



GE INDUSTRIAL MOTORS
a WOLONG company

XSD Ultra[®]

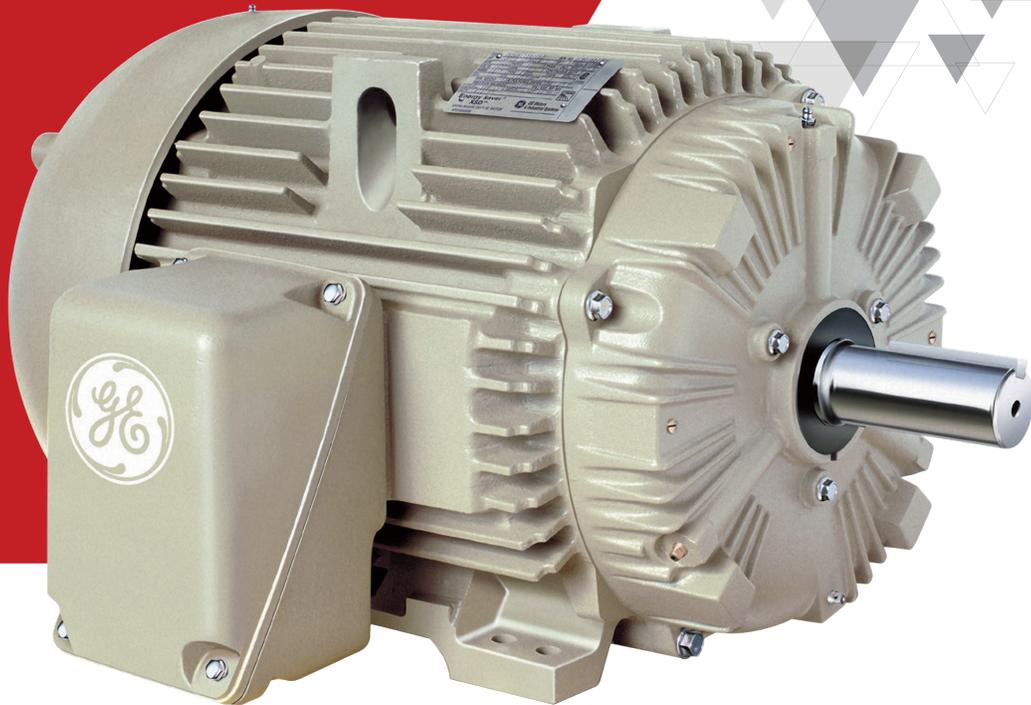
Extra Severe Duty Motors

LV Induction Motor

Extra Severe Duty NEMA Premium Efficient

0.75-300 HP

230/460, 460, 575V



+1 (888) 525-2915

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 operation; and system reliability means serious savings to your bottom 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

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 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.



Four point cast-in lifting lugs for easy and safe mounting.

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

Centered stator core/frame design enables the conversion to F2 mounting.

Permanently labeled, non-wicking Class H leads make connections and installation easy.

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

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

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.

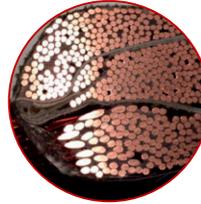
Rugged cast iron frame, conduit box and fan cover.

Oversized gasketed conduit box helps to keep moisture out.



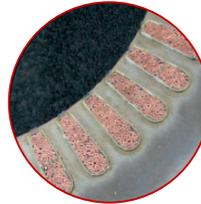
GEGARD™ Insulation offers added protection

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



Rotational Varnish Application

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



Strong Bond

Wire bonding guards against end-turn vibration.

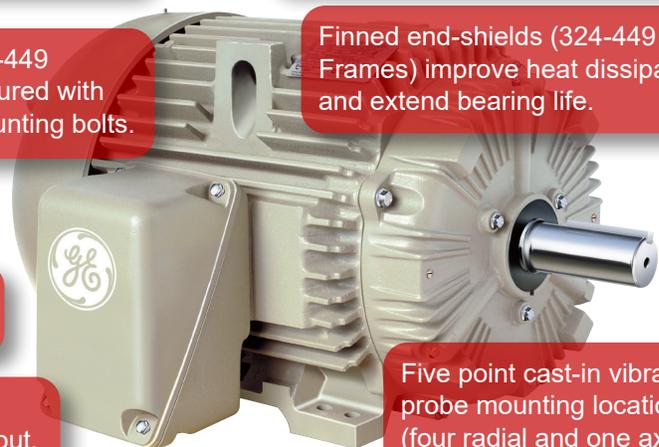
High Protection

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).

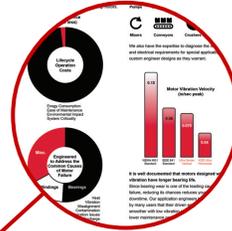


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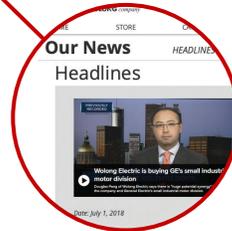
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