

PRODUCT INFORMATION PACKET



Model No: 131538.00

Catalog No: 131538.00

General Purpose Motor, 5 HP, 1 Ph, 60 Hz, 230 V, 1800 RPM, 184T Frame, TEFC



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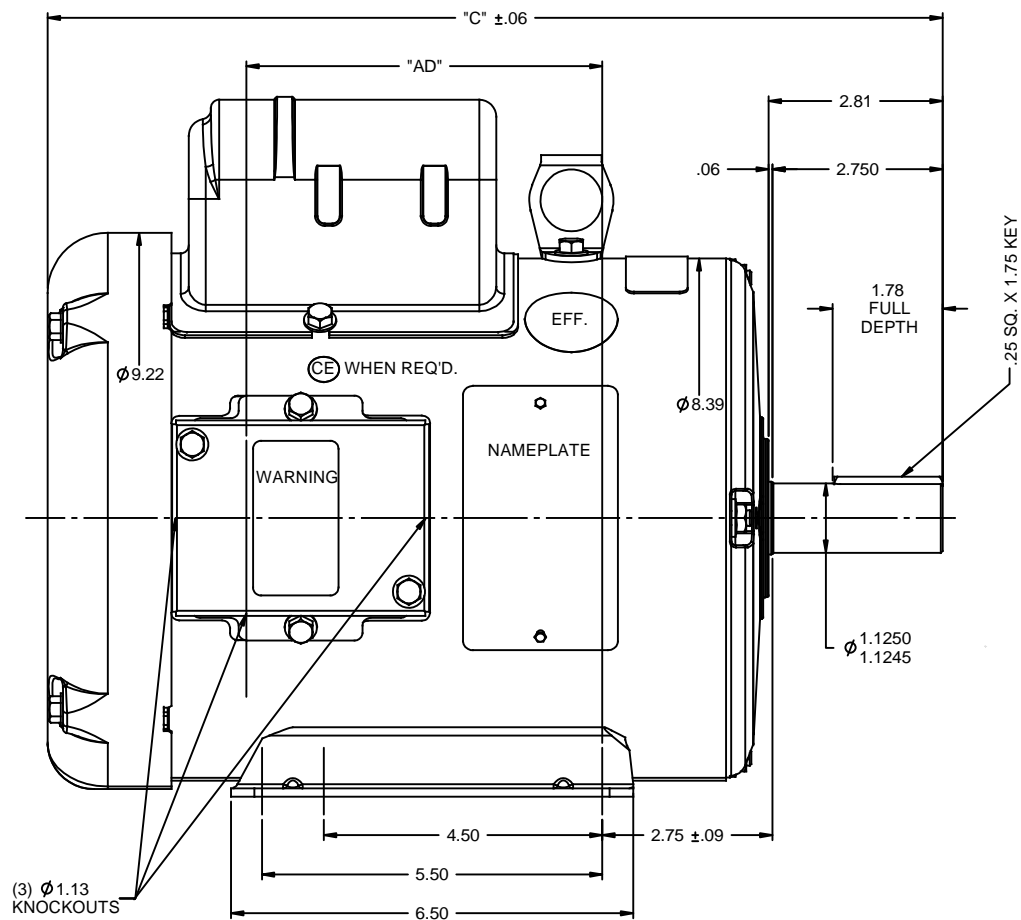


