

# PRODUCT INFORMATION PACKET



Model No: C184K34DC2A

Catalog No: 131777.00

5HP..3490RPM.184.DP./208-230V.1PH.60HZ.CONT.NOT.40C.1.15SF.C FACE..C184K34DC2A

Open Drip Proof (ODP)



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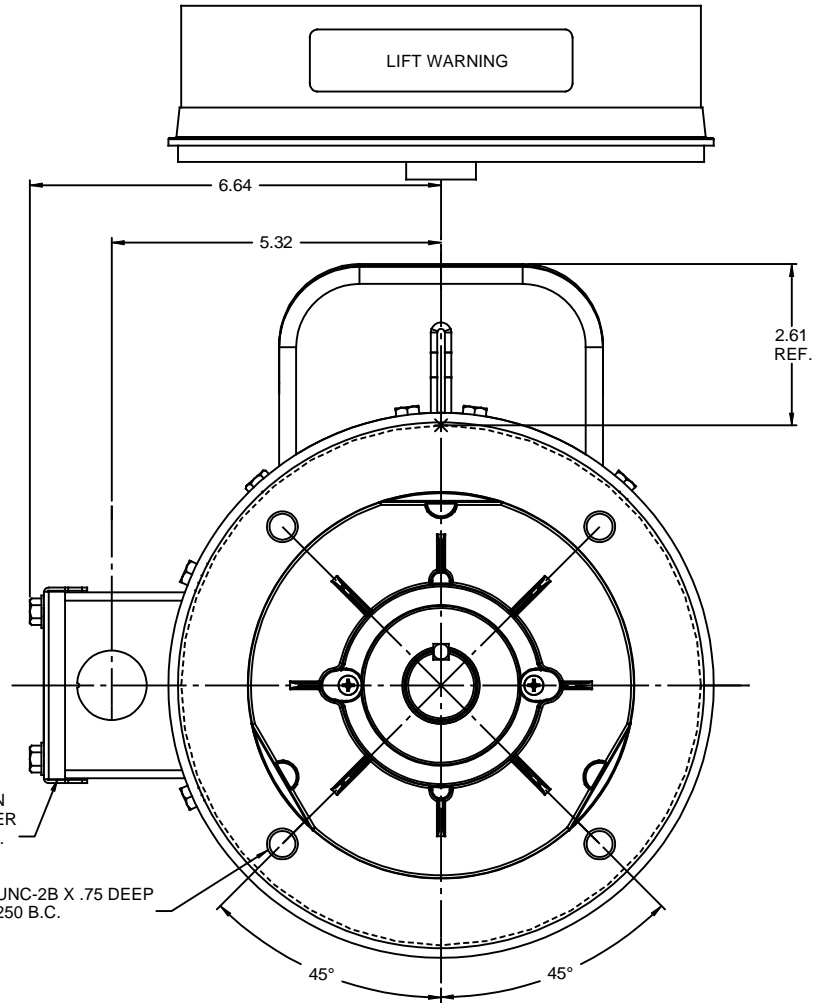
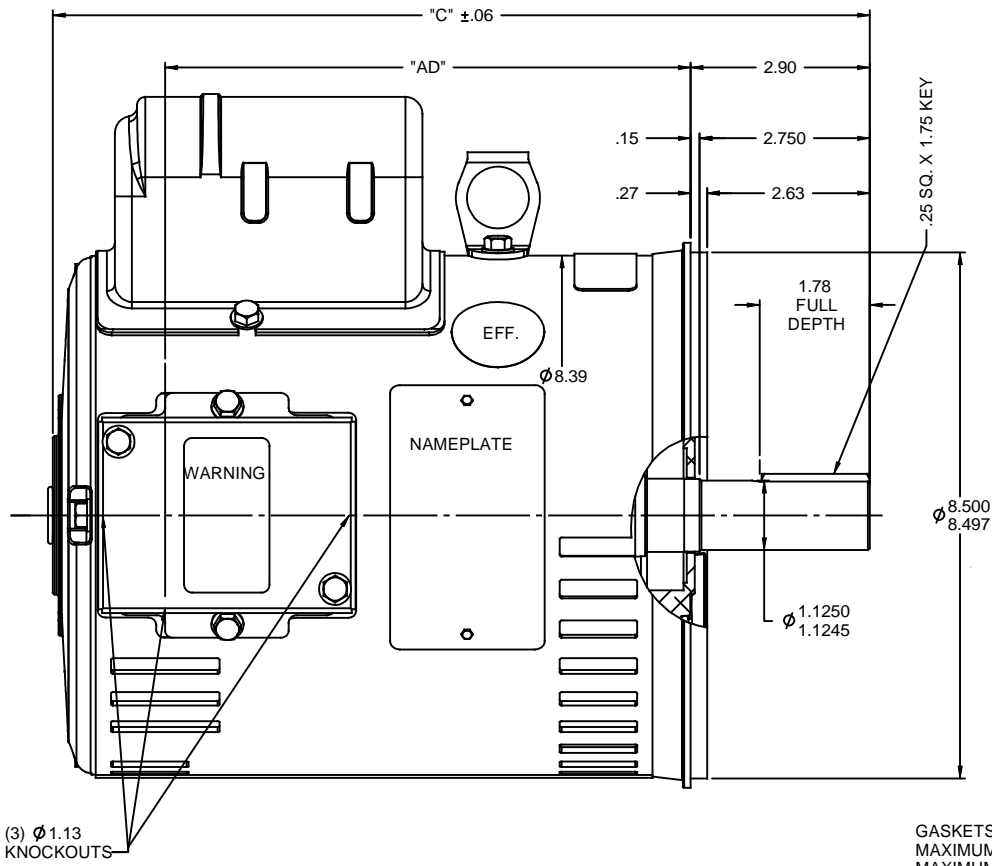
### Nameplate Specifications

