

MODEL NUMBER	HHI200-12-449TC		
HORSEPOWER	200		
RPM / POLES	1200 / 6		
VOLTAGE / PHASE	460 V / 3		
FRAME	449TC		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55		
FREQUENCY	60 HZ		
FULL LOAD SPEED	1185 RPM		
SERVICE FACTOR	1.15 SF at 40° C / 1.0 SF at 65° C		
INSULATION CLASS	F Class N Varnish		
FULL LOAD AMPS; 460	231.2 A		
LOCKED ROTOR CURRENT (% Full Load)	680 %		
NEMA CODE LETTER	G		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100 %	95.8 %	85.0 %
	75 %	96.0 %	81.4 %
	50 %	95.7 %	72.6 %
DUTY CYCLE	S1 / Continuous		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	891.8 lb.ft.	140 %	220 %
NEMA DESIGN	B		
MOMENT OF INERTIA	<u>LOAD (Max.)</u>	<u>MOTOR</u>	
	5321.561 lb.ft. <sup>2</sup>	153.550 lb.ft. <sup>2</sup>	
SOUND PRESSURE LEVEL ( No Load 1 M From Motor)	78 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	6318C3		
OPPOSITE DRIVE-END BEARING	6316C3		
GREASE TYPE	Mobil Polyrex EM		
MOUNTING	F1 (F2 Suitable), W6, W8, B3, V5, V6		
ROTATION	Bi-Directional		
APPROXIMATE WEIGHT	2430 lbs.		
AREA CLASSIFICATION	Class I, Division 2, Groups A, B, C, D		
INVERTER RATING	10:1 CT / 20:1 VT - Meets NEMA MG1 Part 31		
SPECIFICATION - In Accordance With	NEMA, CSA		



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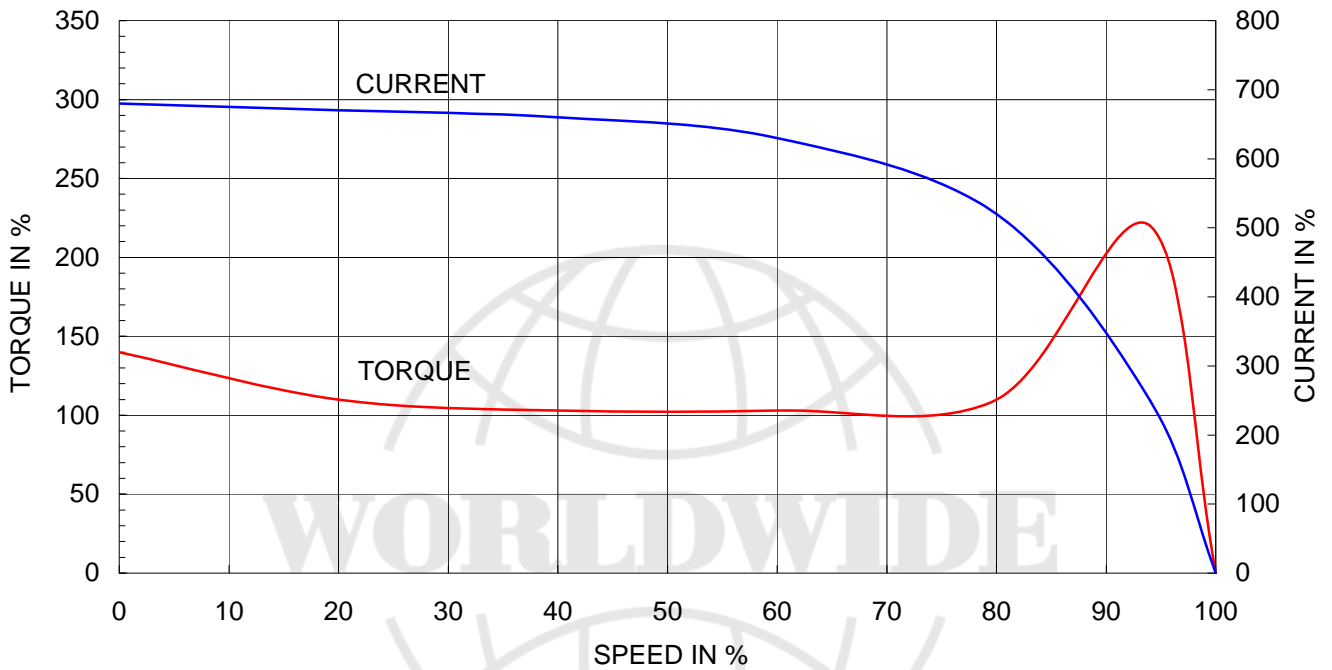




