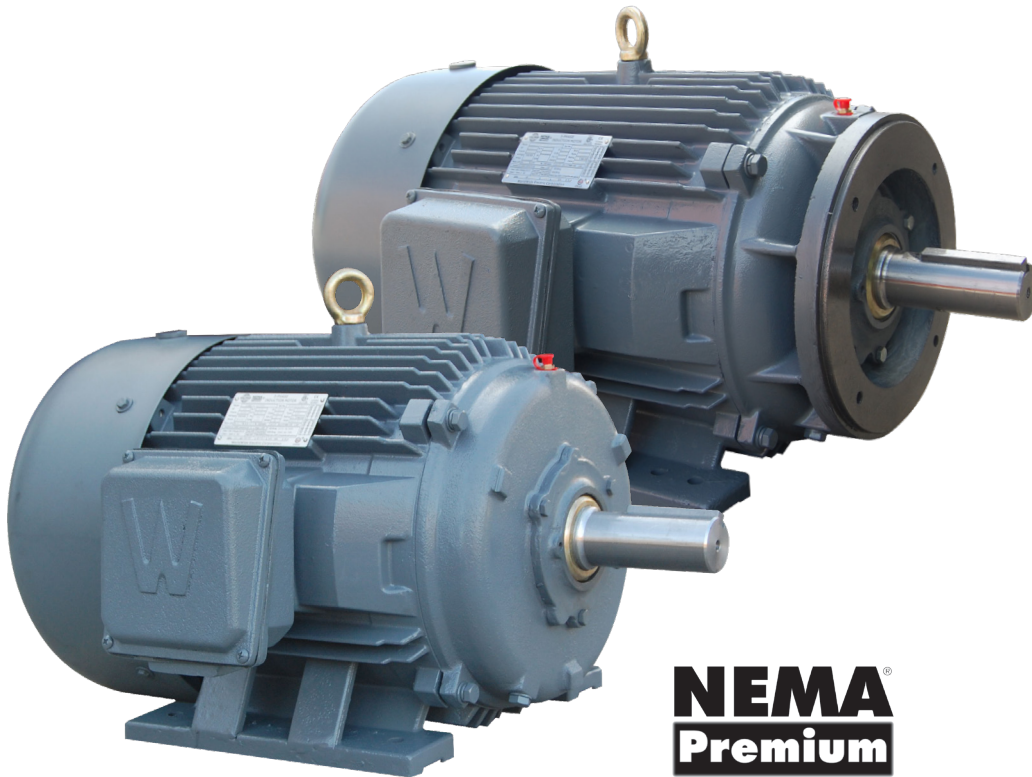




WorldWide
ELECTRIC CORPORATION

(800) 808-2131
WORLDWIDEELECTRIC.NET

**ELECTRIC
MOTORS**



NEMA[®]
Premium

Premium Efficiency Severe Duty Motors

Built for General Purpose and Severe Duty 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.

Specifications

- Output: 1-500 HP
- Phase: 3
- Speed: 3600, 1800, 1200 and 900 RPM
- Frequency: Dual rated 50/60 Hz (1-400 HP), 60 Hz (450-500 HP)
- Voltage: 208-230/460 Volt, 60 Hz (most models)

In-Stock and Ready to Ship

We aim to make our customers more competitive by stocking the products they need and responding to their requirements with a shared sense of urgency. With \$50 million of ready-to-ship inventory at six regional US warehouses, we're ready to assist you!

For more details, visit wwec.co/PEWWE

Product Features

- 1-500 HP
- 3600, 1800, 1200 and 900 RPM
- 208-230/460 Volt, 60 Hz
- 460 Volt, 60 Hz (449T-586/7 Frame)
- Totally Enclosed Fan Cooled (TEFC) Enclosure
- IP55 Protection
- 1.25 SF (1-200 HP); 1.15 SF (250-500 HP)
- Class F Insulation
- Rigid Base, C-Face with Feet (C) and Short Shaft (S) Models Available
- 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)
- Class 1, Division 2, Groups A, B, C, D (1-400 HP)
- DOE/EEV CC006A
- Oversized Bearings
- Suitable for 50 Hz Operation with 1.0 SF (1-400 HP)
- Heavy Gauge Rolled Steel Fan Cover
- Models with Insulated Bearings on Opposite Drive End (ODE) Available
- Metal Clad V-Ring Seals
- Spike Resistant Inverter-Grade Magnet Wire, per NEMA MG1 Part 31

For more details, including full specifications and compliance, visit wwec.co/PEWWE

Helwig Carbon® Bearing Protectors

Available from WorldWide Electric, Helwig Carbon® 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.



Helwig Carbon Bearing Protector

Model Number Selection

Each model number contains the product family, horsepower rating, RPM, and NEMA frame size.

Sample Model Number: PEWWE15-36-215TC

PEWWE	15	-	36	-	215TC
Product Family	HP Rating		RPM/100		Frame Size

PEWWE15-36-215TC is a 15 HP, 3600 RPM, 215TC C-Face Premium Efficient Severe Duty Motor

* Please note that HP ratings with a decimal will carry a decimal to the model number, i.e. 7.5 HP becomes PEWWE7.5-12-254T

Available Models

Horsepower	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		505	
350		586/7	
400			
450			
500			

‡ Not all combinations indicated by this table are possible. Please contact a representative or visit worldwideelectric.net for more information on available models.



WorldWide Electric Corporation is a leading manufacturer of electric motors, motor controls, gear reducers, and generators as well as the exclusive master distributor of Hyundai Electric's low-voltage motors and drives. Offering fast, often same-day, shipping from six 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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