

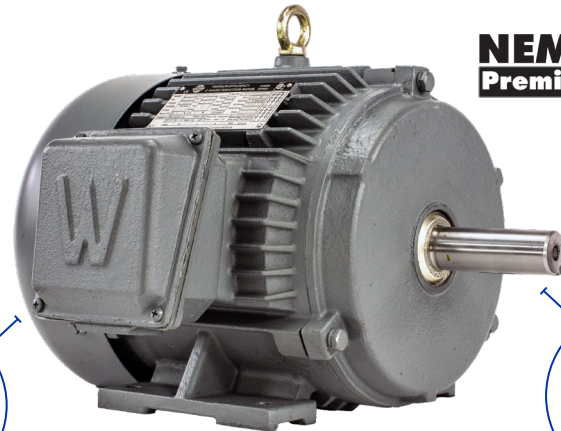
# Grain Drying and Centrifugal Fan Motors

## Premium Efficient - PEWWE Series

Three-phase, high-performance motors are built to withstand harsh environments with vibration, heat, dust, and debris.

### Product Features

- Output: 1 - 50 hp, 1800 rpm
- 230/460 Volts at 60 Hz
- Totally Enclosed Fan Cooled (TEFC)
- IP55 Protection
- Rigid Base
- Class F Insulation
- NEMA Premium Efficiency
- 1.25 Service Factor
- Inverter duty
  - 10:1 CT / 20:1 VT at 1.0 SF
- CSA Certified
  - Class 1, Division 2, Groups A, B, C, D
- DOE/EEV CC006A
- Oil Seal on Drive-End and Opposite Drive-End
- Vacuum Pressure Impregnation (VPI) System
- Oversized, Double Shielded Ball Bearings on all Ratings
- Heavy gauge rolled steel fan cover
- Spike resistant inverter-grade magnet wire, per NEMA MG1 Part 31


**NEMA**  
**Premium**

**Extended Leads**  
 72" Long Leads to aid installation

**Extended Shaft**  
 1" Longer Shaft Than Standard T-Frame

HP	RPM	Frame Size	Frame Suffix
1	1800	182	TZ
1.5		184	
2		213	
3		215	
5		254	
7.5		256	
10		284	
15		286	
20		324	
25		326	
30			
40			
50			



### Model Number Selection

#### Sample Part Number: PEWWE3-18-182TZ-GD

Each model number contains the product family, horsepower, rpm, and frame size and Grain Dryer (GD) designation. Ratings for hp with a decimal will carry a decimal to the model number, i.e. 7.5 hp becomes PEWWE7.5-18-213TZ-GD. Ratings for rpm are divided by 100 i.e. a 1800 rpm motor becomes PEWWE10-18-215TZ-GD.

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