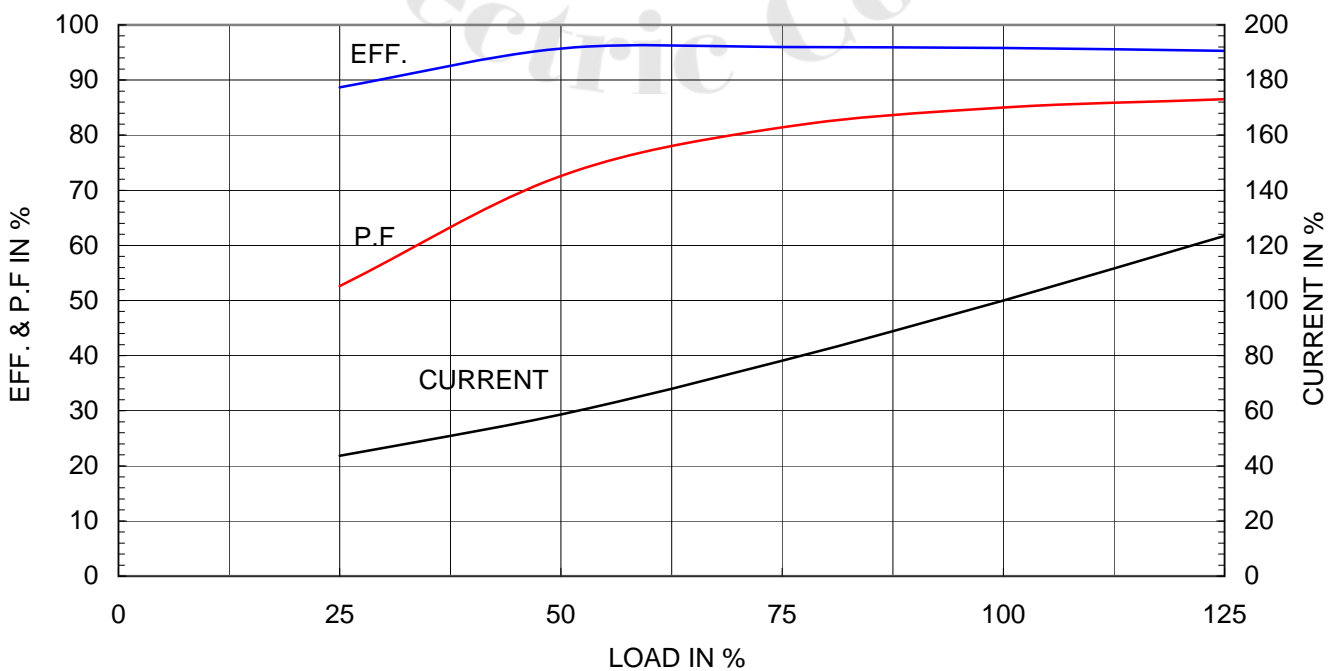
Type	: PLP
Full Load Torque	: 891.8 lb.ft
Motor moment of Inertia (J)	: 153.550 lb.ft <sup>2</sup>
Load moment of Inertia (J)	: 5321.561 lb.ft <sup>2</sup>

150 kW	200 HP	60 Hz
6 P	Rated Speed	: 1185 RPM
Rated Voltage	575V	460V
Full Load Current	185.0A	231.2A

