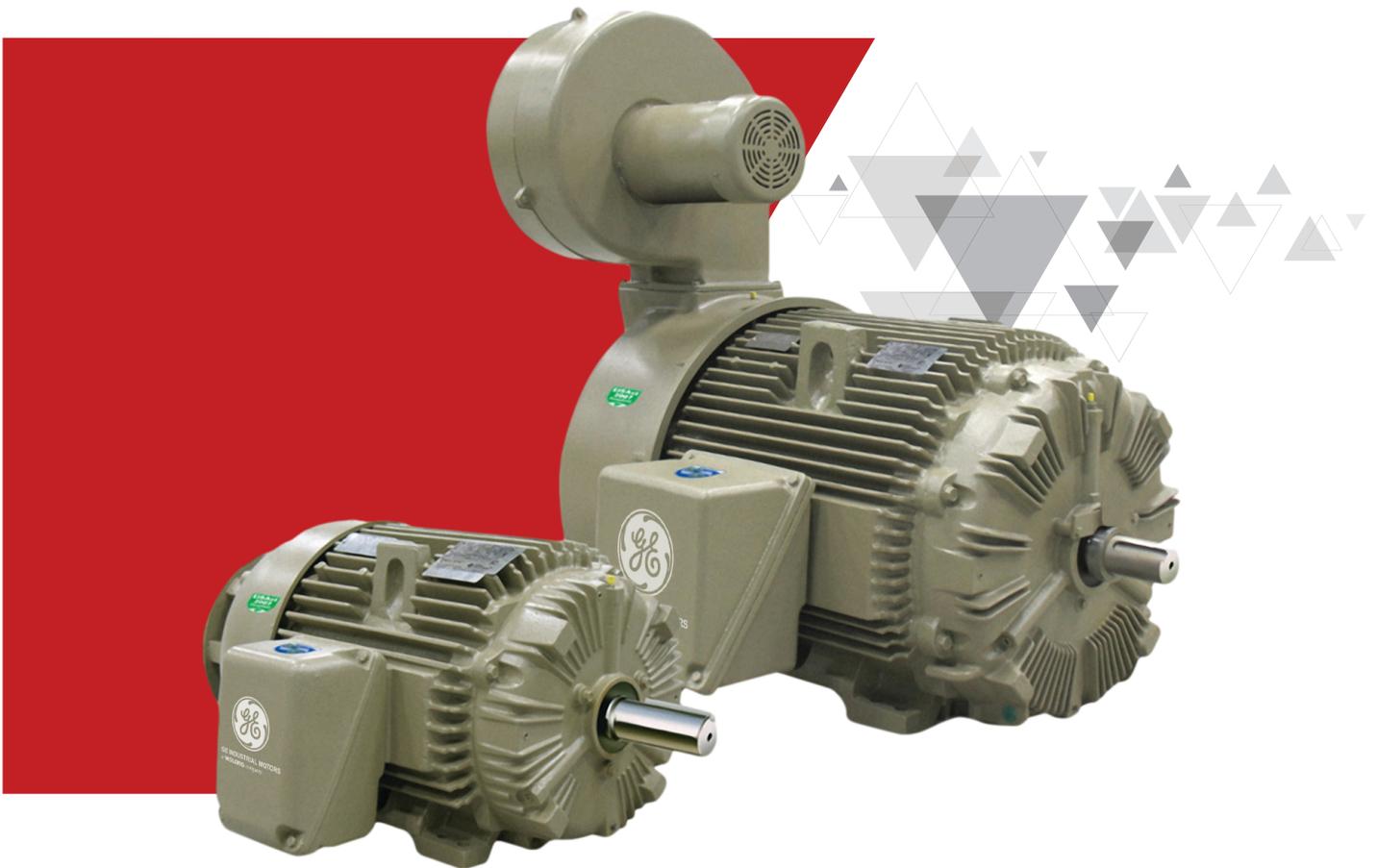




GE INDUSTRIAL MOTORS
a WOLONG company

A\$D Ultra[®]

Constant Torque, Variable Speed Drive Motors



+1 (888) 525-2915
www.gemotorswolong.com

All constant torque motors are not built the same.

Standard Rating

1.5 - 300HP
1200 and 1800RPM
230/460V or 460V
TEFC, TENV, TEBC

Reliability is built in.

Designed for longer life in tough industrial applications.

- Can handle scalar or vector drives.
- Infinite:1 constant torque from zero to base speed.
- Constant Horse Power to 1.5X base speed on standard offering and up to 2X on custom offerings.
- NEMA Premium efficiency at 60Hz.
- 2 N/C thermostat on 143-286 frame.
- 3 N/C thermostat on 324-449 frame.
- Class F rise (105°C max) TEFC/TENV.
- Class B rise (80°C max) TEBC.

