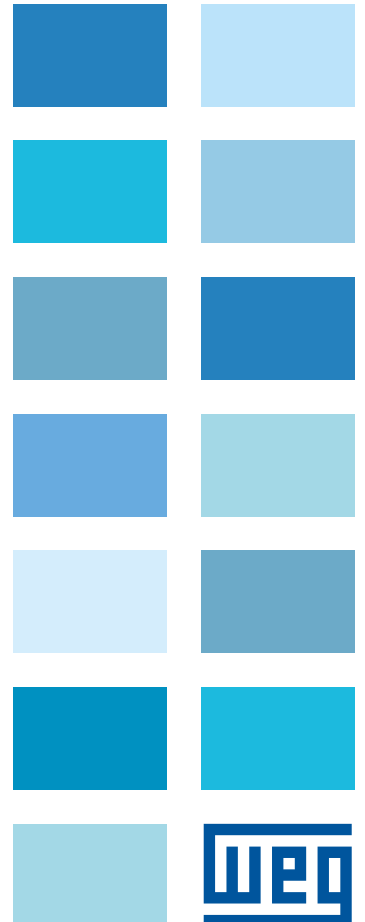


Explosion Proof

Motors

- TEFC High Efficiency
- Three Phase
- Foot & Flange Mount
- UL or CSA Certification



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 hydrostatic as well as other routine testing at the factory to ensure compliance to the required specifications. WEG High Efficiency Explosion Proof motors are specifically designed to meet or exceed all EPA 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

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)
- Ball bearings are supplied as standard
- Cast iron frame
- Class 'F' insulation
- Temperature rise: Class 'B' (80°C)
- 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)
- Color: RAL 5007 – Blue (II, IV and VI pole)
- NPT threaded terminal box
- Non-sparking fan
- Thermostats
- F1 mount

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



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Please contact your authorized distributor: