

MODEL NUMBER	XHHI5-18-184T		
HORSEPOWER	5		
RPM / POLES	1800 / 4		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	184T		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP54		
FREQUENCY	60 HZ		
FULL LOAD SPEED	1760 RPM		
SERVICE FACTOR	1.15		
INSULATION CLASS	F Class N Varnish		
FULL LOAD AMPS 230/460 VOLTS	13.0 / 6.5 A		
LOCKED ROTOR CURRENT (% Full Load)	760 / 760 %		
NEMA CODE LETTER	J		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100 %	89.5 %	80.0 %
	75 %	89.7 %	76.0 %
	50 %	88.2 %	67.0 %
DUTY CYCLE	S1 / Continuous		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	14.8 lb.ft.	210 %	260 %
NEMA DESIGN	B		
MOMENT OF INERTIA	<u>LOAD (Max.)</u>	<u>MOTOR</u>	
	77.124 lb.ft. <sup>2</sup>	0.309 lb.ft. <sup>2</sup>	
SOUND PRESSURE LEVEL ( No Load 1 M From Motor)	64 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	6206ZZC3		
OPPOSITE DRIVE-END BEARING	6206ZZC3		
GREASE TYPE	Mobil Polyrex EM		
MOUNTING	F1, W6, W8, B3, V5, V6		
ROTATION	Bi-Directional		
APPROXIMATE WEIGHT	121 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		
UL CERTIFICATION NUMBER	E216236		



CC 038A





# TEFC

**THREE PHASE INDUCTION MOTOR**

**TYPE**

XKP,XIP

CAST IRON FRAME

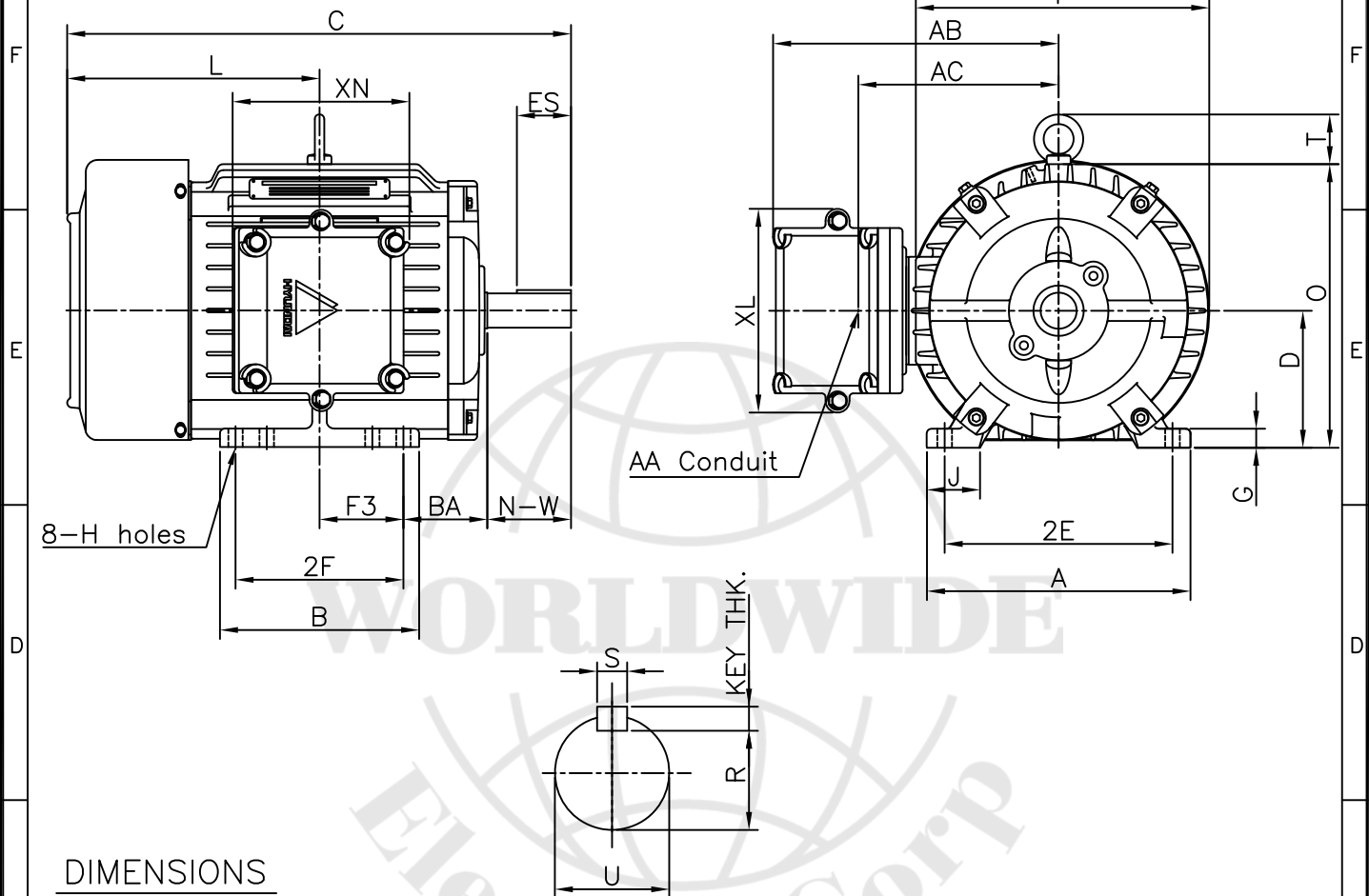
FRAME SIZE

OUTPUT(HP)

POLES

Hz

TIME RATING



DIMENSIONS

**MOUNTING**

**CONDUIT BOX**

APPROX. WGT.(lb)

A	B	2E	2F	-	F3	G	J	H	AA	AB	AC	XB	XL	XN	APPROX. WGT.(lb)
8.66	6.54	7.50	5.50	-	2.75	0.62	1.74	0.41	0.75	9.38	6.58	-	6.69	5.98	121

**OVERALL**

**SHAFT**

KEY THK.

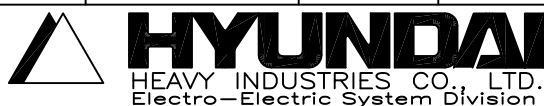
**BEARING**

BA	C	D	L	O	P	T	U	N-W	KEYWAY			KEY THK.	DRIVE END	OPP. DRIVE END
									R	ES	S			
2.75	16.55	4.50	8.29	9.32	9.64	1.63	1.125	2.75	0.986	1.78	0.250	0.250	6206ZZC3	6206ZZC3

**NOTE**

- 1.Dimension "D" tolerance : +0.00inch - 0.03inch
- 2.Dimension "U" tolerance : +0.000inch - 0.0005inch
- 3.Dimension "R" tolerance : +0.000inch - 0.015inch

APPD BY	J.H.KIM	UNIT	INCH	SUBJECT	NEMA 184T	CAD PROJ \ FILE
CHKD BY	N.D.LEE	SCALE	1/8			LM-U1184B3TL001
CHKD BY	K.S.LEE	PROJEC'N	3rd Angle	TITLE <b>OUTLINE</b>		
DSND BY	S.W.SEO	DATE	2012.02.11			



REF. NO	LM-U1184B3TL001	Sheet No.	of
DWG NO	LM-U1184B3TL001	Revision No.	0