

PRODUCT INFORMATION PACKET



Model No: P6K34FB31B

Catalog No: 116705.00

3HP..3450RPM.56H.TEFC./230V.1PH.60HZ.CONT.MANUAL.40C.1SF.RIGID.PRESSURE
WASHER.P6K34FB31B

Totally Enclosed Fan Cooled (TEFC)



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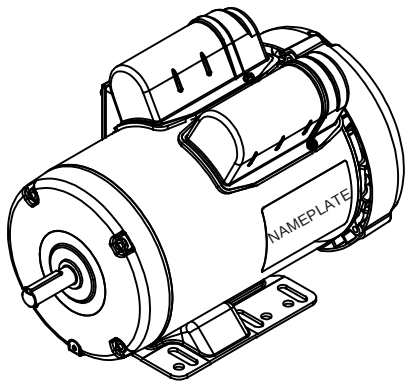
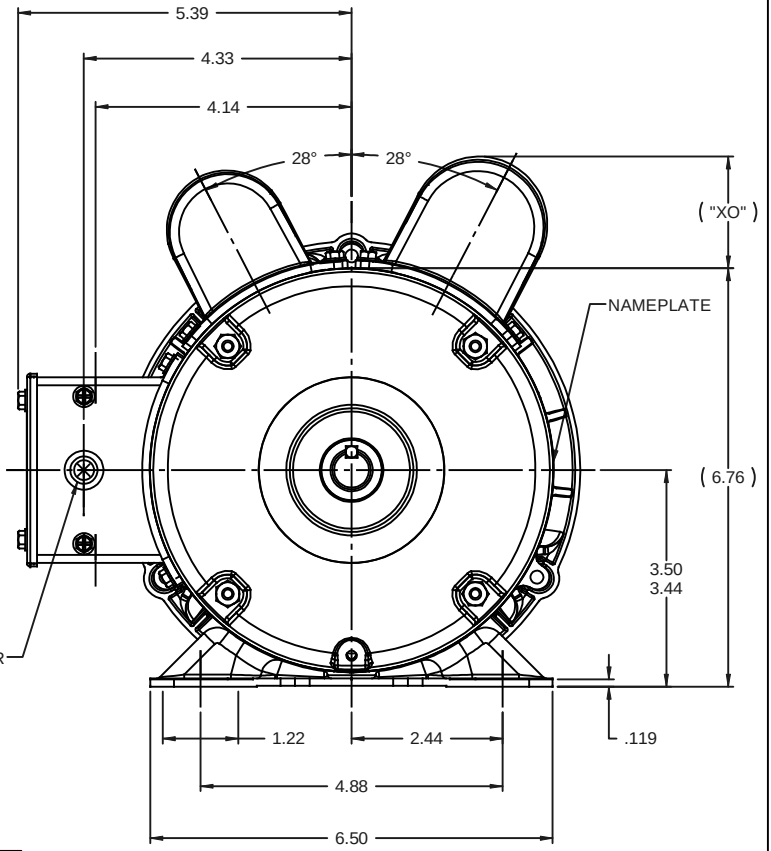
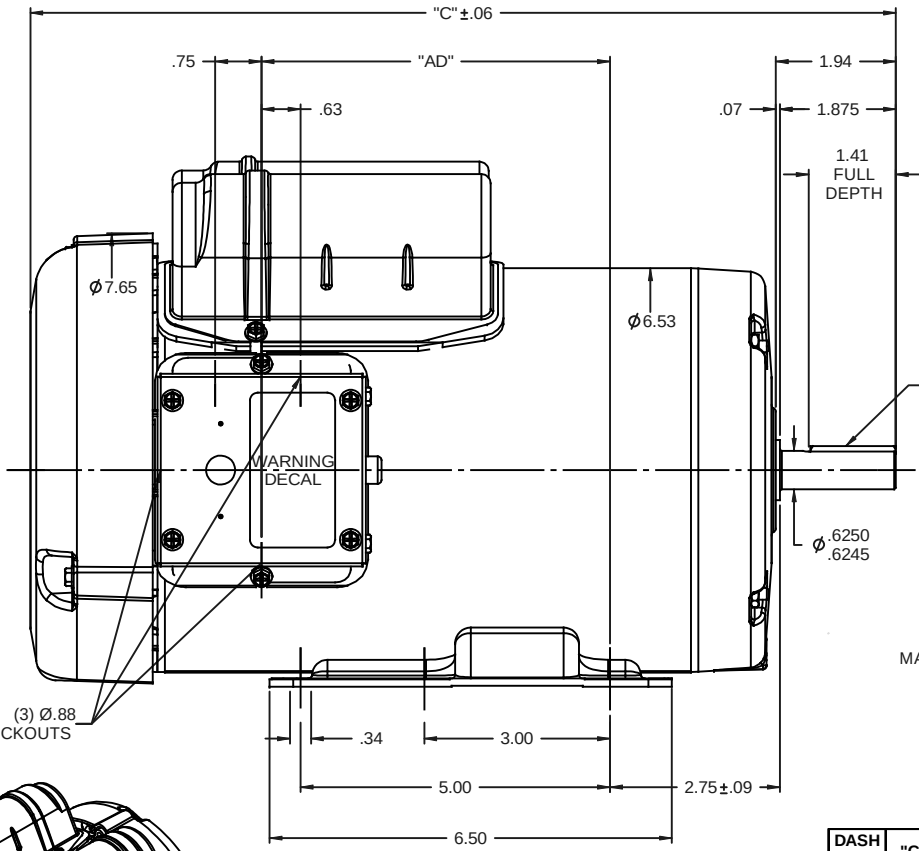


Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	230 V
Current	13.0 A	Speed	3450 rpm
Service Factor	1	Phase	1
Efficiency	81.5 %	Duty	Continuous
Insulation Class	F	Design Code	L
KVA Code	J	Frame	56H
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	Manual
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	43		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	13.99 in	Frame Length	8.50 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028908-850C	Connection Diagram	005056.03

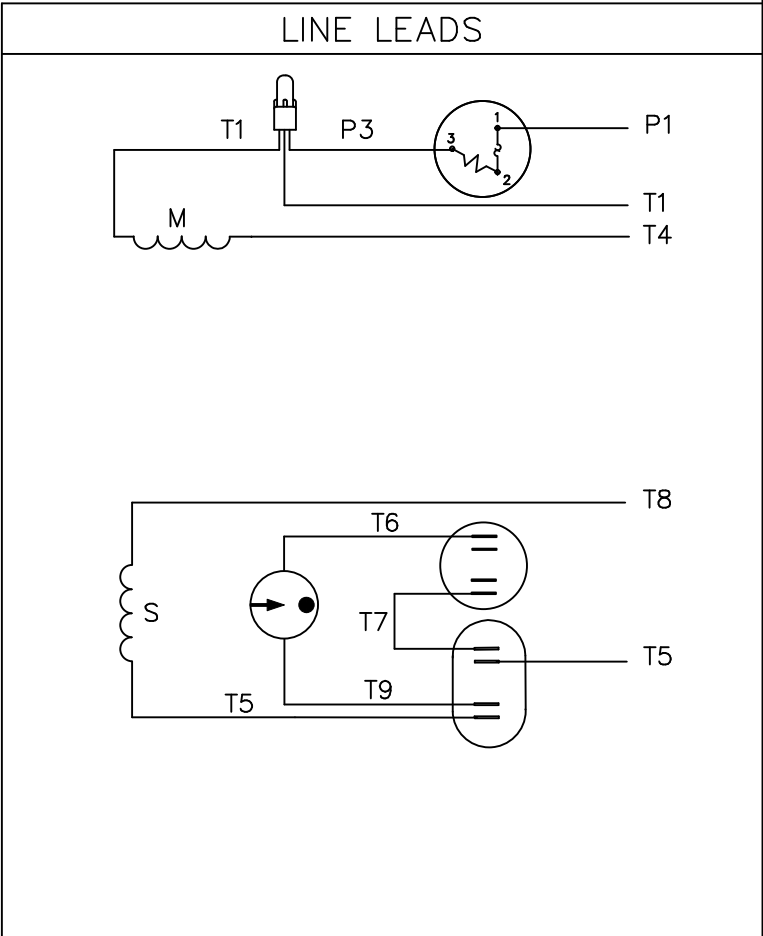
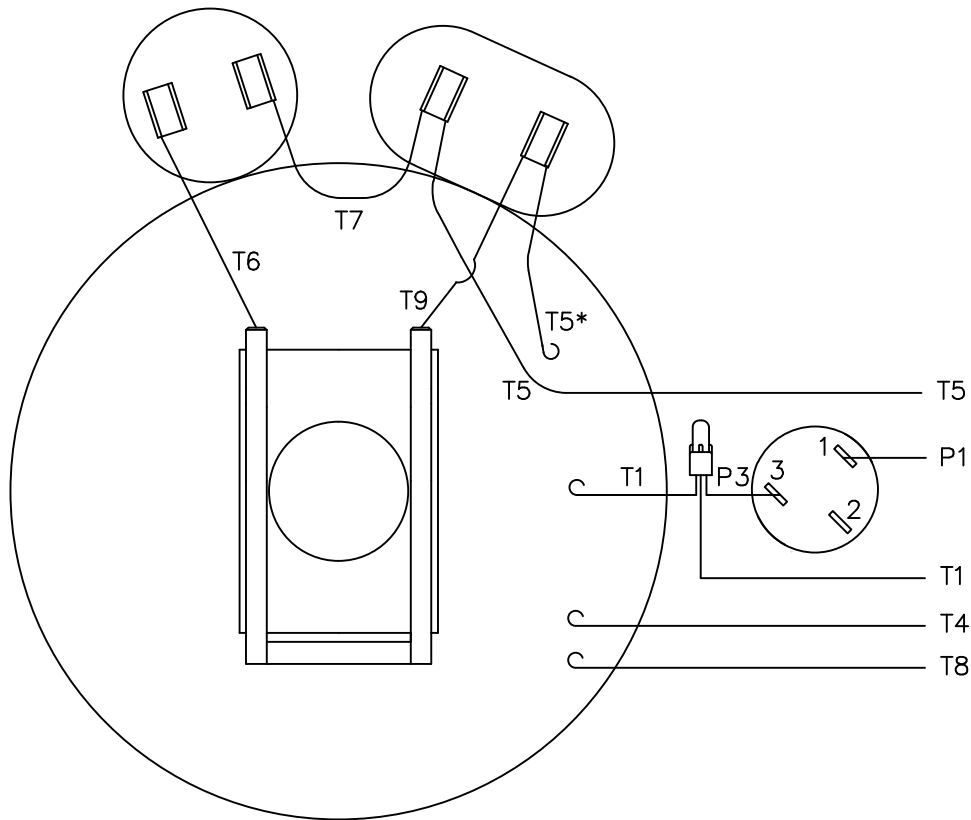


