

PRODUCT INFORMATION PACKET



Model No: 131535.00

Catalog No: 131535.00

General Purpose Motor, 2 HP, 1 Ph, 60 Hz, 115/208-230 V, 1800 RPM, 182T Frame, DP



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Nameplate Specifications

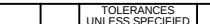
Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	24.5/13.0-12.4 A	Speed	1740 rpm
Service Factor	1.15	Phase	1
Efficiency	72 %	Power Factor	74
Duty	Continuous	Insulation Class	F
Design Code	L	KVA Code	K
Frame	182T	Enclosure	Drip Proof
Thermal Protection	Automatic	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	N	IP Code	22
Number of Speeds	1		

Technical Specifications

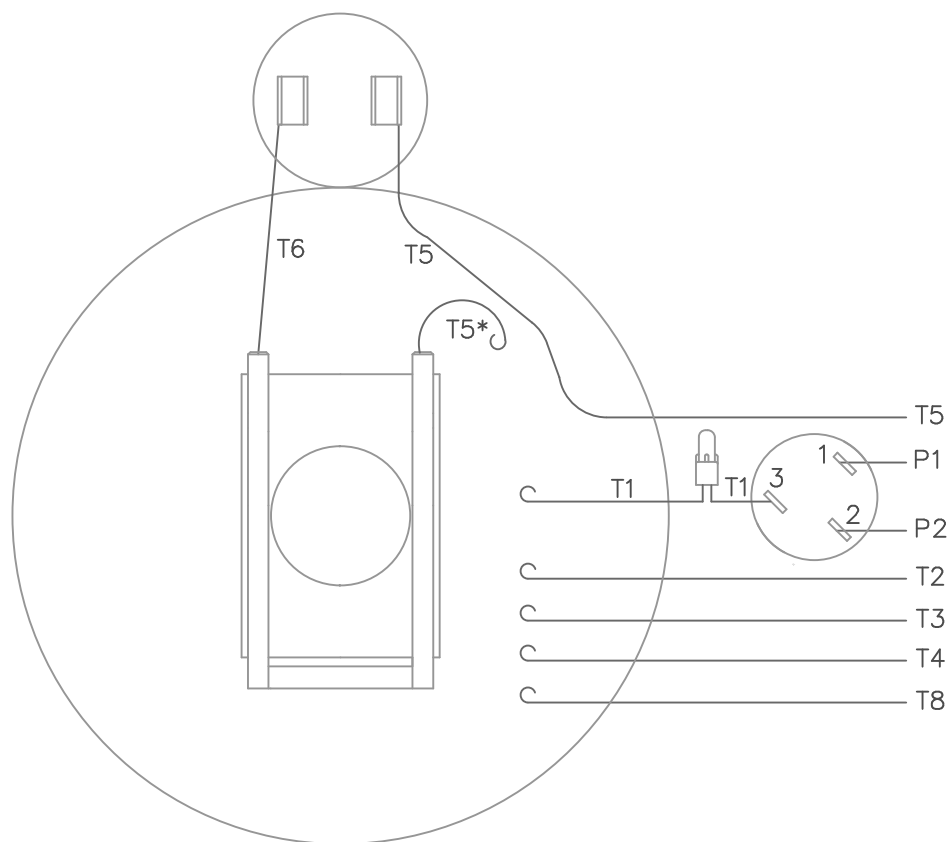
Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	13.19 in
Frame Length	9.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005067.02	Outline Drawing	035392-900



