Grain Drying and Centrifugal Fan Motors

GRAIN DRYER MOTORS

- **Three-phase high performance motors**
- **High starting and breakdown torques**
- **NEMA Premium Efficiency**
- **1 - 50 hp**
- **230/460 Volts at 60 Hz**
- **1800 rpm**
- **Frame Sizes: 182 - 326 TZ**
- **1.25 Service Factor**
- **Inverter Duty 10:1 CT / 20:1 VT at 1.0 SF**



Extended Leads
72" Long Leads to Aid Installation

NEMA Premium

Extended Shaft
1" Longer Shaft than Standard T-Frame

Construction

- Totally Enclosed Fan Cooled (TEFC) enclosure
- Rigid base
- 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

Protection & Environmental

- IP55 protection
- Class F insulation
- CSA Certified; Class 1, Division 2, Groups A, B, C, D
- DOE/EEV CC006A

Applications

WorldWide Electric's Grain Dryer motors are an excellent choice for many high-impact, heavy-duty grain drying and centrifugal fan applications in agriculture and farming. They feature an extended shaft and extended leads for these specific applications.

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