

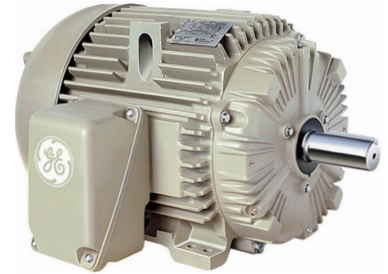


10 REASONS WHY YOU SHOULD CHOOSE

GEIM's NEMA Premium Extra Severe Duty Motors

► Safety

- Casted lifting lugs tested individually at over 4 times the weight of the motor vs single eye bolt.
- Non sparking corrosion resistance fan.
- Thermostat controlled space heaters available for classified locations.
- Grounding lug inside conduit box and on frame.
- Fan covers on 324-449 have axial mounting bolts for more rugged installation.



XSD Ultra

► Superior Insulation System

- Class H (180 °C) insulation throughout the whole motor.
- Trickle-treat varnish process for optimum slot fill and winding coverage.
- GEGARD 2400 for voltage spike protection.
- Every motor CIV tested and exceeds NEMA MG1-31, providing high reliability for fixed speed and inverter duty applications.
- Non hygroscopic, Anti fungus polyester resin.



XSD Ultra 841

► Proven Bearing System

- Single shielded oversized bearings on every motor.
- Sealed bearing system that is 100% regreasable, IP55 and above protection.
- 130,000 hr L10 bearing life on 4 pole motors.
- Fully charged lubrication system before assembly.
- Suitable for 40 °C to +120 °C temperatures.
- Gasketed Cast Iron bearing caps to retain lubricant and protect the bearing system and interior of the motor from contaminants.

► Reliability and Flexibility

- Average 30% below class B temperature rise for cooler running motors.
- ISO 1940 Grade 1.0 Precision Plus balance, maximum allowable over-all vibration is .04 IPS PK for long bearing life.
- Field modifiable F2 mounting for more flexibility on applications.
- Oversized conduit box for making lead connections.
- GE C5 Stator Lamination, Inorganic, high resistance coating by special chemical/ thermal processing, Increased core burnout temperature 400 °C = 752 °F.
- Cast-in vibration pads for repeatability and smooth surface.
- Foot flatness tolerance of 0.0005 inches provides easy alignment to connected equipment.
- Internal test for XSD Ultra motor continued to operate after being subjected to 1,000,000 plug reversals.
- Comprehensive 5 year warranty (60 / 66 months).
- Epoxyester paint system 1000 hours ASTM B-117 Salt Spray.



XSD Ultra 661

