NEMA Premium® Efficiency - General Purpose - ODP Motor

WEG premium efficiency motors meet or exceed all NEMA Premium® and CEE requirements for energy efficiency. These Open Drip Proof (ODP) motors are designed for environments where dirt and moisture are minimal. Design B torque and high-efficiency design on frames 143T through 444/5T. These motors are specifically designed to provide maximum ventilation and heat dissipation.

Features:
- NEMA dimensions
- NEMA Design B
- Service factor 1.15
- Class F insulation for all frames
- 40°C ambient continuous-duty (S1)
- 1045 heat-treated and stress-relieved carbon steel shaft (4140 for roller bearing motors)
- All motors are supplied with ball bearings as standard
- F1 mount
- Synthetic enamel alkyd resin base paint
- NPT threaded terminal box
- Stainless steel nameplate – laser etched (except roller steel frame – sticker)
- Energy Reduction: Uses less energy than competing products with same function and purpose
- Motor meets NEMA Premium® efficiency standards for electric motors

Applications:
- Pumps
- Fans
- Kneader and mixer machines
- Cutter and sawing machines
- Pressing machines
- Industrial equipment
- Conveyors
- Blowers
- Compressors
- Machinery
- Cranes
- Packaging equipment

Foot Mounted
Three Phase

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Cooling Tower NEMA Premium® Efficiency Motor

Features:
- Totally enclosed fan cooled – TEFC (IP55) water tight and dust tight enclosure
- Multiple end bell drains for shaft up, down or horizontal mounting
- Automatic drain plugs on t-box
- Rubber lead separator (island seal) on drive end
- External slinger (umbrella seal) on drive end
- Double sealed – 2RS ball bearings (up to 326T)
- V-ring slingers on both endshields
- Joint seal between frame and brackets
- Internally and externally epoxy painted
- V-ring sizers on both endshields
- External slinger (umbrella seal) on drive end
- 1045 steel shaft for motors 404T and above (3,600 rpm motors
- Class F insulation for all frames
- Service factor 1.15
- NEMA Design B
- NEMA dimensions
- Class ‘F’ insulation for all frames
- Class ‘H’ resin insulation system
- Temperature rise: Class ‘B’ (80°C)
- NEMA design ‘B’
- Most ratings meet design C torque
- Service factor: 1.25 up to 100 hp; 1.15 from 125 hp and up
- Continuous-duty (S1)
- NPT threaded terminal box
- F2 mount
- Stainless steel nameplate AISI 316 with laser etching
- MG1 part 31 rating for use with VFD – 1001 variable torque speed range

Applications:
- Packaging equipment
- Power transmission
- Conveyors
- Packaging equipment
- Compressors
- Blowers
- Machinery
- Cranes
- Fans
- Pumps
- Power off operation manual release
- Reset automatically
- Brakes internally connected to motor

Foot Mounted
Three Phase

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