SPEED VS TORQUE & CURRENT CURVE



OUTPUT VS EFF., P.F & CURRENT CURVE





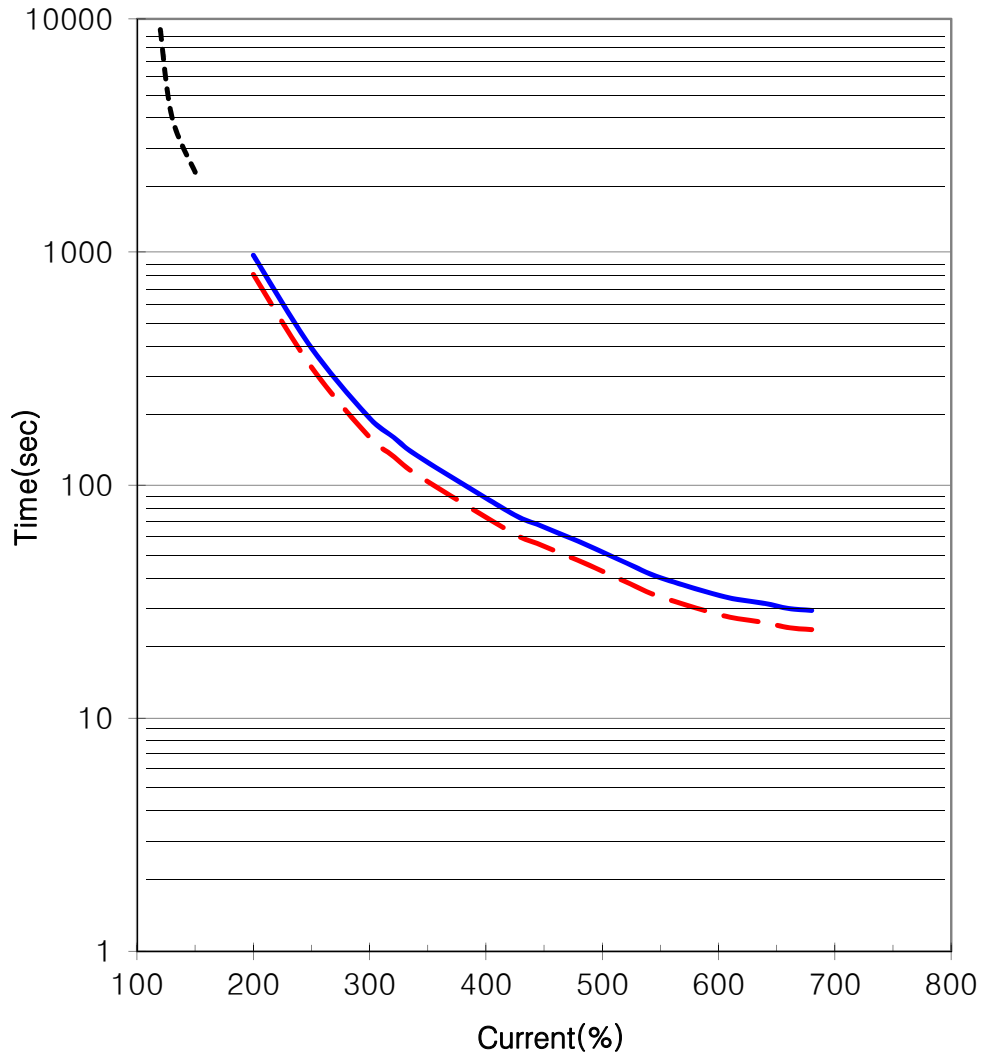
THERMAL LIMIT & TIME CURRENT CURVE

CURVE NO.

T-PLP200-12-449TC

Type :	PLP200-12-449T	
FULL LOAD TORQUE :	891.8	lb.ft
J OF LOAD :	-	lb.ft <sup>2</sup>
J OF MOTOR :	153.5	lb.ft <sup>2</sup>

200	HP	6	P	60	Hz
RATED SPEED :			1185 rpm		
VOLTAGE		460 V	575 V		
RATED CURRENT		231.2A	185.0A		



— THERMAL LIMIT CURVE AT COLD CONDITION  
- - THERMAL LIMIT CURVE AT HOT CONDITION

STARTING TIME	SAFE STALL TIME
- at rated voltage starting	24 sec. at Hot condition
- at 80% of rated voltage starting	29 sec. at Cold condition