Output HP	<b>5 Hp</b>	Output KW	<b>3.7 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230 V</b>
Current	<b>23.0-22.2 A</b>	Speed	<b>3490 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>80 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	Design Code	<b>L</b>
KVA Code	<b>G</b>	Frame	<b>184TC</b>
Enclosure	<b>Drip Proof</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6206</b>
Opp Drive End Bearing Size	<b>6205</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>N</b>
IP Code	<b>22</b>		

### Technical Specifications

Electrical Type	<b>Capacitor Start Capacitor Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>2</b>	Rotation	<b>Selective Counterclockwise</b>
Mounting	<b>Round</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>T</b>
Overall Length	<b>14.70 in</b>	Frame Length	<b>10.50 in</b>
Shaft Diameter	<b>1.125 in</b>	Shaft Extension	<b>2.75 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>035371-1050</b>	Connection Diagram	<b>005018.01</b>

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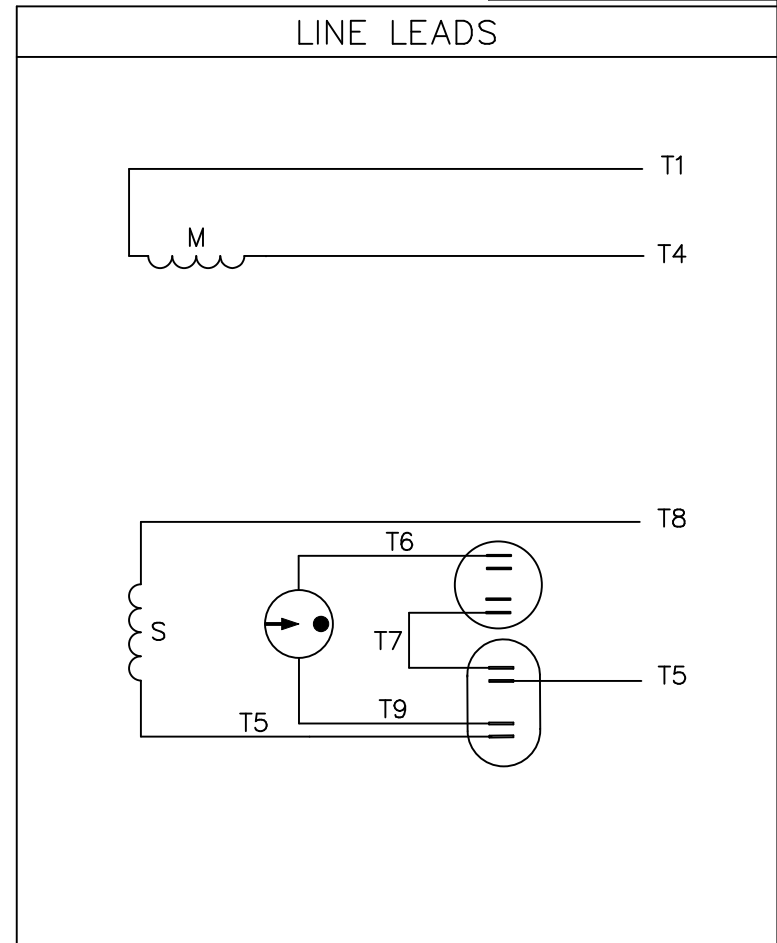
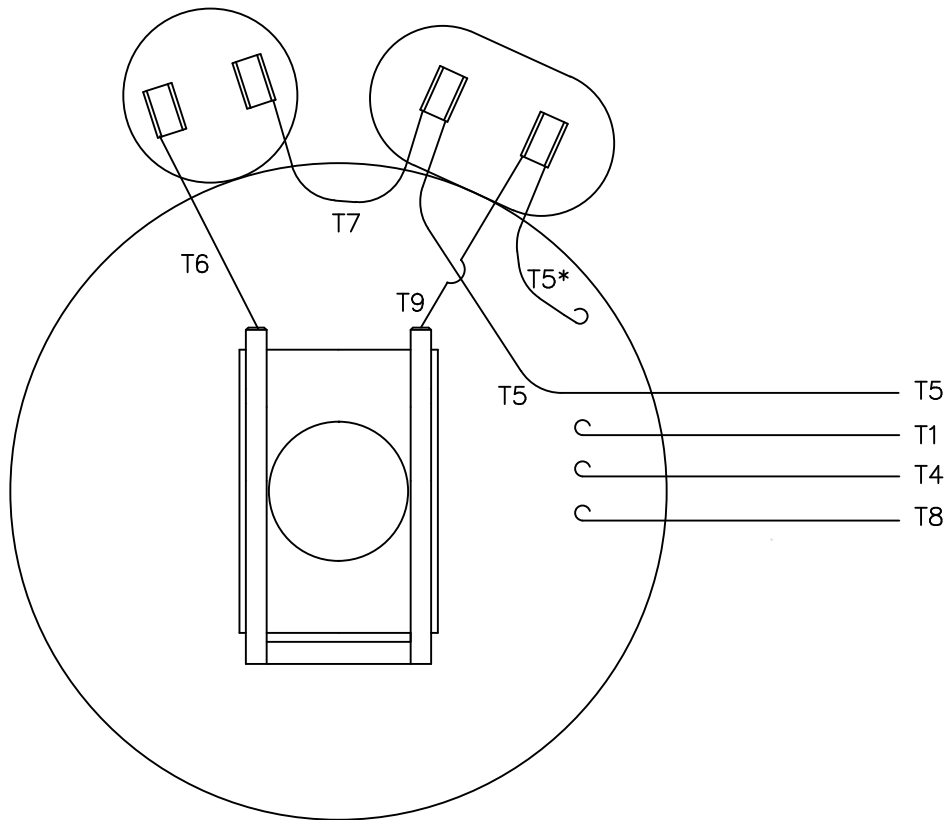


GASKETS THROUGHOUT  
 MAXIMUM FACE RUNOUT TO BE .004 T.I.R.  
 MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.  
