

PRODUCT INFORMATION PACKET



Model No: U182C17DB9A

Catalog No: 131535.00

2HP..1740RPM.182.DP.115/208-230V.1PH.60HZ.CONT.AUTOMATIC.40C.1.15SF.RIGID.GENERAL
PURPOSE.U182C17DB9A

Open Drip Proof (ODP)



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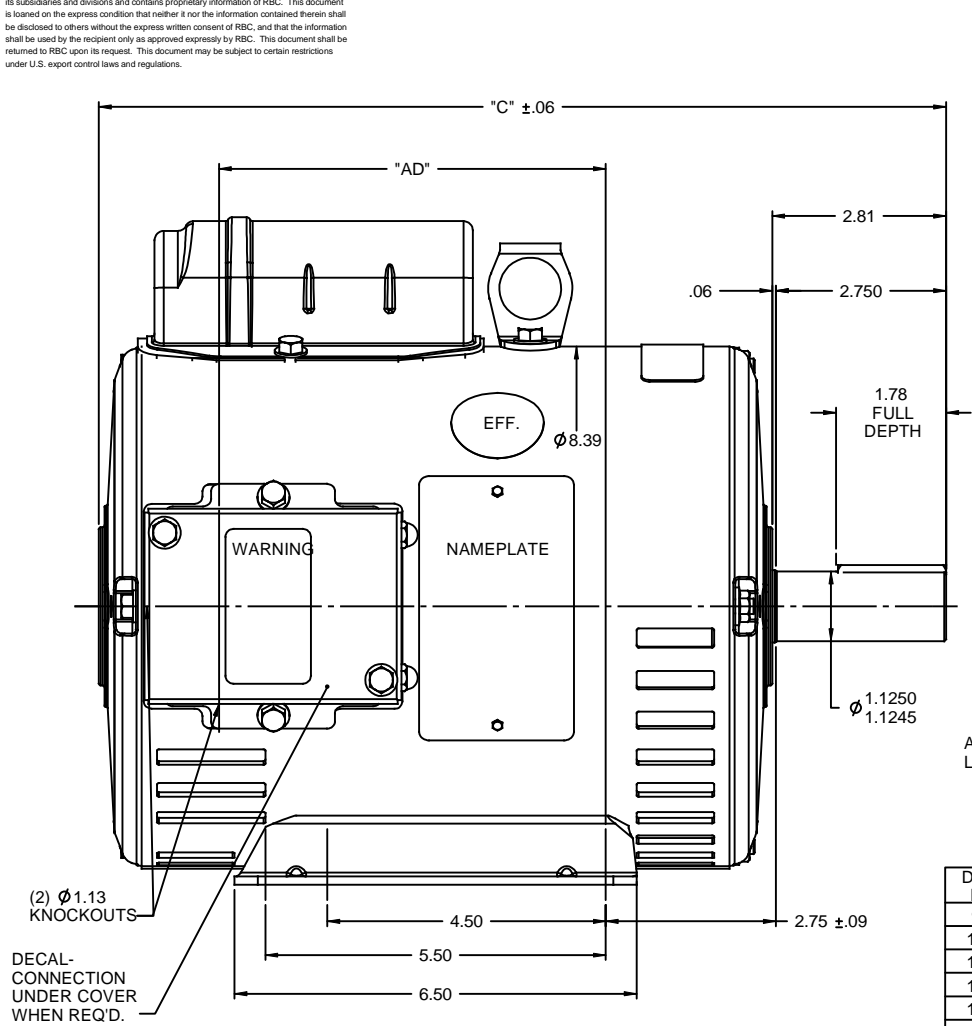


Nameplate Specifications

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 %	Duty	Continuous
Insulation Class	F	Design Code	L
KVA Code	K	Frame	182T
Enclosure	Drip Proof	Overload Protector	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		

