



APPLICATIONS:

- Crushers
- Impactors
- Chippers/ Shredders
- Ball Mills/ Rolling Mills
- Any High Torque Application

FEATURES:

- 20 - 600 hp
- 1800, 1200, 900 RPM
- Totally Enclosed Fan Cooled (IP55 Rating)
- Standard Efficient Design
- 36 Month Warranty from Date of Manufacture
- 60 Hz – 230/ 460V (Usable on 208V). 150 hp and Larger is 460V Only
- 50 Hz Data on Nameplate - 190/ 380V at 1.0 S.F. 150 hp and Larger is 380V Only at 1.0 S.F.
- Standard With Thermistors (PTC 140°C), 1 per Phase, Wired to a Separate Auxiliary Box
- 1.15 Service Factor – Continuous
- Class F Insulation with Phenolic Alkyd Resin Varnish – 2 Dips and Bakes
- Class B Temperature Rise
- NEMA Design C Torques - $\geq 200\%$ Starting Torque, $\geq 250\%$ Breakdown Torque
- Oversized Main Conduit Box Rotatable in 90 Degree Increments – Fully Gasketed with NPT Threaded Entrances - F1 Mounted.
- Designed for 40°C Ambient Temperature - Note (1)
- Designed for 3300 ft. Elevation - Note (2)
- Bidirectional Rotation
- Cast Iron Frame, End Brackets, and Conduit Box
- Rolled Steel Fan Cover
- High Strength 4140 AISI Steel Shaft
- Locknut and Washer on NDE for Vertical Shaft Down Applications on 440 Frames and Larger
- Drain Holes/ Plugs on Both End Brackets for Vertical Applications
- Threaded One Way Breather Drains for Horizontal Applications
- Aluminum Die Cast Rotor Construction
- Paint System: Phenolic Rust Proof Base Plus Polyurethane Top Coat
- Paint Color: Blue Gray – Munsell 7.5GB 4/ 2
- Vacuum De-Gassed Re-Greasable Bearings with Polyrex EM Grease
- Roller Bearing on Drive-End – 360T Frames and Larger
- Labyrinth Type Metal Grease Flinger on Both Ends
- Cast Iron Inner and Outer Bearing Caps – 320T Frames and Larger
- Grounding Terminal Inside Main Box and on Motor Foot
- Stainless Steel Nameplate
- 6 Leads
- Motors are CSA Approved
- Precautions should be taken to eliminate or reduce shaft currents that may be imposed on the motor by the VFD as stated per NEMA MG1 Part 31.4.4.3.

EXTRAS/ OPTIONS:

Please [click here](#) for a list of common modifications that can be performed.

Notes:

- (1) Please consult factory for suitability in higher ambients.
- (2) Please consult factory for suitability in higher elevations.