Nameplate Specifications

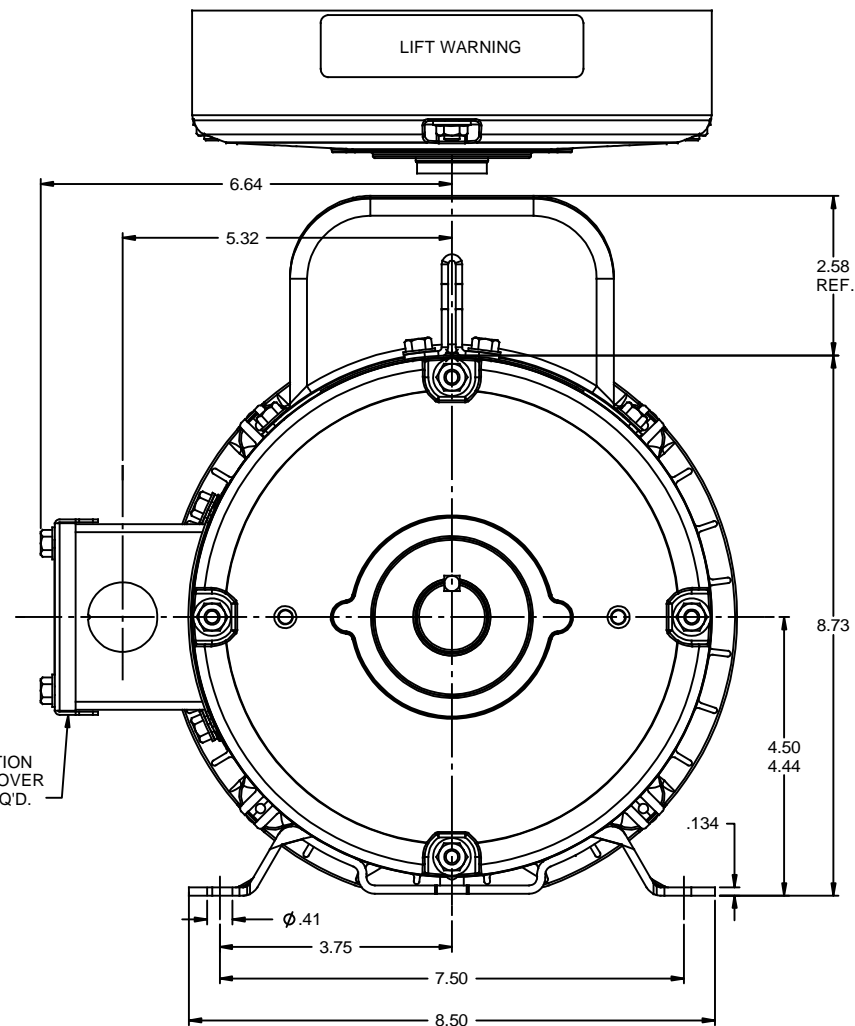
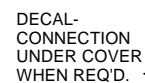
Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	230 V
Current	23.0 A	Speed	1740 rpm
Service Factor	1	Phase	1
Efficiency	81 %	Power Factor	92
Duty	Continuous	Insulation Class	F
Design Code	L	KVA Code	H
Frame	184T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

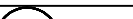

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	17.46 in
Frame Length	12.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035352-1200	Connection Drawing	005018.01