DASH NO.	"C"	"AD"	CAP DASH	"XO"
700	12.49	4.13	A	1.15
750	12.99	4.63	B	1.60
800	13.49	5.13	C	1.82
850	13.99	5.63		

NOTES:
1) GASKETS THROUGHOUT.

		TOLERANCES UNLESS SPECIFIED:			ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN GRB 12/01/08
		DEC INCHES	CHK DJ 12/01/08			
		X ±.1	APPR DJ 12/01/08			
		XX ±.03	SCALE 1:2			
		XXX ±.005	TITLE OUTLINE - 56H FRAME	REF 028706		
		XXXX ±.0005	TEFC - RIGID	FMF 116705.00		
			MATL COMPRESSOR DUTY			
NO	REVISION	BY & DATE	CHK ANG ±1/2°	FINISH		PAGE 1 OF 1
THIRD ANGLE PROJECTION			RFP 12/01/08	PREV	SIZE B	DRAWING NO 028908
			NETWORK FILE NAME			REV

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



ROTATION FACING LEAD END	L1	L2	JOIN
C.C.W.	P1	T4,T5	T1,T8
C.W.	P1	T4,T8	T1,T5

* THIS LEAD MAY BE WHITE

				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN WLW 08/30/76	
				DEC.	INCHES				CHK WRK 09/24/76	
				.X	±.1				APPD	
08	ALTERNATE T5 LEAD MARKING WAS RED	RLW 8/6/02		.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM TYPE "K" W/ PROTECTOR		SCALE 1=1		
07	ADDED ALTERNATE T5 LEAD MARKING	RLW 5/31/02	KH	.XXX	±.005			REF		
06	REDRAWN TO CAD	DBT 5/31/02		.XXXX	±.0005	MAT'L. DECAL – 004015		FMF 6K17FB4		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH		PREV		
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT – DO NOT SCALE THIS PRINT			RFP		CAD FILE 00505603		SIZE A	DRAWING NO. 005056–03		REV. 08
			DIST BRF–NLV							

