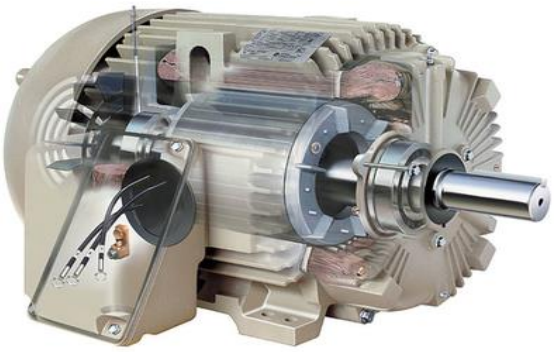
X$DUltra



FEATURES	X$D ULTRA
Frame Size	143-449
HP Range	1-350
Poles	2,4,6 & 8
Voltages	230/460(230 max.100HP),460,575
Efficiency	NEMA Premium IP55
Insulation	Class H
Bearings	Single Shielded ball or open roller
Vibration	.04ips

NEMA Premium

EISAct 2007 Compliant

IEEE

LISTO PARA VFD AISLAMIENTO GEGARD 2400™

GEGARD2000 Insulation System

Integral to motor life and reliability is a robust insulation system. The GEGARD system utilized in X$D Ultra™ products gives a wide thermal margin between the insulation components and designed operation temperatures. All components except motor leads have been selected using Class H materials, while the motor temperature is kept below Class B temperature rise.

Six Star Bearing System ™

A key component in motor operation and longevity is the bearing system. The GE Six Star Bearing System has been designed to significantly reduce the potential for bearing failure. Vibration has been reduced to an industry leading 0.04 ips, reducing a leading cause of bearing failure. Regreasing consideration has been made easy with extended greasing provisions, which provides motor users the improved ability to regrease these motors when they are installed in the application.

Proven Reliability

A five year warranty comes standard with every IEEE 841 X$D Ultra motor (60 months operational/66 months maximum from shipment). Rugged cast iron frame, conduit box, endshields & fan cover provide added protection not found in most motors in the market place.

General Electric ULTRA X$D Extra Severe Duty NEMA Premium

150HP - Double End Shaft

Item #: ITM507901

Output = 150	Phase = NEMA	NEMA Design = NA	Product Name = ULTRA X$D Extra Severe Duty NEMA Premium
Synch RPM = 1800	Frequency = 60	DE E/S & Mtg Standard E/S & Foot Mounted	GE Type = Premium Efficiency - NEMA Design B, KS
Voltage = 460	Shaft Orientation = Horiz. Shaft	C-face Dia. = NA	Ambient Temp. = 40
Enclosure = TEFC	Hazardous Loc. = Non-Hazardous	Frame Material =	Insulation Class = H
IP & IC Code = IP55, IC411	Class and Group = NA	Estimated Frame = 445	Service Factor = 1.15
Load Type =	Var. Freq. Speed Range = NA	DE Shaft Extension = **DOUBLE END**	Load Connection = Direct
Est. Weight =2050LB			

Every General Electric motor is tested for the parameters listed below. The routine test consists of:

a. Measurement of winding resistance.
b. Measurement of no-load current and speed at rated voltage
c. Measurement of locked rotor current at reduced voltage, single phase
d. Measurement of no-load radial and axial vibration at rated voltage with the motor mounted on elastic pads.
e. High-potential test per NEMA MG1, Part 3.

Note: On motors rated at other than 60 Hz, measurements may be taken at 60 Hz.