



GE INDUSTRIAL MOTORS  
a WOLONG company

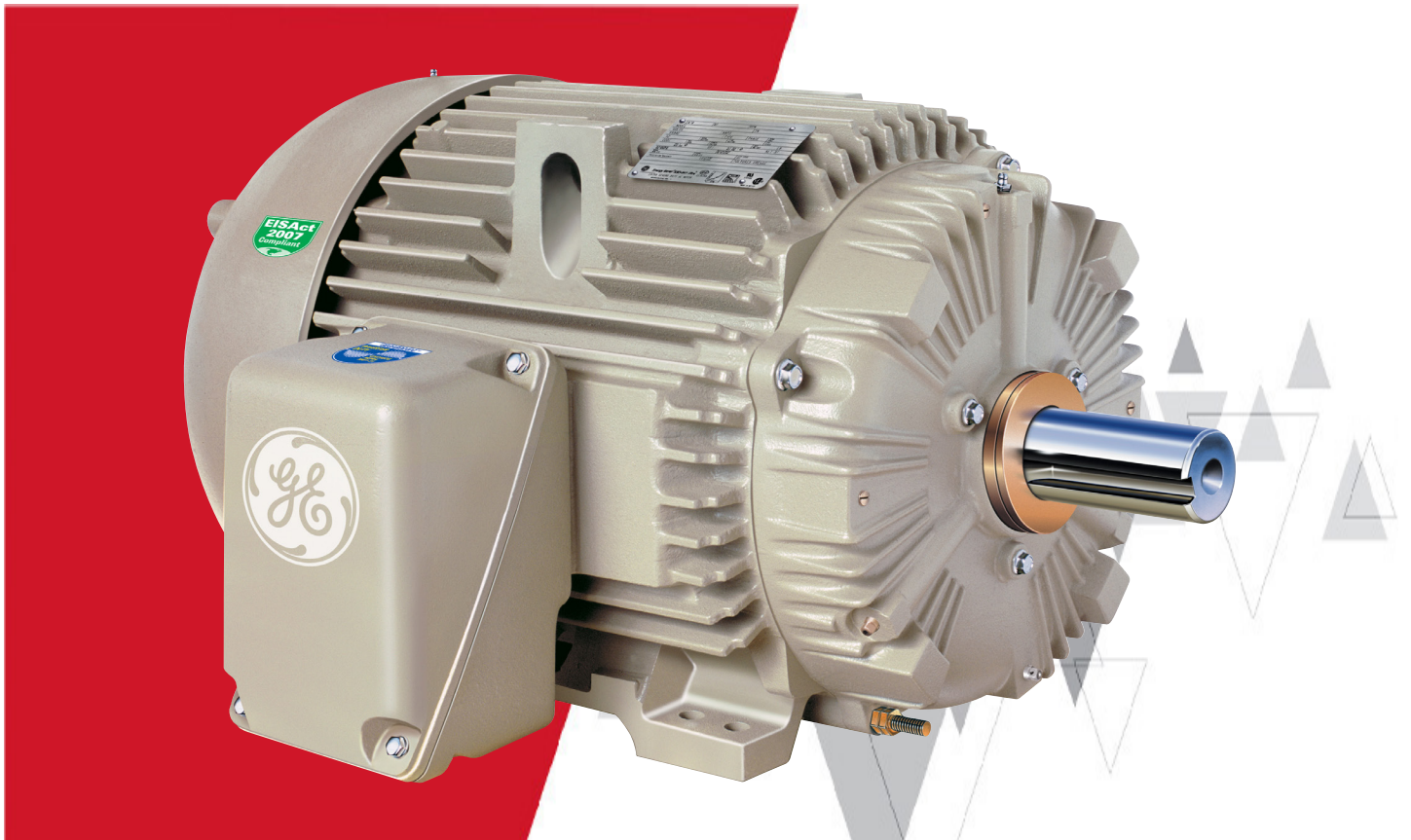
# XSD Ultra<sup>®</sup> 841

## Extra Severe Duty Motors

LV Induction Motor

Extra Severe Duty NEMA Premium Efficient

0.75-300 HP 460, 575V



+1 (888) 525-2915  
[www.gemotorswolong.com](http://www.gemotorswolong.com)

# All premium efficient motors are not built the same.

## Reliability is built in.

Purchasing dependable electric motors is an investment in the reliability of your operations. And system reliability means serious money to your line.

We've engineered motors to address all of the top factors that can shorten motor life:

### Bearings

Heat  
Stress, Load,  
Fatigue  
Vibration  
Misalignment  
Contamination  
Lubrication  
Electrical discharge

### Windings

Heat  
Inverters  
Voltage problems  
Load  
Contamination

## Key Features

Each motor comes with its own test report demonstrating performance compliant with the IEEE 841-2009 specification.

### Five year warranty (60/66 months) is standard.

This comprehensive warranty program covers both mechanical and NEMA Premium efficiency performance.

