

PRODUCT INFORMATION PACKET



Model No: C182C17FB11C

Catalog No: 131509.00

2HP..1740RPM.182.TEFC.115/208-230V.1PH.60HZ.CONT.NOT.40C.1.0SF.RIGID.GENERAL
PURPOSE.C182C17FB11C

Totally Enclosed Fan Cooled (TEFC)



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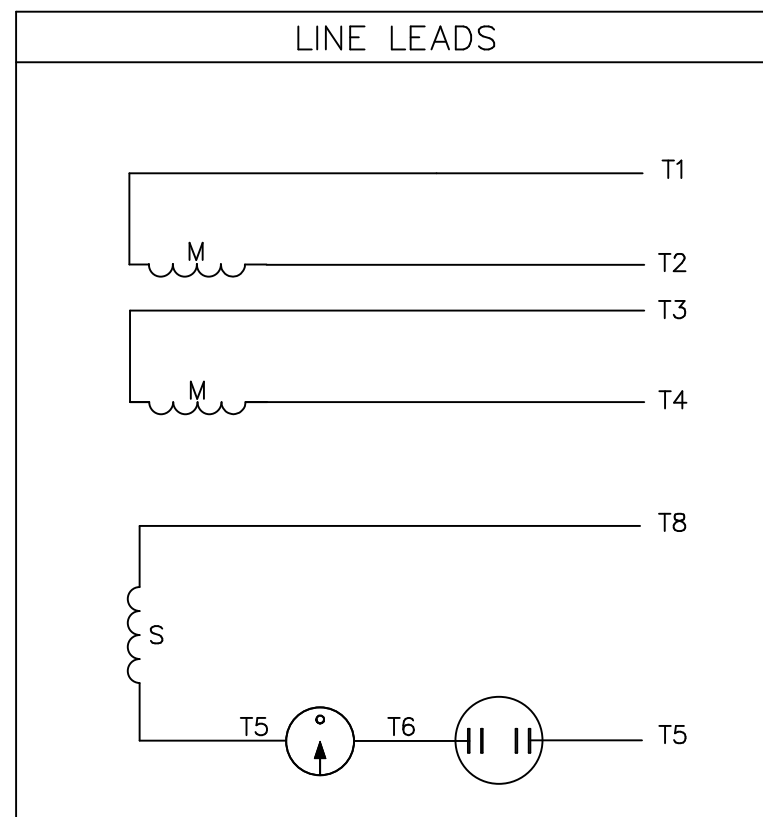
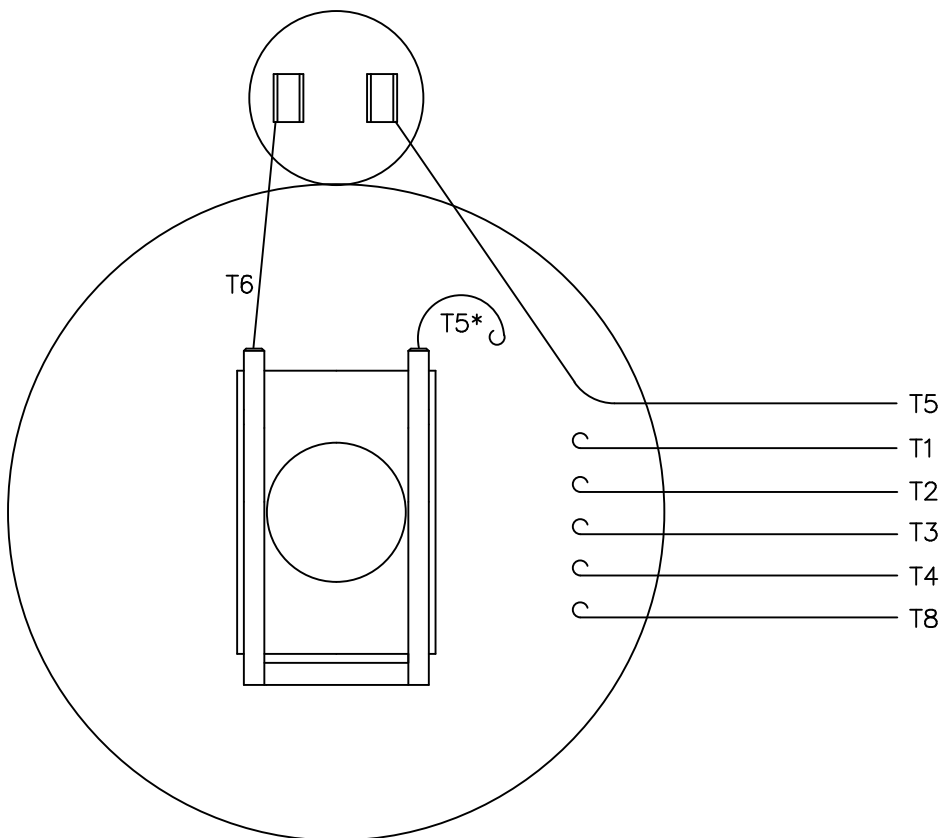
Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	24.8/13.0-12.4 A	Speed	1740 rpm
Service Factor	1	Phase	1
Efficiency	72 %	Duty	Continuous
Insulation Class	F	Design Code	L
KVA Code	K	Frame	182T
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6206
Opp Drive End Bearing Size	6205	UL	Recognized
CSA	Y	CE	N
IP Code	43		

Technical Specifications


Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	14.46 in	Frame Length	9.00 in
Shaft Diameter	1.125 in	Shaft Extension	2.75 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	035347-900	Connection Diagram	005062.01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



