

MODEL NUMBER	HHI5-18-184TCRD		
HORSEPOWER	5		
RPM / POLES	1800 / 4		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	184TC – Round Body		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55		
FREQUENCY	60 HZ		
FULL LOAD SPEED	1760 RPM		
SERVICE FACTOR	1.15 SF at 40° C / 1.0 SF at 65° C		
INSULATION CLASS	F Class N Varnish		
FULL LOAD AMPS; 230 / 460	13.0 / 6.5 A Usable On 208 V At 14.4 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)	63 dB(A)		
NUMBER OF STARTS (Hot / Cold)	2 Hot / 3 Cold		
MAX. AMBIENT TEMPERATURE	40° C at 1.15 SF / 65° C at 1.0 SF		
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 (F2 Suitable), W6, W8, B3, V5, V6		
ROTATION	Bi-Directional		
APPROXIMATE WEIGHT	105 lbs.		
AREA CLASSIFICATION	Class I, Division 2, Groups A, B, C, D		
INVERTER RATING	10:1 CT / 20:1 VT		
SPECIFICATION - In Accordance With	NEMA, CSA		



CC 038A





# TEFC

**THREE PHASE INDUCTION MOTOR**

**TYPE**

LP,JP

CAST IRON FRAME

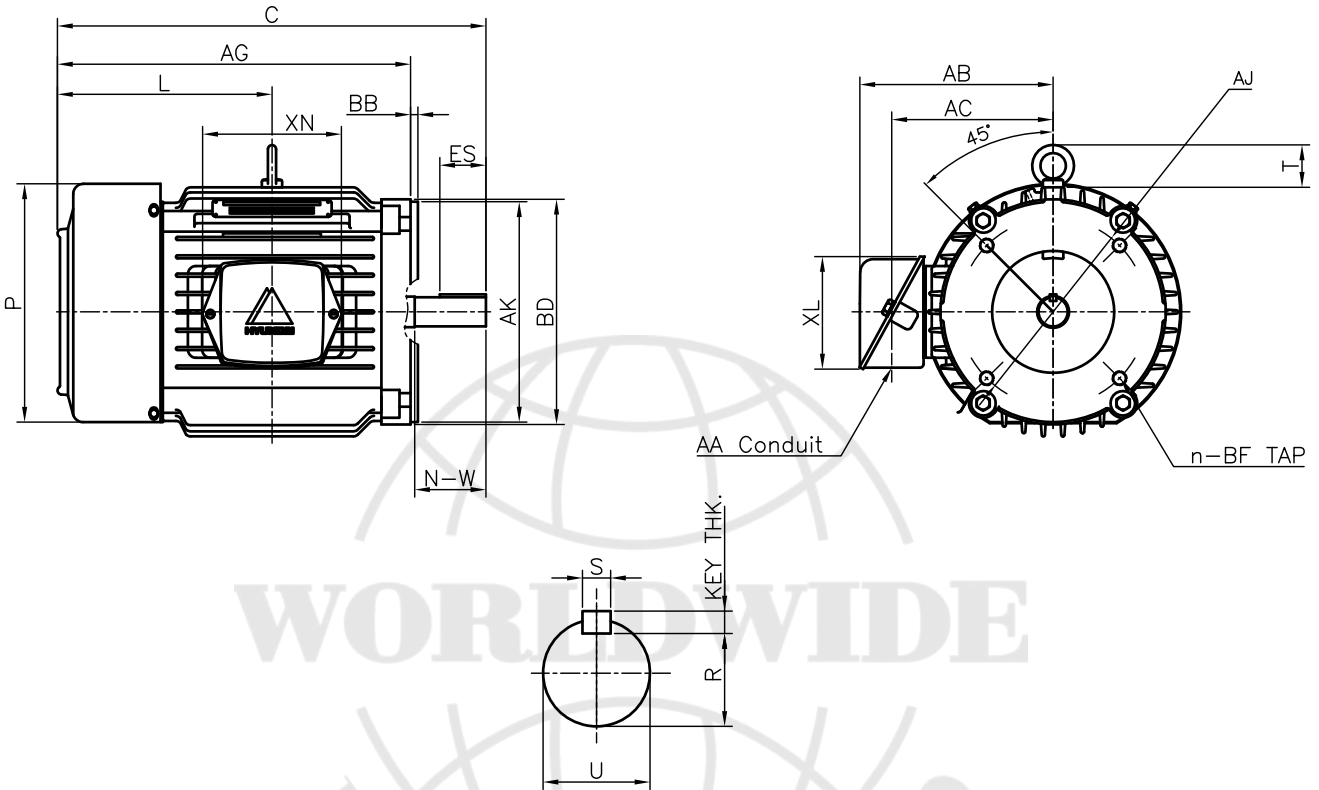
FRAME SIZE

OUTPUT(HP)

POLES

Hz

TIME RATING



DIMENSIONS

FLANGE						CONDUIT BOX					APPROX. WGT.(LB)
AJ	AK	BD	BB	BF	n	AA	AB	AC	XL	XN	
7.250	8.50	8.70	0.25	1/2-13	4	0.75	7.47	6.23	4.35	5.35	105

O V E R A L L					S H A F T					KEY THK.	BEARING	
AG	C	L	P	T	U	N-W	KEYWAY				DRIVE END	OPP. DRIVE END
							R	ES	S			
13.64	16.55	8.29	9.21	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 184TCH	CAD PROJ \ FILE	
CHKD BY	N.D.LEE	SCALE	1/8			SCALE-NEMA\A1504AA	
CHKD BY	K.S.LEE	PROJEC'N	3rd Angle	TITLE <b>OUTLINE</b>			
DSND BY	S.W.SEO	DATE	2010.12.20				
				REF. NO	350A1504AA	Sheet No. of	
				DWG NO	<b>350A1504AA</b>	Revision No. 0	