

# PRODUCT INFORMATION PACKET



Model No: C184K34DB3B  
Catalog No: 131616.00  
5HP..3500RPM.184.DP./208-230V.1PH.60HZ.CONT.NOT.40C.1.15SF.RIGID.GENERAL  
PURPOSE.C184K34DB3B  
Open Drip Proof (ODP)



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## Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	208-230 V
Current	24.0-22.0 A	Speed	3500 rpm
Service Factor	1.15	Phase	1
Efficiency	80 %	Duty	Continuous
Insulation Class	F	Design Code	L
KVA Code	G	Frame	MX184T
Enclosure	Drip Proof	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	22		

## Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	2	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	14.69 in	Frame Length	10.50 in
Shaft Diameter	1.125 in	Shaft Extension	2.75 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	035370-1050	Connection Diagram	005018.01

4

3

Uncontrolled Copy

2

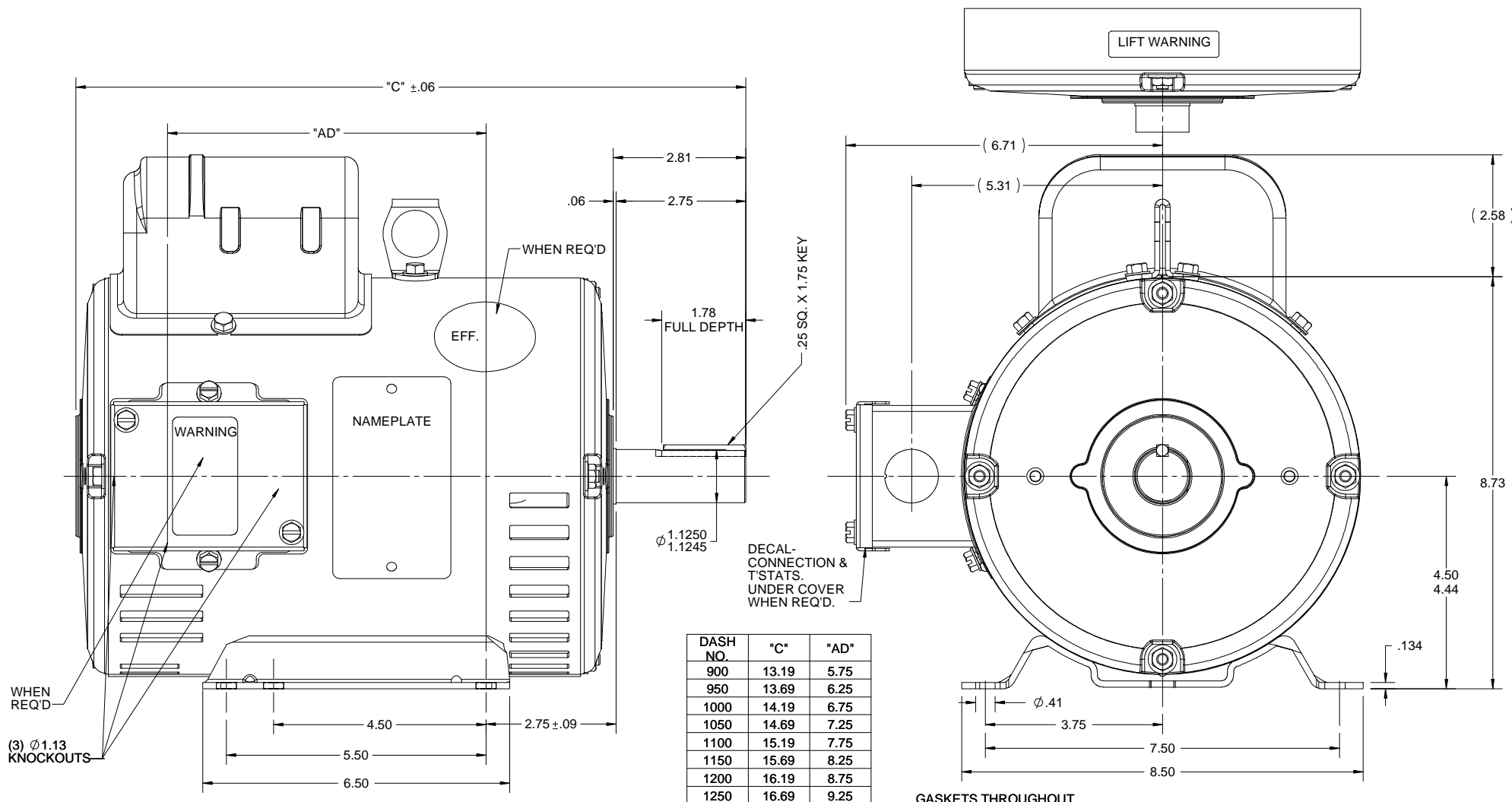
1

B

B

A



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GASKETS THROUGHOUT

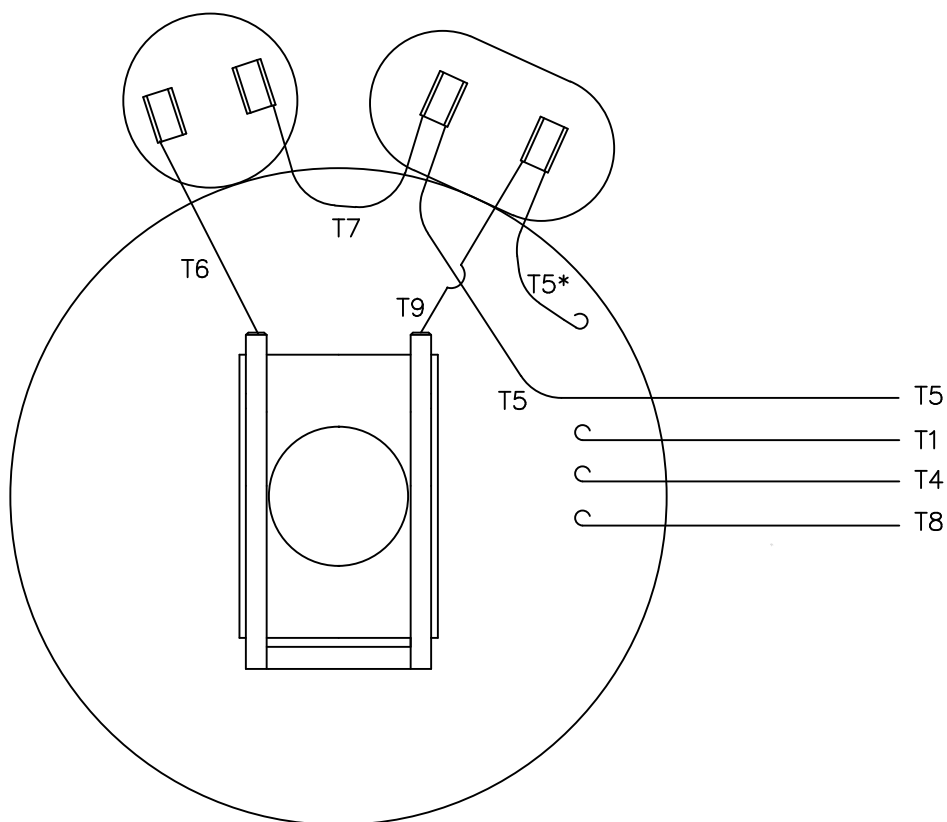
DRAWING REVISION E	REVISION BY NK	DATE 8/28/18
ECO ECO-0151575	APPROVED BY SR	DATE 8/28/18