GASKET THROUGHOUT

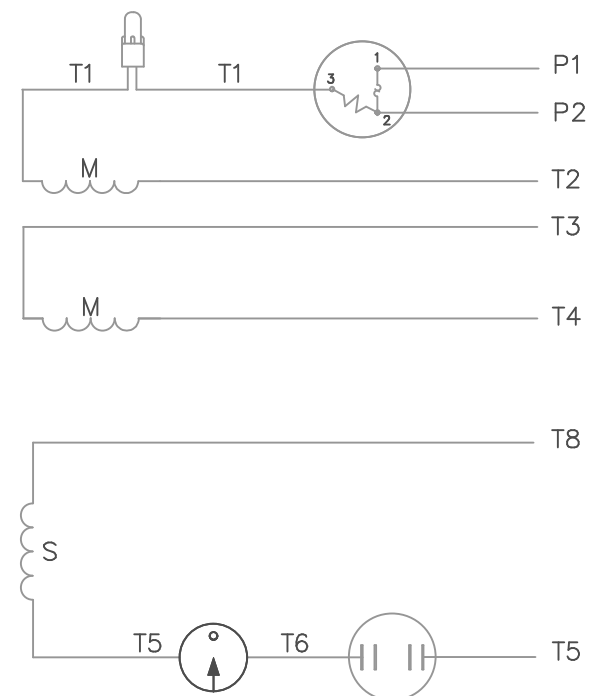
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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



* THIS LEAD MAY BE WHITE

LINE LEADS



	ROTATION FACING LEAD END	L1	L2	JOIN	INSULATE SEPARATELY
HIGH VOLT	C.C.W.	P1	T4 T5	T2,T3 T8	P2
	C.W.	P1	T4 T8	T2,T3 T5	P2
LOW VOLT	C.C.W.	P1	T2,T4 T5	P2,T3 T8	
	C.W.	P1	T2,T4 T8	P2,T3 T5	

		TOLERANCES UNLESS SPECIFIED		LEESON		ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN WLW 09/01/76	
		DEC.	INCHES					CHK	
05	ALTERNATE T5 LEAD MARKING WAS RED	RLW	8/6/02	.X	±.1			APPD	
04	ADDED ALTERNATE T5 LEAD MARKING	RLW	5/31/02	KH	.XX	±.01	TITLE		SCALE 1=1
03	DECAL WAS 004015	DBT	12/23/97		.XXX	±.005	EXT. WIRING DIAGRAM TYPE "C" W/ PROTECTOR		REF
02	REDRAWN ON CAD	DBT	05/29/97		.XXXX	±.0005	MAT'L. DECAL - 004011		FMF
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		00506702	SIZE	DRAWING NO.	REV.
			DIST NLV				A	005067-02	05



1051 CHEYENNE AVE.
GRAFTON, WI 53024
PH. 262-377-8810

CERTIFICATION DATA SHEET

CONN. DIAGRAM: 005067.02
OUTLINE: 035392-900
WINDING #: C842 DR 3 XF

CATALOG #: 131535.00

MOUNTING: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
2	1.49	1800	1740	182T	DP	K	L

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/208-230	24.5/13-12.4	ACROSS THE LINE	CONTINUOUS	F4	1.15	40

FULL LOAD EFF:	72	3/4 LOAD EFF:	68.4	1/2 LOAD EFF:	65	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	74	3/4 LOAD PF:	67.1	1/2 LOAD PF:	55.1	68	CAP START IND RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
6 LB-FT	156 / 78	20.6 LB-FT 343 %	16.1 LB-FT 268 %	52

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.306 LB-FT^2	0.3 LB-FT^2	0 SEC.	0	66 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE - LEESON (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL						
6206	6205	POLYREX EM	T	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	AUTOMATIC	NONE	NONE	NONE	FALSE	NONE VOLTS

INVERTER TORQUE: NONE			
INV. HP SPEED RANGE: NONE			
ENCODER: NONE			
NONE	NONE		
NONE	NONE	PPR	
BRAKE: NONE NONE			
NONE	P/N NONE		
NONE	NONE		
NONE	FT-LB	NONE V	NONE Hz