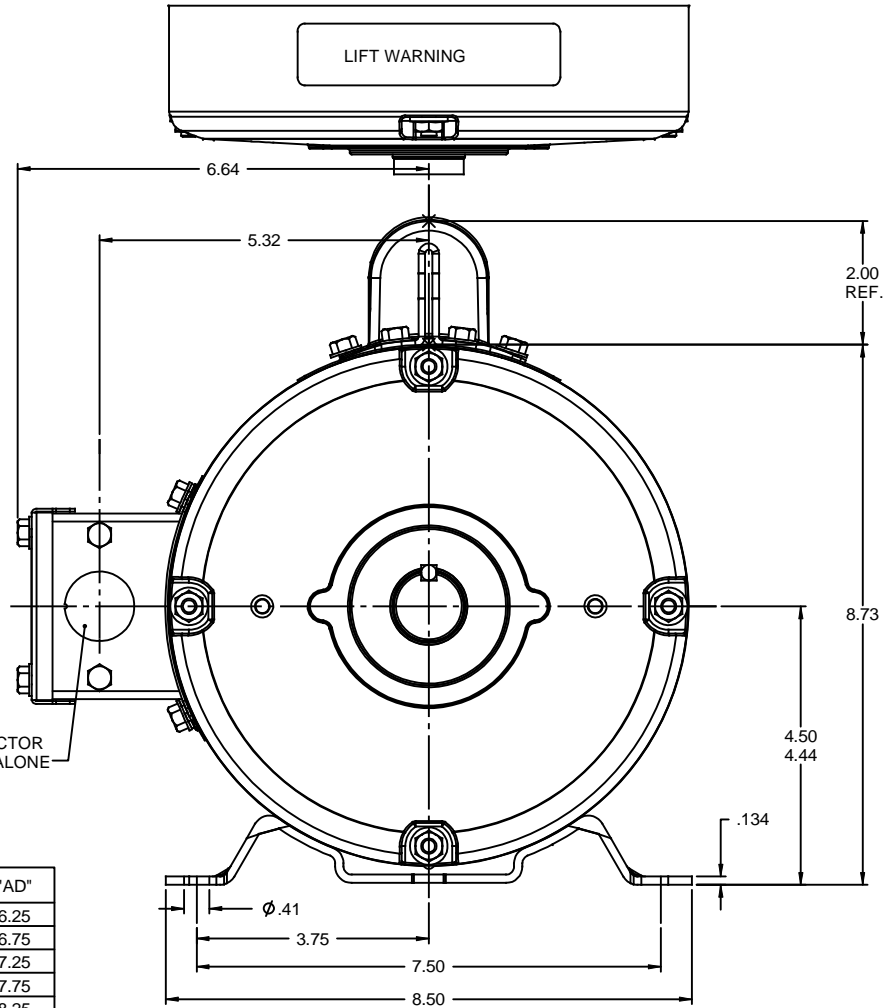
Technical Specifications

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	13.19 in	Frame Length	9.00 in
Shaft Diameter	1.125 in	Shaft Extension	2.75 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	035392-900	Connection Diagram	005067.02



AUTOMATIC PROTECTOR
LEAVE KNOCKOUT ALONE

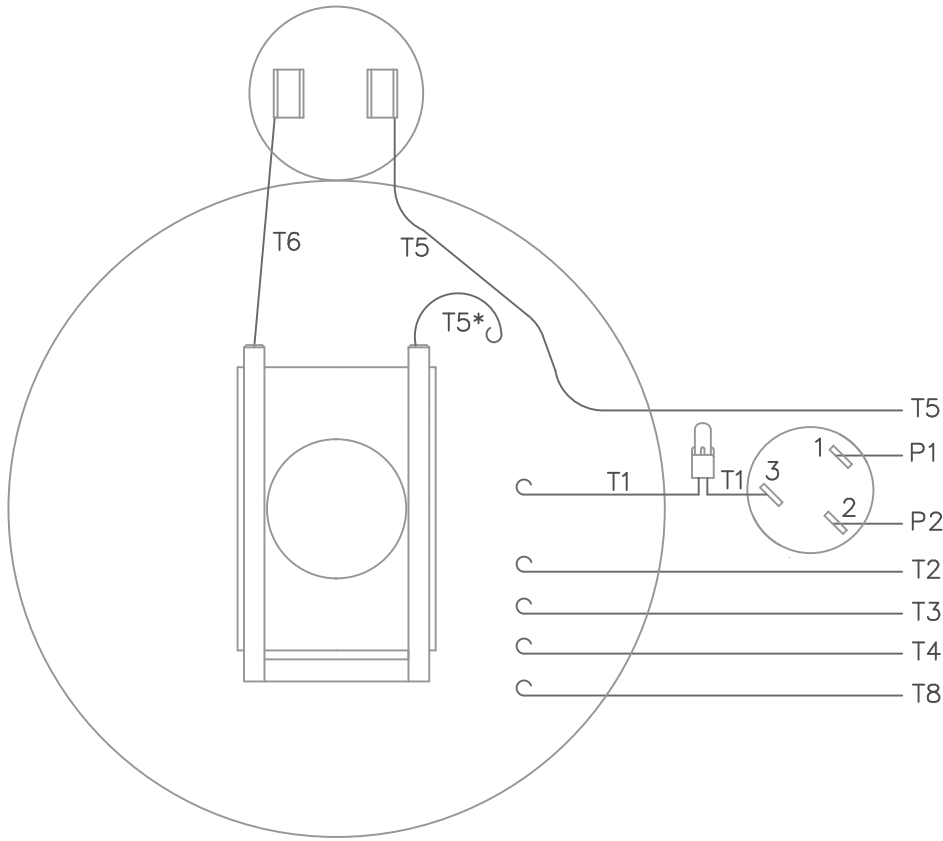
DASH NO.	"C"	"AD"
950	13.69	6.25
1000	14.19	6.75
1050	14.69	7.25
1100	15.19	7.75
1150	15.69	8.25
1200	16.19	8.75
1250	16.69	9.25



