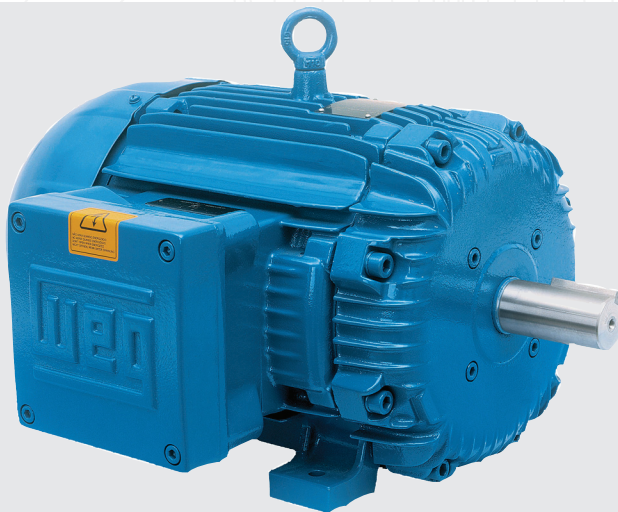


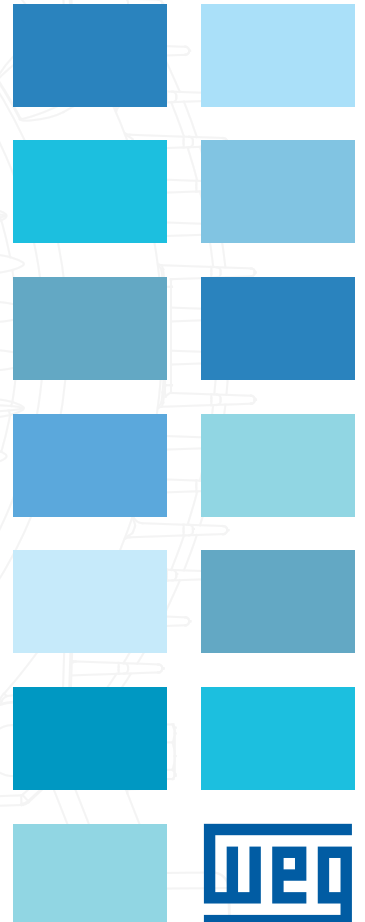
Explosion Proof Motors

1 - 500 HP, 2,4,6,& 8 Pole

- TEFC High Efficiency
- TEFC NEMA Premium®
- Three Phase
- Foot & Flange Mount
- UL and CSA Certification



USEP1027

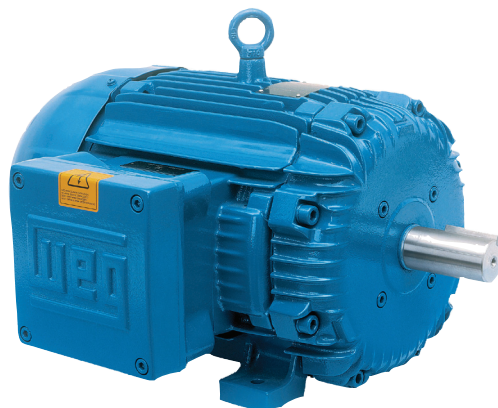




Explosion Proof

Three Phase - Foot Mount and Flange Mount

WEG Explosion Proof motors are suitable for applications requiring UL or CSA certification for hazardous locations. Thermally protected with thermostats, all motors manufactured are submitted to routine testing at the factory to ensure compliance to the required specifications. WEG Explosion Proof motors are specifically designed to meet or exceed all EISA 2007 requirements for energy efficiency.



Applications

- Petroleum and gasoline
- Flour / feed mills
- Grain elevators
- Fans
- Pumps
- Blowers
- Material handling equipment
- Other applications requiring motors UL or CSA listed for hazardous locations

Optional Features

- Flange mount
- Special voltages
- Specially dimensioned shaft
- Second shaft end
- Stainless steel shaft
- Footless
- Other mounting configurations

CSA AND UL APPROVED

CSA approved - File LR 50962



Class I, Division I, groups C and D
Class II, Division I, groups F and G

UL approved - File E 87848

Temperature code T4
Frame 143T up to 326T



Class I, Division I, groups C and D
Class II, Division I, groups F and G

Frame 364T up to 586/7

Temperature code T3C

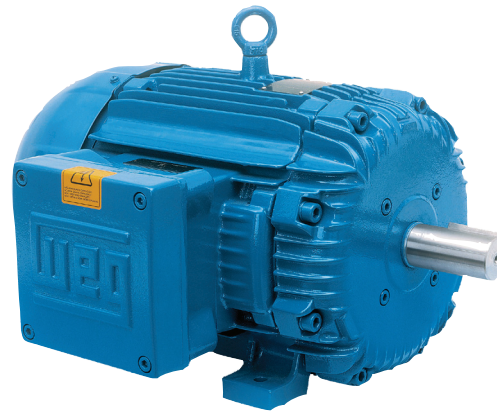
Class I, Division I, groups C and D
Class II, Division I, groups F and G*

* For group G, Service Factor 1.0

Explosion Proof

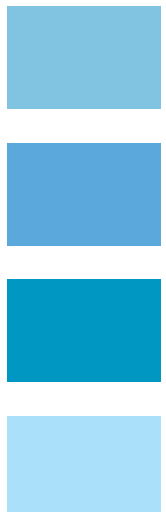
Three Phase

Foot Mount and Flange Mount



Standard Features

- Efficiency Certification number CC029A according to US Department of Energy Regulations
- Three-phase, 60Hz
- Voltage: 208-230/460, 460 or 575V
- Squirrel cage rotor / Aluminum die cast
- Totally Enclosed Fan Cooled – TEFC (IP54 & IP55)
- Ball bearings are supplied as standard regreasable bearings 364T Frames & Larger
- Cast iron frame
- Class 'F' insulation
- Temperature rise: Class 'B' (80°C) @ FL
- Service factor: 1.15
- Inverter Duty as per CSA Standard (LR50962)
- NEMA dimensions
- NEMA ratings design 'B'
- Continuous Duty (S1)
- 104°F (40°C) ambient temperature
- Altitude: 3300 ft (1000 m)
- 1045 Carbon Steel Shaft for frames up to 365T
- 4140 steel shaft for motors 404T and above. (3600 RPM motors supplied with 1045)
- Class 'F' insulation for all frames
- Class 'H' impregnation resin
- 60/50Hz Nameplate
- Stainless steel nameplate
- Paint: Synthetic Enamel alkyd resin base (exceeds ASTM B117 salt spray test 200 hours)
- Color: RAL 5009 – Blue
- NPT threaded terminal box
- Non-sparking fan
- Thermostats
- F1 mount





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The Quality Choice

Industrial Motors and Gears Limited is a limited company
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Registration Number 4293316.

VAT Registration Number 780154731.