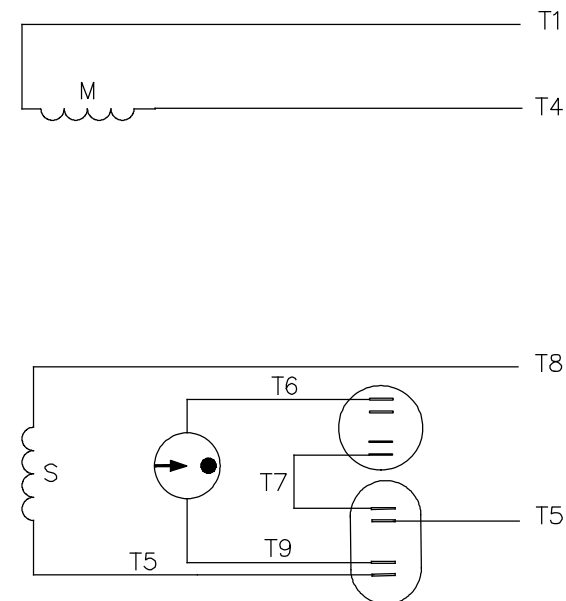
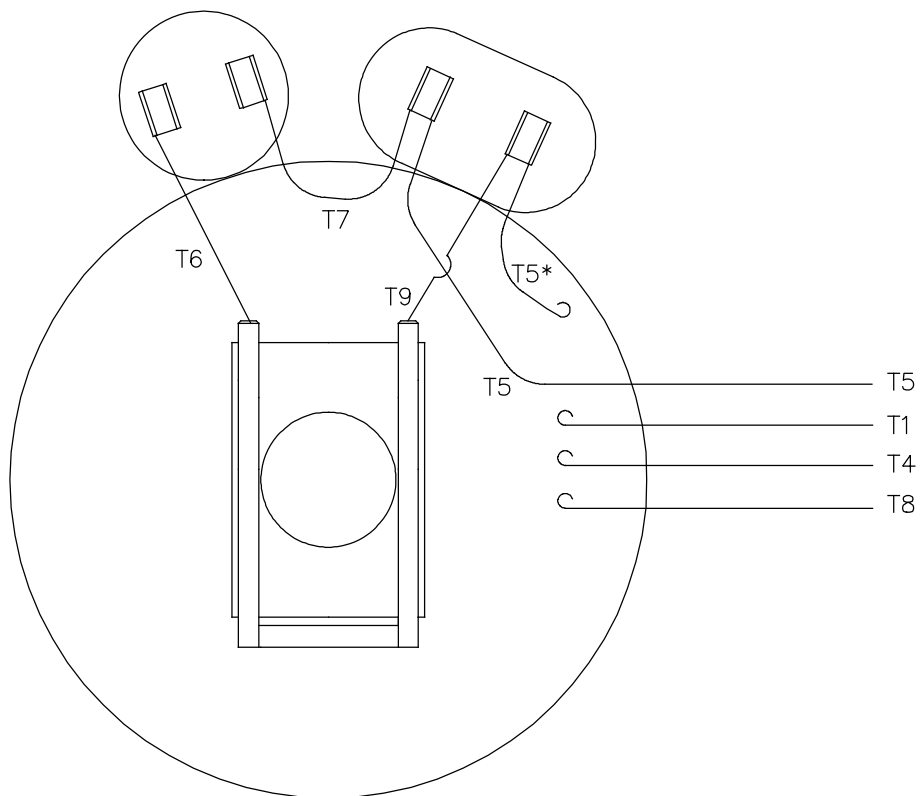
DASH NO.	"C"	"AD"
800	13.46	4.75
850	13.96	5.25
900	14.46	5.75
950	14.96	6.25
1000	15.46	6.75
1050	15.96	7.25
1100	16.46	7.75
1150	16.96	8.25
1200	17.46	8.75



GASKETS THROUGHOUT


				TOLERANCES UNLESS SPECIFIED	 REGAL-BEILERT CORPORATION	DRAWN PG 6/20/97
				DEC INCHES		CHK RK 6/20/97
			X ±.1			APPR
			XX ±.03	TITLE OUTLINE - 180T FRAME		SCALE 1:2
			XXX ±.005	TEFC - RIGID MOUNT		REF
-	UPDATED & REDRAWN TO SOLIDWORKS	LST 12/15/2009 XX XXXX ±.0005	MATL	FMF		
NO	REVISION	BY & DATE	CHK ANG ±1/2°	FINISH	PAGE OF	
THIRD ANGLE PROJECTION 			RFP	PREV	SIZE B	DRAWING NO 035352
			NETWORK FILE NAME			

LINE LEADS



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

* THIS LEAD MAY BE WHITE

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.		DRAWN ADH 02/19/74	
				DEC.	INCHES			CHK WRK 02/20/74	
21	LOGO UPDATED FROM LEESON TO MARATHON	AS 07/03/19	AS .X	±.1	TITLE EXTERNAL WIRING DIAGRAM TYPE "K" W/O PROTECTOR				APPD JCW 02/20/74
20	ALTERNATE T5 LEAD MARKING WAS RED	RLW 7/22/02	KH .XX	±.01					SCALE 1=1
19	ADDED ALTERNATE T5 LEAD MARKING	RLW 5/31/02	KH .XXX	±.005					REF
18	REDRAWN ON CAD	DBT 06/24/97		.XXXX	±.0005	MAT'L. DECAL - 004018		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 00501801		SIZE A	DRAWING NO. 005018-01	REV 21
			DIST BRF-NLV						