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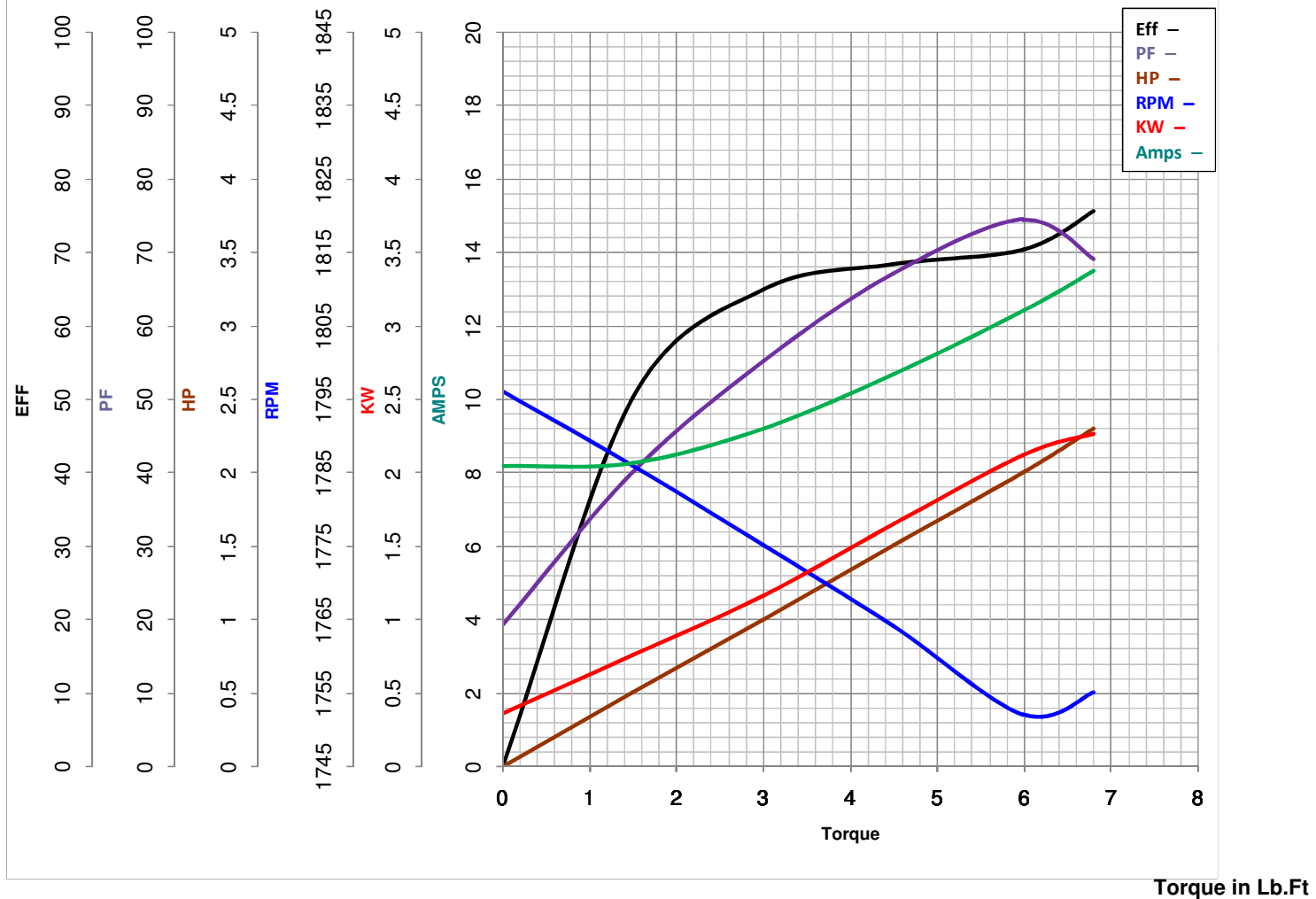
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LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 131535.00Curve at 230
60
2Volts
HZ
HPHP 2.00PHASE 1VOLTS 115/208-230Catalog No 131535.00HZ 60RPM 1740

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

FL AMPS 24.5/13-12.4
 PU TORQUE 15.0 Lb.Ft
 LR AMPS 78

WINDING C842-3

Date 5/17/2018