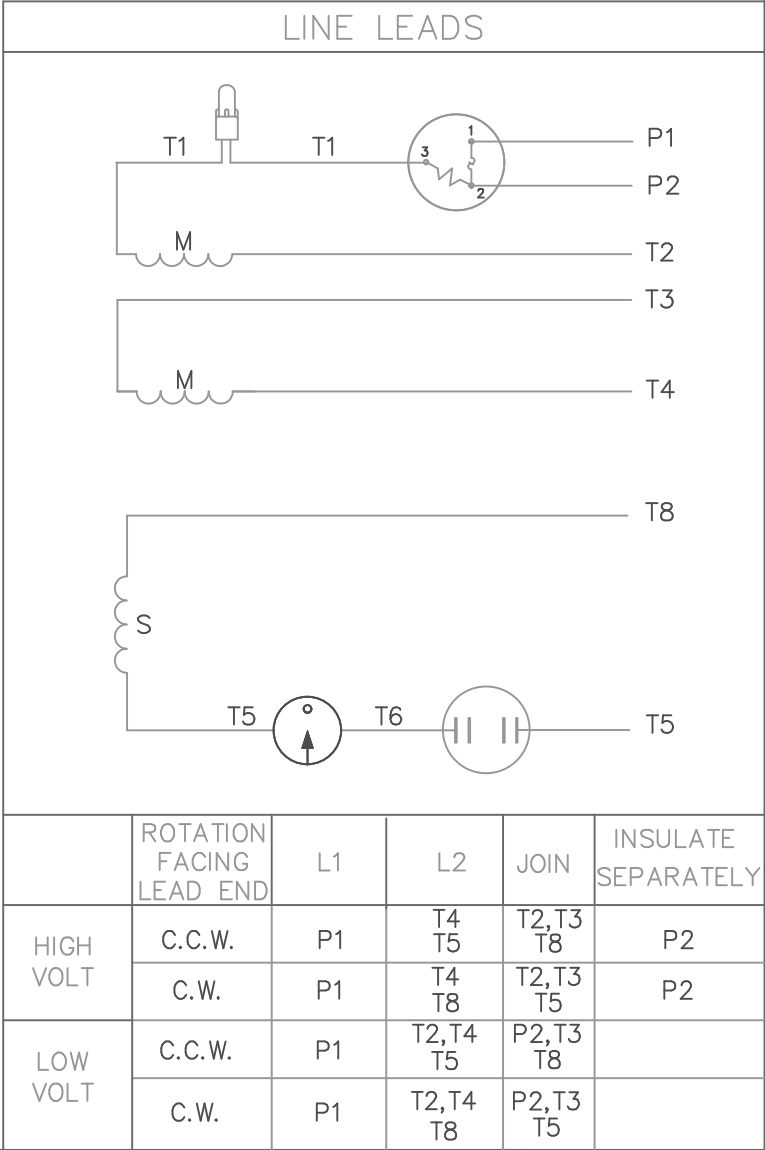
GASKET THROUGHOUT


		TOLERANCES UNLESS SPECIFIED		DRAWN DBT 11/13/97	
		DEC	INCHES	CHK	
		X	±.1	APPR	
		XX	±.03	SCALE	1:2
		XXX	±.005	REF	035000
- UPDATED & REDRAWN IN SOLIDWORKS		LST 12/23/2009	XX XXXX ±.0005	MATL W/ AUTO. PROTECTOR	FMF 131535
NO		REVISION	BY & DATE	CHK ANG ±1/2"	PAGE OF
		THIRD ANGLE PROJECTION		FINISH	
				PREV	
				SIZE	DRAWING NO
				B	035392
				NETWORK FILE NAME	REV
					-