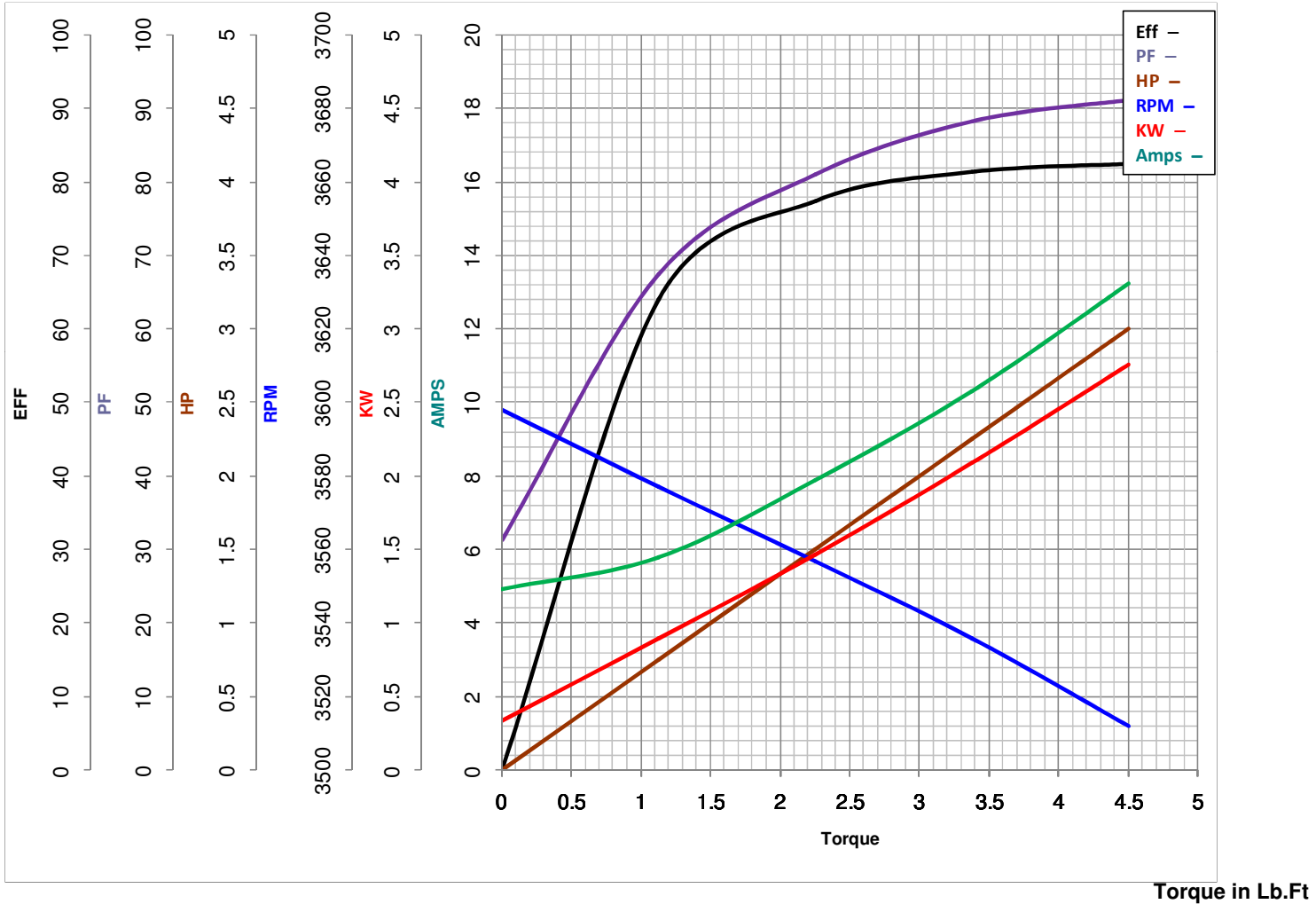


LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 116705.00Catalog No 116705.00

Curve at

230
60
3Volts
HZ
HPHP 3.00VOLTS 230HZ 60PHASE 1RPM 3450

FL TORQUE 4.5 Lb.Ft
 BD TORQUE 13.5 Lb.Ft
 LR TORQUE 12.5 Lb.Ft

FL AMPS 13
 PU TORQUE 12.0 Lb.Ft
 LR AMPS 100

WINDING K632129-2

Date 4/12/2018