Key Features

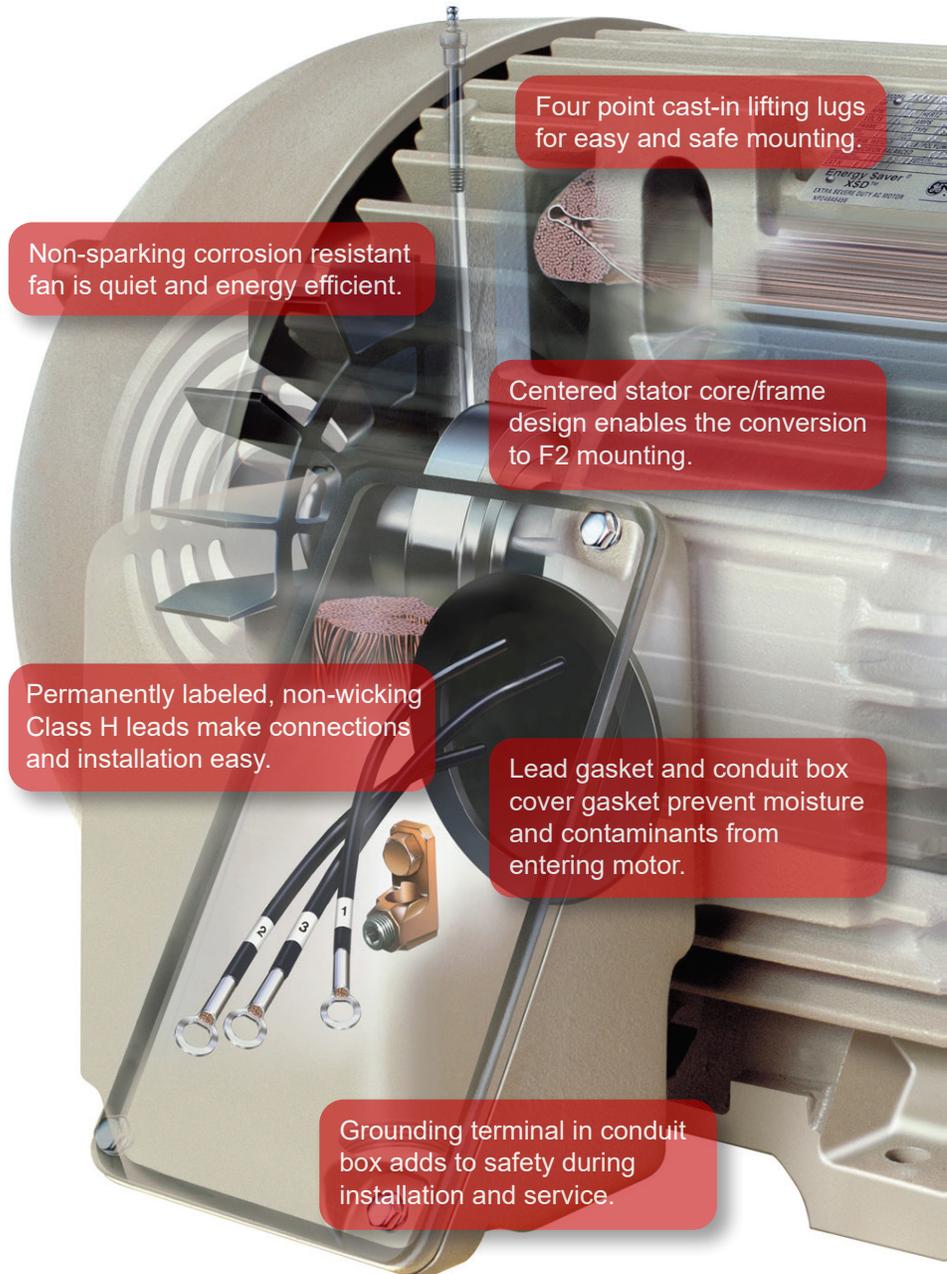
Comprehensive five year warranty (60/66 months) is standard. Extended AEGIS™ SGR bearing guarantee on motors up to and including 100HP: 15 yrs or 130k hrs direct drive; 10yrs or 80k hrs belted drive.