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

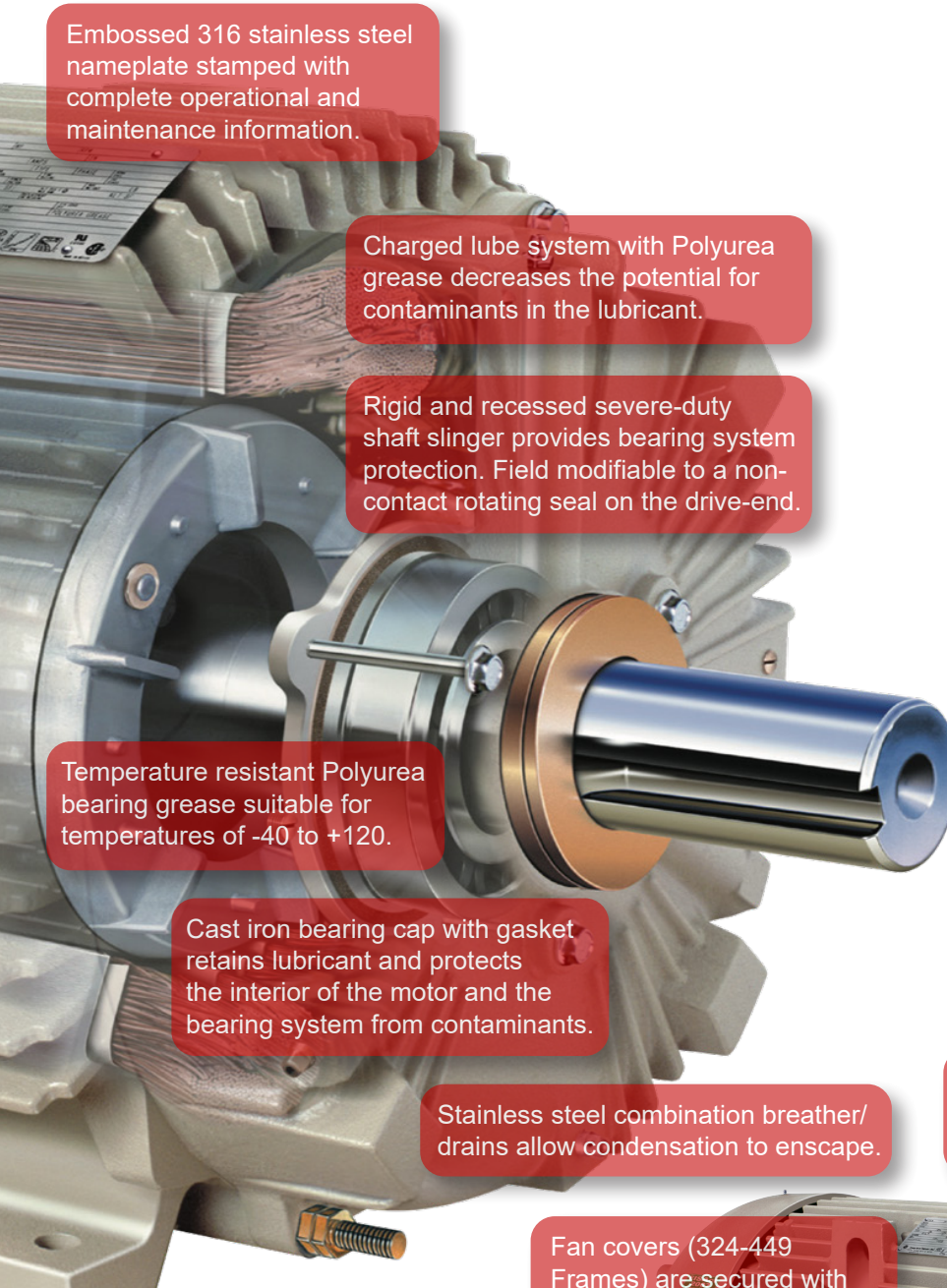
Built for a long 130,000 hour L10 direct connected and 26,280 hour L10 belted bearing life without life adjusting factors.

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 XSD Ultra motor.

Stock XSD Ultra motors can be UL listed, CSA listed, or GE 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.

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

Versatile dual mounting holes.

Rugged cast iron frame, conduit box and fan cover.

Oversized gasketed conduit box helps to keep moisture out.

## GEGARD™ Insulation offers added protection

Our Class H GEGARD insulation system is designed to excel in variable frequency drive applications where lesser designs often short circuit and cause over current trips.

### Rotational Varnish Application

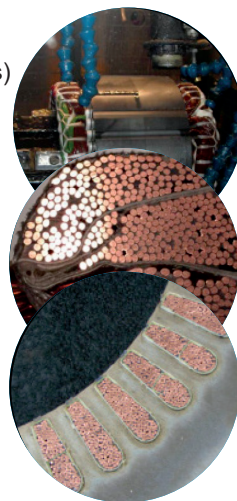
Even resin coverage.  
Less gaps (helps prevent corona inception damages)

### 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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