	ROTATION FACING LEAD END	L1	L2	JOIN
HIGH VOLT	C.C.W.	T1	T4 T5	T2, T3 T8
	C.W.	T1	T4 T8	T2, T3 T5
LOW VOLT	C.C.W.	T1, T3 T8	T2, T4 T5	---
	C.W.	T1, T3 T5	T2, T4 T8	---

* THIS LEAD MAY BE WHITE

		TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN JRW 12/05/74			
		DEC.	INCHES			CHK			
			.X	±.1		APPD T.E.M.			
12	ALTERNATE T5 LEAD MARKING WAS RED	RLW 8/6/02	.XX	±.01	TITLE	SCALE 1=1			
11	ADDED ALTERNATE T5 LEAD MARKING	RLW 5/31/02	KH .XXX	±.005		EXT. WIRING DIAGRAM TYPE "C" W/O PROTECTOR			
10	UPDATED TO CURRENT STANDARDS	DBT 06/09/97	.XXXX	±.0005	MAT'L.	DECAL - 004012			
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	00506201	SIZE	DRAWING NO.	REV.
				DIST NLV			A	005062-01	12



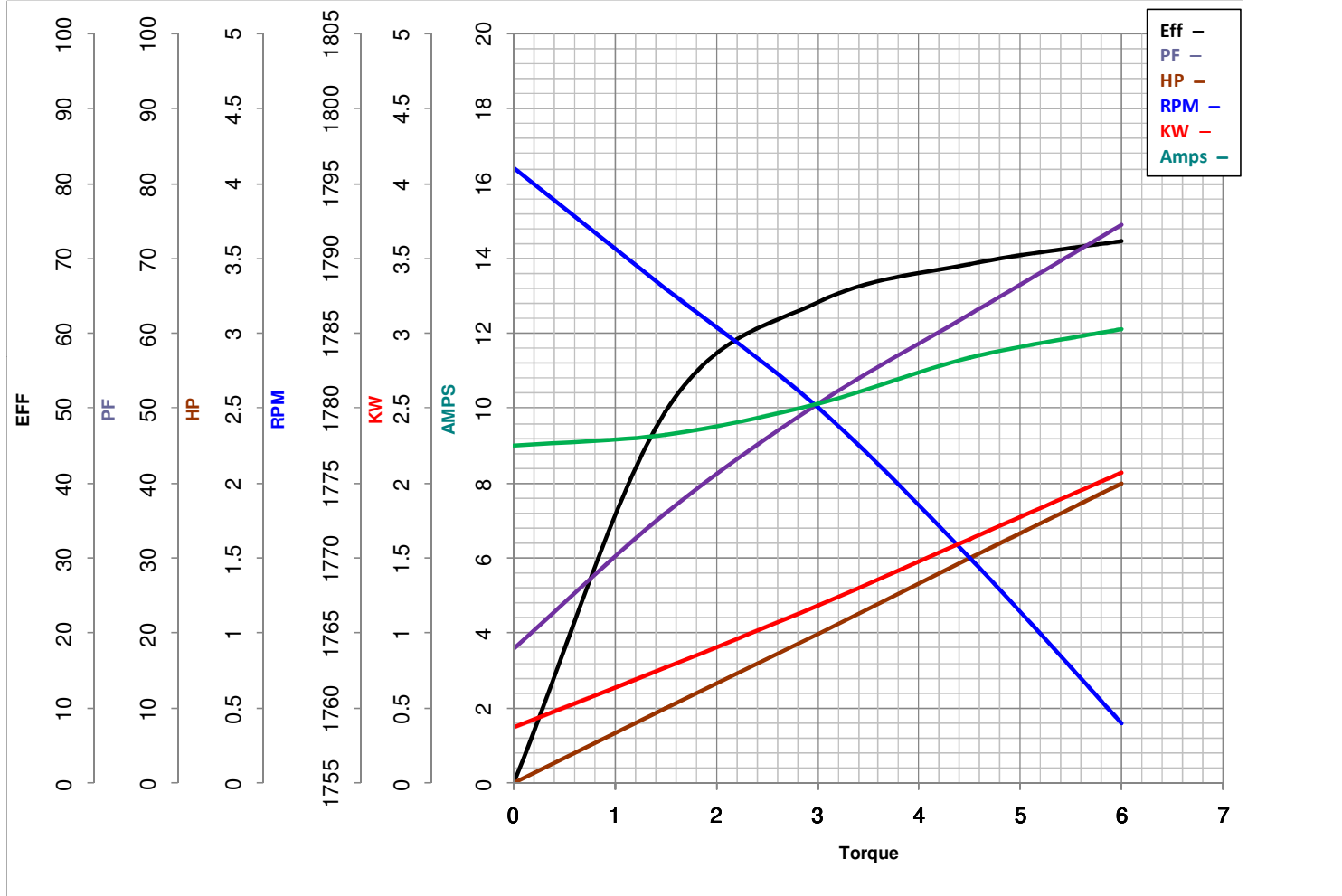
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 131509.00

Catalog No 131509.00

Curve at 230 Volts HP 2.00 PHASE 1
60 HZ
2 HP VOLTS 115/208-230

HZ 60 RPM 1740



Torque in Lb.Ft

FL TORQUE 6 Lb.Ft
 BD TORQUE 16.1 Lb.Ft
 LR TORQUE 20.6 Lb.Ft

FL AMPS 24.8/13-12.4
 PU TORQUE 15.0 Lb.Ft
 LR AMPS 78

WINDING C842-3

Date 3/27/2018