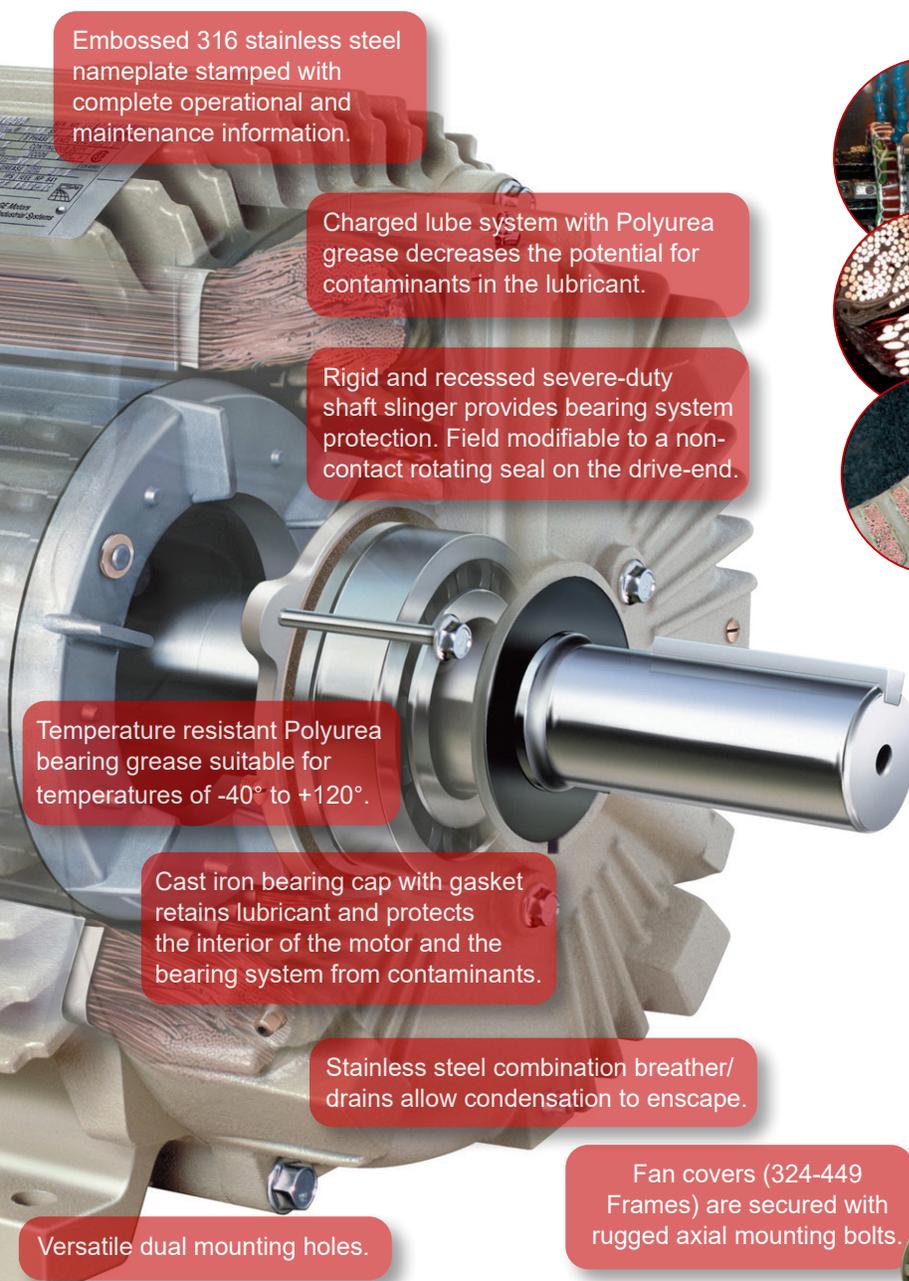
ISO 1940 Grade 1.0 Precision Plus balance to 0.04 in/sec results in smooth, reliable operation and long bearing life.

Built for a long 130,000 hour L10 direct connected and 50,000 hour L10 belted bearing life without life adjusting factors.

Complete test per MG1 Part 12 IEEE Standard 112 and Corona Inception Voltage (CIV). Verification of compliance and routine test report supplied with every ASD Ultra motor.

ASD Ultra motors can be UL listed, CSA listed, or GEIM self certified for Division 2 locations or modified to meet ATEX Zone 2 or CE requirements.





Embossed 316 stainless steel nameplate stamped with complete operational and maintenance information.

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

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

Temperature resistant Polyurea bearing grease suitable for temperatures of -40° to +120°.

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

Stainless steel combination breather/drains allow condensation to escape.

Versatile dual mounting holes.

Fan covers (324-449 Frames) are secured with rugged axial mounting bolts.

Rugged cast iron frame, conduit box and fan cover.

Oversized gasketed conduit box helps to keep moisture out.



GEGARD™ 2800 Insulation offers added protection
Our Class H GEGARD insulation system is designed to excel in variable frequency drive applications exceeding NEMA MG1-31 standards.

Rotational Varnish Application
Even resin coverage.
Less gaps (helps prevent corona inception damages).

Strong Bond
Wire bonding guards against end-turn vibration.

High Protection
Contaminants can't penetrate tightly bonded windings and slots.

Corrosion resistant and rugged SAE Grade 5 hardware.

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

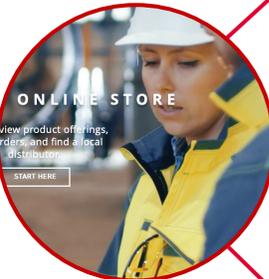
Finned end-shields (324-449 Frames) improve heat dissipation and extend bearing life.



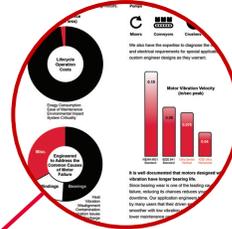
Five point cast-in vibration probe mounting locations (four radial and one axial).

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