 PERMISSIBLE SHAFT RUNOUT TO BE .002 T.I.R.

DASH NO.	"C"	"AD"
850	12.70	7.88
900	13.20	8.38
950	13.70	8.88
1000	14.20	9.38
1050	14.70	9.88
1100	15.20	10.38
1150	15.70	10.88

				TOLERANCES UNLESS SPECIFIED		DRAWN PG 10/3/97	
				DEC	INCHES	CHK RSK 10/3/97	
				x	±.1	APPR	
				.xx	±.03	SCALE 1:2	
				.xxx	±.005	REF 035059	
- UPDATED AND REDRAWN IN SOLIDWORKS				LST 12/21/2009	xx .xxx	±.005	FMF STANDARD
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	PAGE OF
			RFP			PREV	
THIRD ANGLE PROJECTION						SIZE	DRAWING NO
						B	035371
						REV	-

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



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

\* THIS LEAD MAY BE WHITE

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED	
				DEC.	INCHES
				.X	±.1
20	ALTERNATE T5 LEAD MARKING WAS RED	RLW 7/22/02	KH	.XX	±.01
19	ADDED ALTERNATE T5 LEAD MARKING	RLW 5/31/02	KH	.XXX	±.005
18	REDRAWN ON CAD	DBT 06/24/97		.XXXX	±.0005
				ANG	±1/2°



ELECTRIC MOTORS  
GEARMOTORS  
AND DRIVES

DRAWN	ADH 02/19/74
CHK	WRK 02/20/74
APPD	JCW 02/20/74
SCALE	1=1
REF	
FMF	
PREV	

TITLE	EXTERNAL WIRING DIAGRAM TYPE "K" W/O PROTECTOR
MAT'L.	DECAL - 004018
FINISH	

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			DIST	BRF-NLV		A	005018-01	20



