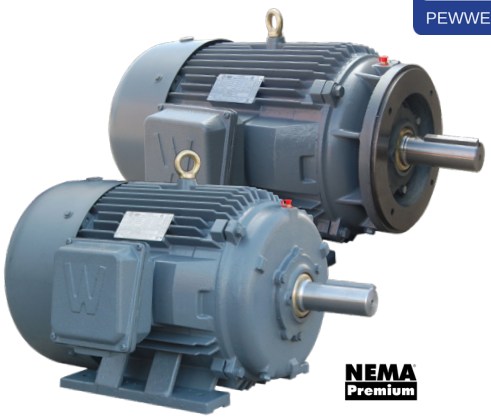
worldwideelectric.com
(800) 808-2131

General Purpose and Severe Duty Motors

PEWWE MOTORS

- **Three-phase, high starting and breakdown torques**
- **1 - 200 hp, 230/460 Volts**
- **200 - 600 hp, 460 Volts**
- **1 - 200 hp, 575 Volts‡**
- **Frame Size: 143 - 586/7 T, TC, TS, TSC Available**
- **3600, 1800, 1200, and 900 rpm**
- **1.25 (1 - 200 hp), 1.15 (250 - 500 hp) Service Factors**
- **Inverter Duty/Ready (see below)**



Construction

- Totally Enclosed Fan Cooled (TEFC) enclosure
- Rigid base or C-face with feet (TC)
- 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 - 600 hp)
- Vacuum Pressure Impregnation (VPI) system
- Metal clad V-ring seals
- Heavy gauge rolled steel fan cover
- Spike resistant inverter-grade magnet wire, per NEMA MG1 Part 31

Protection & Environmental

- IP55 protection
- Class F insulation
- CSA Certified; Class 1, DIV. 2, Grp. A, B, C, D (1 - 400 hp)
- DOE/EEV CC006A

Options (May not be available for all models)

- Ball bearing on DE for direct coupled applications
- Roller bearing on DE for belted applications
- Insulated ODE bearing
- F1/F2 convertible
- F2 Mounted
- Double drilled feet (4, 6 or 12)

Helwig Carbon® Bearing Protectors

Divert current from the motor shaft and include an integral bracket for easy mounting. See catalog for details.



Applications

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 mills, and aggregate processing equipment.



Close-coupled
- 1 - 50 hp
- 3600, 1800 rpm
- Frame Sizes: 143 - 326

Designed to meet the demands of industrial and commercial centrifugal **pump applications** requiring JM or JP shafts.



Rock Crusher
- 200 - 600 hp
- 1800, 1200 rpm
- Frame Sizes: 445/7 - 586/7

Our Rock Crusher Motors provide **high starting and breakdown torques** for high-impact, heavy-duty applications, such as aggregate conveyors and lifts.



F1-3 Convertible
- 300 to 500 hp
- Frame Sizes: L449

WorldWide's **PEWWE series performance** with a top-mounted snorkel/conduit box allows field convertible to F1, F2, and F3 configuration.

1 Not all combinations of HP, frame and styles may be possible.