideal solution for many industrial applications. These reliable, high performance motors are well-equipped to power anything from pumps, fans, compressors, and blowers to crushing, hammer mill, and aggregate processing equipment. Featuring a TEFC enclosure, premium efficiency performance, oversized bearings, and inverter-grade magnet wire, the WorldWide Electric Premium efficiency Severe Duty Motor is ready for whatever you can give it.

NEMA
Premium



Quick Specs & Features

- Output: 1 - 500 hp
- Speed: 3600, 1800, 1200, and 900 rpm
- Voltage: 230/460 Volts at 60 Hz (1 - 200 hp), 460 Volts (250 - 500 hp)
- Service Factor: 1.25 SF (1 - 200 hp), 1.15 SF (250 - 500 hp)



Responsive
Service & Technical Support



Quality Products
Competitive Pricing



In Stock Availability
Warehouses Nationwide



Fast Shipping
Same-Day Available

Product Features

- 230/460 Volts at 60 Hz (1 - 200 hp)
- 460 Volt at 60 Hz (200 - 500 hp) (449T-586/7 Frame)
- Totally Enclosed Fan Cooled (TEFC) enclosure
- IP55 protection
- Rigid Base or C-Face with feet (TC)
- Class F insulation
- Premium efficiency
- Inverter duty
 - 10:1 CT / 20:1 VT at 1.0 SF (1 - 400 hp)
- Inverter ready
 - 3:1 CT / 6:1 VT at 1.0 SF (450 - 500 hp)
- CSA Certified
 - Class 1, Division 2, Groups A, B, C, D (1 - 400 hp)
- DOE/EEV CC006A
- Oversized bearings
- Heavy gauge rolled steel fan cover
- Metal clad V-ring seals
- Spike resistant inverter-grade magnet wire, per NEMA MG1 Part 31

Options (May not be available for all models)

- BB: Ball bearing on drive-end for direct coupled applications
- IB: Insulated opposite drive-end bearing (ODE) installed
- R: Roller bearing on drive-end for belted applications
- DD: Double drilled feet
- FC: F1/F2 convertible

Helwig Carbon® Bearing Protectors

Available from WorldWide Electric, bearing protectors can be used to divert current from the motor shaft and provide the lowest resistant path to ground. They are easy to install and include an integral bracket for easy mounting.



Frame Size	Model Number
364T / 365T	SGK-PEWWE-364/5T
404T / 405T	SGK-PEWWE-404/5T/TS
444T / 445T	SGK-PEWWE-444/5T
445/7TS	SGK-PEWWE-445/7TS
445/7T	SGK-PEWWE-445/7T
449T **	SGK-PEWWE-449T **
586/7 / 586/7UZ	SGK-PEWWE-586/7T-UZ

* Installation of this product will result in loss of Class I Division 2 Classification from motor.

** Not suitable for use with PEWWE350-18-449T or PEWWE350-12-449T.

Model Number Selection

Sample Part Number: PEWWE250-12-449T

Each model number contains the product family, horsepower, rpm, and frame size. Ratings for hp with a decimal will carry a decimal to the model number, i.e. 7.5 hp becomes PEWWE7.5-18-213T. Ratings for rpm are divided by 100 i.e. a 1200 rpm motor becomes PEWWE250-12-449T.

‡ Not all combinations indicated by this table are possible. Please contact us or visit shop.worldwideelectric.com for more information on availability.

HP	RPM	Frame Size	Frame Suffix
1	3600	143	T
1.5	1800	145	TC
2	1200	182	TS
3	900	184	TSC
5		213	
7.5		215	
10		254	
15		256	
20		284	
25		286	
30		324	
40		326	
50		364	
60		365	
75		404	
100		405	
125		444	
150		445	
200		445/7	
250		449	
300		L449	
350		505	
400		586/7	
450			
500			



WorldWide Electric Corporation is a leading manufacturer of electric motors, motor controls, gear reducers, and generators. Offering fast, often same-day, shipping from seven regional US warehouses, WorldWide Electric takes pride in providing a competitive edge to our customers by responding to their requirements with urgency, technical expertise, and professionalism.

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