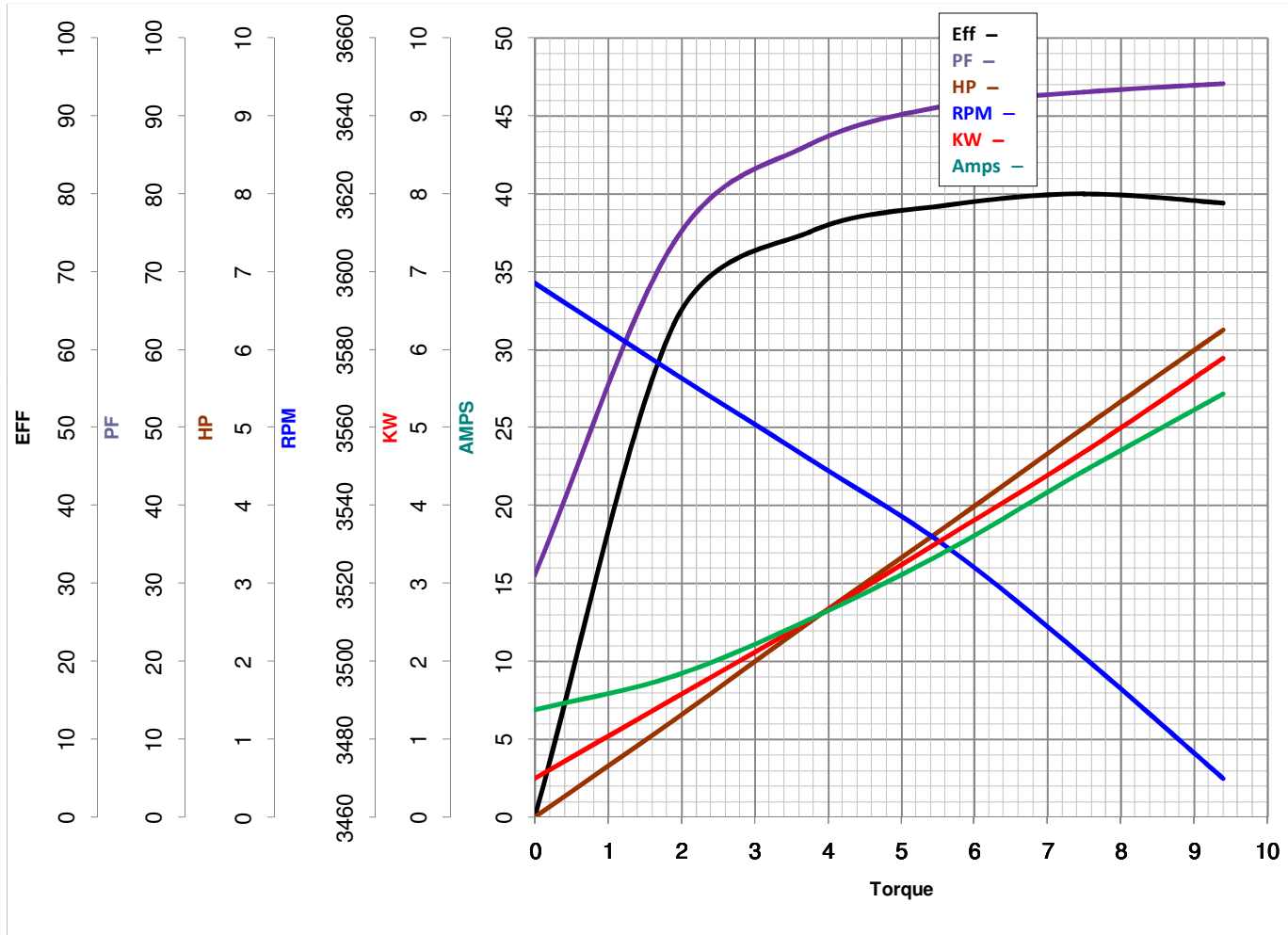
**LEESON ELECTRIC CORPORATION**  
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 131777.00

Catalog No 131777.00

Curve at 230 Volts HP 5.00 PHASE 1  
60 HZ  
5 HP VOLTS 208-230

HZ 60 RPM 3490



Torque in Lb.Ft

FL TORQUE 7.5 Lb.Ft  
 BD TORQUE 19.2 Lb.Ft  
 LR TORQUE 19 Lb.Ft

FL AMPS 23-22.2  
 PU TORQUE 16.0 Lb.Ft  
 LR AMPS 141

WINDING K8222-2

Date 4/23/2018