

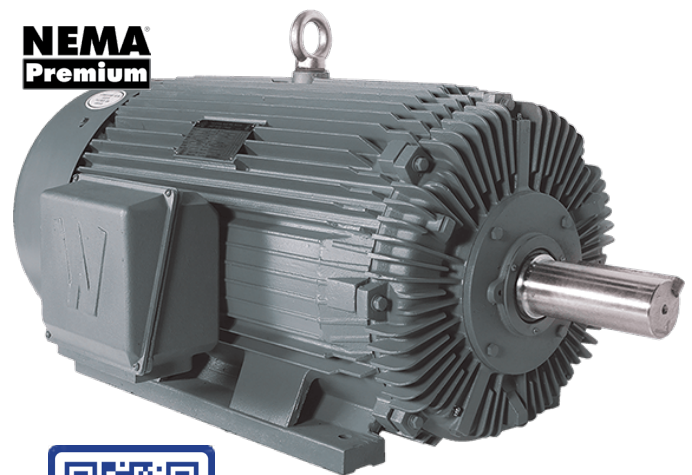
# Premium Efficient Motors for Severe Duty Crusher Applications

## PEWWE Series

Built to withstand harsh environments with vibration, heat, dust and debris

WorldWide Electric's PEWWE Series Motors are built to resist harsh environmental conditions while providing reliable performance under the heavy daily usage. They feature high starting and breakdown torques, a heavy-duty endbell design, 4140 high tensile strength steel radius cut shaft, oversized bearings, and a cir-clip on the ODE bearing.

This motor is an excellent choice for many high-impact, heavy-duty industries and applications, such as heavy duty belt drives, conveyors, and crushing applications in concrete and aggregate processing, or hammer mill, pellet mill, and chipper applications in the biomass industry.



### Quick Specs & Features

- Output: 250 - 500 hp
- Speed: 1800 and 1200 rpm
- Voltage: 460 Volt at 60 Hz
- Service Factor: 1.15 SF
- Enclosure: Totally Enclosed Fan Cooled (TEFC)



**Responsive**  
Service & Technical Support



**Quality Products**  
Competitive Pricing



**In Stock Availability**  
Warehouses Nationwide



**Fast Shipping**  
Same-Day Available

## Product Features

- 460 Volt at 60 Hz (250 - 500 hp) (449T-586/7 Frame)
- Totally Enclosed Fan Cooled (TEFC) enclosure
- IP55 protection
- Rigid Base
- 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

## Model Number Selection

### Sample Part Number: PEWWE250-12-449T

Each model number contains the product family, horsepower, rpm, and frame size. 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](http://shop.worldwideelectric.com) for more information on availability.

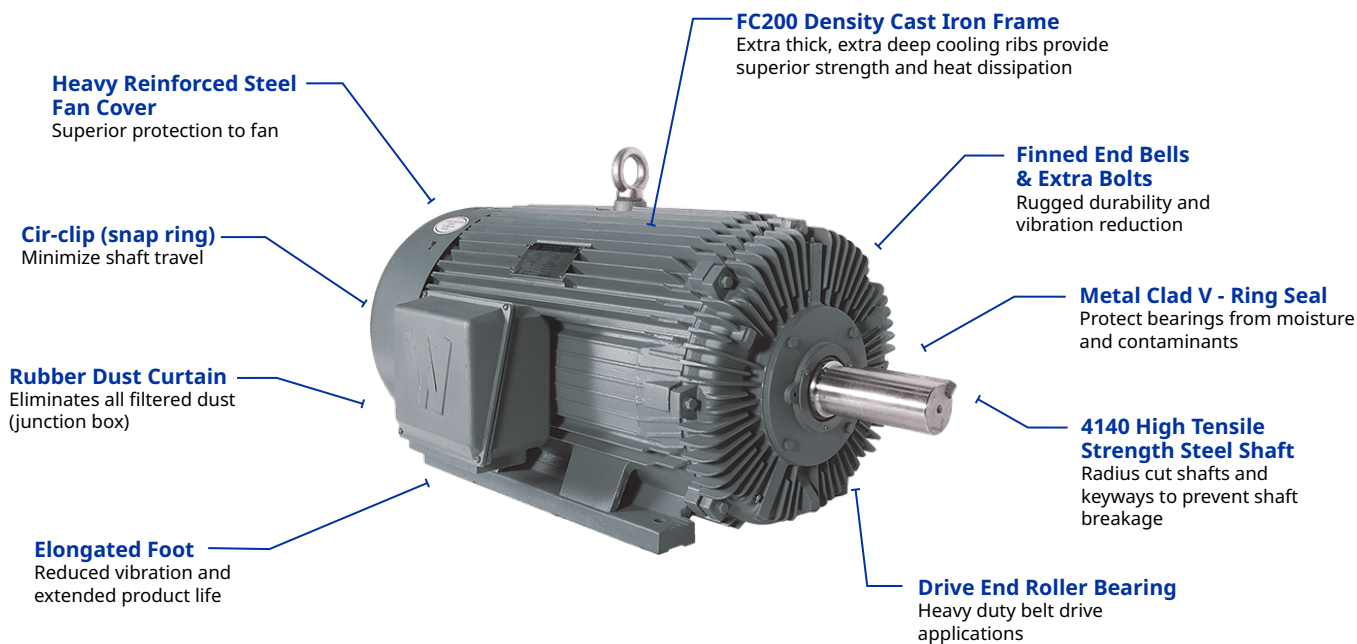
HP	RPM	Frame Size	Options
200	1800	449T	BB
250	1200	449TC	IB
300	900	449TS	F2
350		449T/TC/TS	GR
400		505Z	SH
450		505UZ	
500		586/7	
		586/7UZ	

## Additional Severe Duty Products

In addition to Crusher Duty motors, WorldWide Electric supplies heavy duty variable frequency drives to manage crushing and feeding applications and shaft mount reducers for conveyor operations. Learn more about our solutions for the concrete, aggregate and biomass industries.

## 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
- F2: F2 Mounting Configuration
- GR: Includes Grounding Ring
- SH: Includes Space Heater



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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