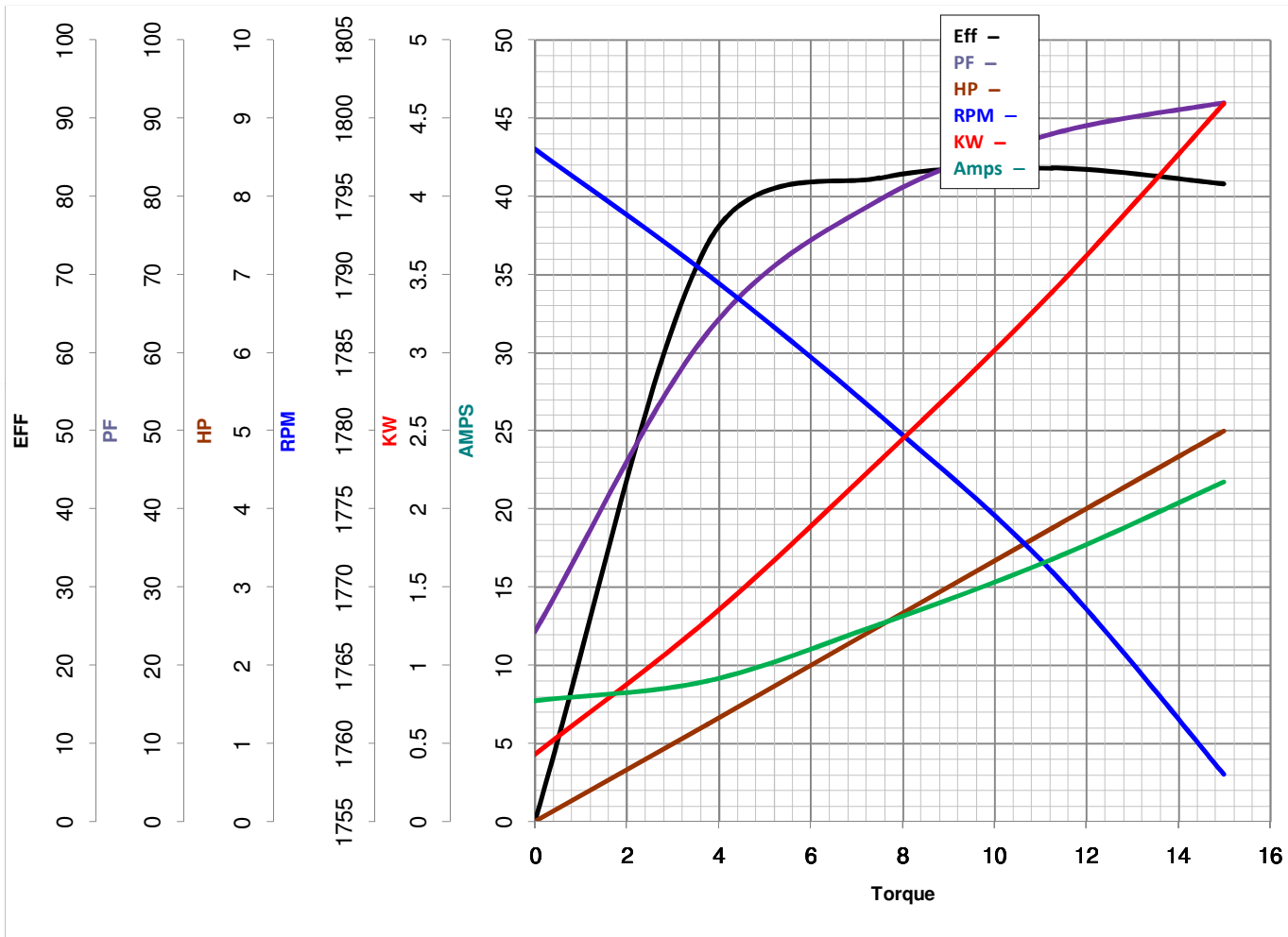


LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 131538.00Catalog No 131538.00

Curve at

230
60
5Volts
HZ
HPHP 5.00VOLTS 230HZ 60PHASE 1RPM 1740

Torque in Lb.Ft

FL TORQUE 15 Lb.Ft
 BD TORQUE 35.3 Lb.Ft
 LR TORQUE 46.5 Lb.Ft

FL AMPS 23
 PU TORQUE 30.5 Lb.Ft
 LR AMPS 149

WINDING K843-2

Date 3/26/2018