X$D ULTRA® Family

Checklist for Value

Complete Test per MG1 Part 12 IEEE Standard 112, Test Method B on 2% of all production. Verification of compliance and routine test report supplied with every X$D Ultra motor.

Charged lube system with Polyurea grease decreases the potential for contaminants in the lubricant.

Dual mounting holes provide for application versatility and reduce inventory.

Four point cast-in lifting lugs eliminate lost eye bolts and make mounting easier and safer.

X$D Ultra motors include the elements necessary to field install shaft-mounted encoders for closed loop drive applications.

All stock X$D Ultra motors can be UL listed for Division II locations.

Brass combination breather/drains allow condensation to drain from motor.

Three year performance and mechanical warranty (36/42 month) is standard. This comprehensive warranty program covers both mechanical and efficiency performance.

Rugged cast iron frame, conduit box and fan cover are resistant to process industry environments for extended motor life.

Epoxyester paint system stands up to corrosive environments and meets the IEEE 841 paint requirements.

Rigid and recessed severe-duty shaft slinger provides bearing system protection. Field modifiable to a non-contact rotating seal on the drive-end.

Corrosion resistant SAE Grade 5 hardware is rugged and designed for ease of the motor service.

Grease fittings and plugs provide relubrication access to extend bearing life.

Embossed 316 stainless steel nameplate stamped with superior operational and maintenance information.Permanently labeled, non-wicking Class F leads make connections and installation easy.

Lead gasket and conduit box cover gasket prevent moisture and contaminants from entering motor.

Cast-in vibration pads provide five point vibration probe mounting locations (four radial and one axial).

Single shielded bearings on both ends open towards the grease cavity allowing maximum opportunity for grease circulation within the confines of the GE Six Star Bearing System.

130,000 hour L10 direct connected and 50,000 hour L10a belted bearing life increases up-time and decreases repair costs.

Oversized gasketed conduit box reduces the possibility of moisture in the conduit box.

Precision Plus balance to .04 ips results in smooth, reliable operation and extends bearing life.

Cast iron bearing cap with gasket retains lubricant and protects the interior of the motor and the bearing system from contaminants.

New finned endshield for improved heat dissipation and long bearing life.

Non-sparking corrosion resistant fan is quiet and energy efficient.

Premium efficiency lowers annual energy cost and extends motor life without any sacrifice in NEMA B performance.

Increased air gap on 324 through 449 frames achieves higher efficiencies without exceeding NEMA B starting currents.

GEGARD2000 insulation system is manufactured with Class H materials and is designed to exceed the IGBT requirements of NEMA MG1-31.

Extended grease fittings and grease filler tubes charged with Polyerea grease make maintenance safer and easier.

ISO 1940 Grade 1.0 Precision Plus balance for low vibration.

Temperature resistant Polyurea bearing grease suitable for temperatures of -40 to +130° C.

Fan covers on frames 324 through 449 are designed with axial mounting bolts to ensure a more rugged installation.

Grounding terminal in conduit box adds to safety during installation and service.

Stator core centered in the frame enabling conversion to F2 mounting.

Low temperature rise design increases bearing life.