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



* THIS LEAD MAY BE WHITE

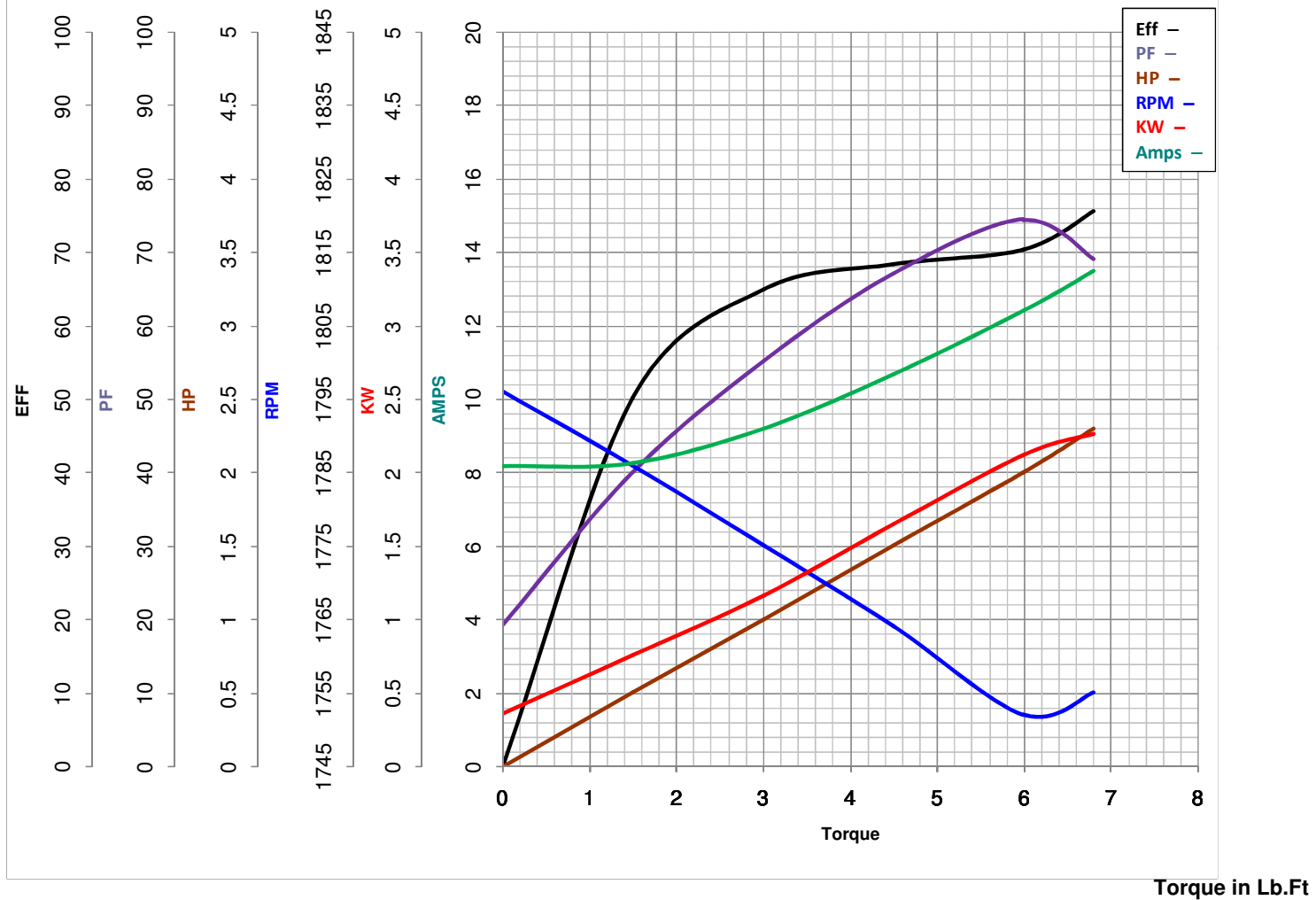


				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN WLW 09/01/76	
				DEC.	INCHES				CHK	
05	ALTERNATE T5 LEAD MARKING WAS RED	RLW	8/6/02	.X	±.1	TITLE	EXT. WIRING DIAGRAM TYPE "C" W/ PROTECTOR		APPD	
04	ADDED ALTERNATE T5 LEAD MARKING	RLW	5/31/02	KH	.XX				SCALE 1=1	
03	DECAL WAS 004015	DBT	12/23/97		.XXX				REF	
02	REDRAWN ON CAD	DBT	05/29/97		.XXXX				FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	MAT'L. DECAL - 004011		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



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