

Construction

- IP56 enclosure
- Low vibration level of .08 in/s or less
- Foot flatness of .005 in max
- Extended grease tubes for re-greasing in the field without disassembly of the motor
- Non sparking fan
- Corrosion resistant grade 5 hardware
- Special shaft TIR specification (1/2 of NEMA standard)
- Epoxy paint
- Internal epoxy corrosion coating on all internal metal surfaces

Nameplate

- Stainless steel engraved nameplate with nominal efficiency and power factor data included
- Certified for Class I Div. 2/ Zone 2 Gr. A,B,C,D. Class II Div. 2/Zone 22 Gr. F & G
- UL (UR) mark, as well as CSA mark on nameplate



Conduit Box

- Grounding provision inside conduit box and on motor frame
- Cast iron construction

Bearings

- Labyrinth style seal on both ends of shaft
- All frames with regreaseable ball bearings
- Roller bearing option available

Insulation

- Class F insulation system with Class B temperature rise
- 1.15 Service Factor minimum
- VFD compatible with 5:1 Constant Torque/10:1 Variable Torque
- NEMA Design B torques
- Single voltage/3-leads only (460 or 575V)

Testing

- IEEE841 Test report supplied with each motor
- Suitable for marine duty IEEE45
- 5 year warranty

