

MODEL NUMBER	IXHHI125-18-444TBB		
HORSEPOWER	125		
RPM / POLES	1800 / 4		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	444T		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP54		
FREQUENCY	60 HZ		
FULL LOAD SPEED	1785 RPM		
SERVICE FACTOR	1.15		
INSULATION CLASS	F Class N Varnish		
FULL LOAD AMPS; 230 / 460	284.1 / 142.0 A Usable On 208 V At 314 A		
LOCKED ROTOR CURRENT (% Full Load)	700 / 700 %		
NEMA CODE LETTER	G		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100 %	95.4 %	88.0 %
	75 %	95.5 %	86.2 %
	50 %	94.6 %	80.6 %
DUTY CYCLE	S1 / Continuous		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	375.0 lb.ft.	140 %	220 %
NEMA DESIGN	B		
MOMENT OF INERTIA	<u>LOAD (Max.)</u>	<u>MOTOR</u>	
	1,507.479 lb.ft. ²	52.510 lb.ft. ²	
SOUND PRESSURE LEVEL (No Load 1 M From Motor)	85 dB(A)		
MAX. SHAFT VIBRATION	0.08 In/Sec – Peak Velocity		
NUMBER OF STARTS (Hot / Cold)	2 Hot / 3 Cold		
MAX. ELEVATION	3300 Ft. Above Sea Level		
TEMPERATURE RISE (At Full Load)	80° C		
DRIVE-END BEARING	6318C3		
OPPOSITE DRIVE-END BEARING	6314C3		
GREASE TYPE	Mobil Polyrex EM		
MOUNTING	F1, W6, W8, B3, V5, V6		
ROTATION	Bi-Directional		
APPROXIMATE WEIGHT	2,116 lbs.		
AREA CLASSIFICATION	Class I, Division 1, Groups C and D		
TEMPERATURE CODE WITH THERMOSTAT USE	T4		
TEMPERATURE CODE AT 40°C AMBIENT	T2C		
TEMPERATURE CODE AT 55°C AMBIENT	T2B		
THERMOSTAT TYPE	Normally Closed		
INVERTER RATING	4:1 CT (Constant) / 10:1 CT (Intermittent-1 Hour) / 10:1 VT		
INSULATION TYPE	Hyundai Inverter Shield, Meets NEMA MG1 Part 31		
UL CERTIFICATION NUMBER	E216236		