ECO DESCRIPTION WHEN REQ'D NOTE ADDED		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP			
EDGES: .003/.015 [0.076/.381] X 45°			
CORNER FILLETS: R.02 [51]			
MACHINED SURFACES: 125 3.2			
mm SHOWN IN [BRACKETS]			

DRAWN BY PG		 Regal Beloit America, Inc.	
DATE 10/02/97		<div>DESCRIPTION</div> <div>OUTLINE</div> <div>DRIP PROOF - RIGID MOUNT</div>	
APPROVED BY			
DATE			
REFERENCE		MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION 	SIZE B	DRAWING NUMBER 035370	SHEET 1 OF 1

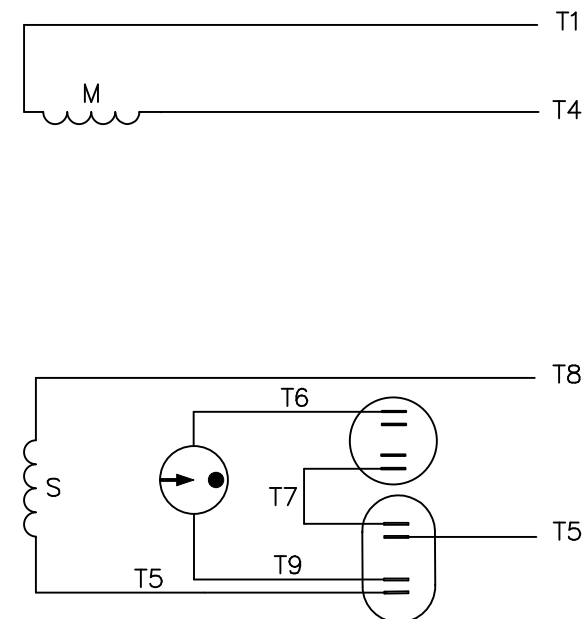
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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



\* THIS LEAD MAY BE WHITE

## LINE LEADS

ROTATION  
FACING  
LEAD END

L1

L2

C.C.W.

T1,T8

T4,T5

C.W.

T1,T5

T4,T8

TOLERANCES  
UNLESS SPECIFIED

DEC. INCHES

.X ±.1

.XX ±.01

.XXX ±.005

.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

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

NO. REVISION

BY &amp; DATE

CHK

ANG ±1/2"

TITLE

EXTERNAL WIRING DIAGRAM  
TYPE "K" W/O PROTECTOR

MAT'L.

DECAL - 004018

FINISH

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RFP

CAD FILE

00501801

SIZE

A

DRAWING NO.

005018-01

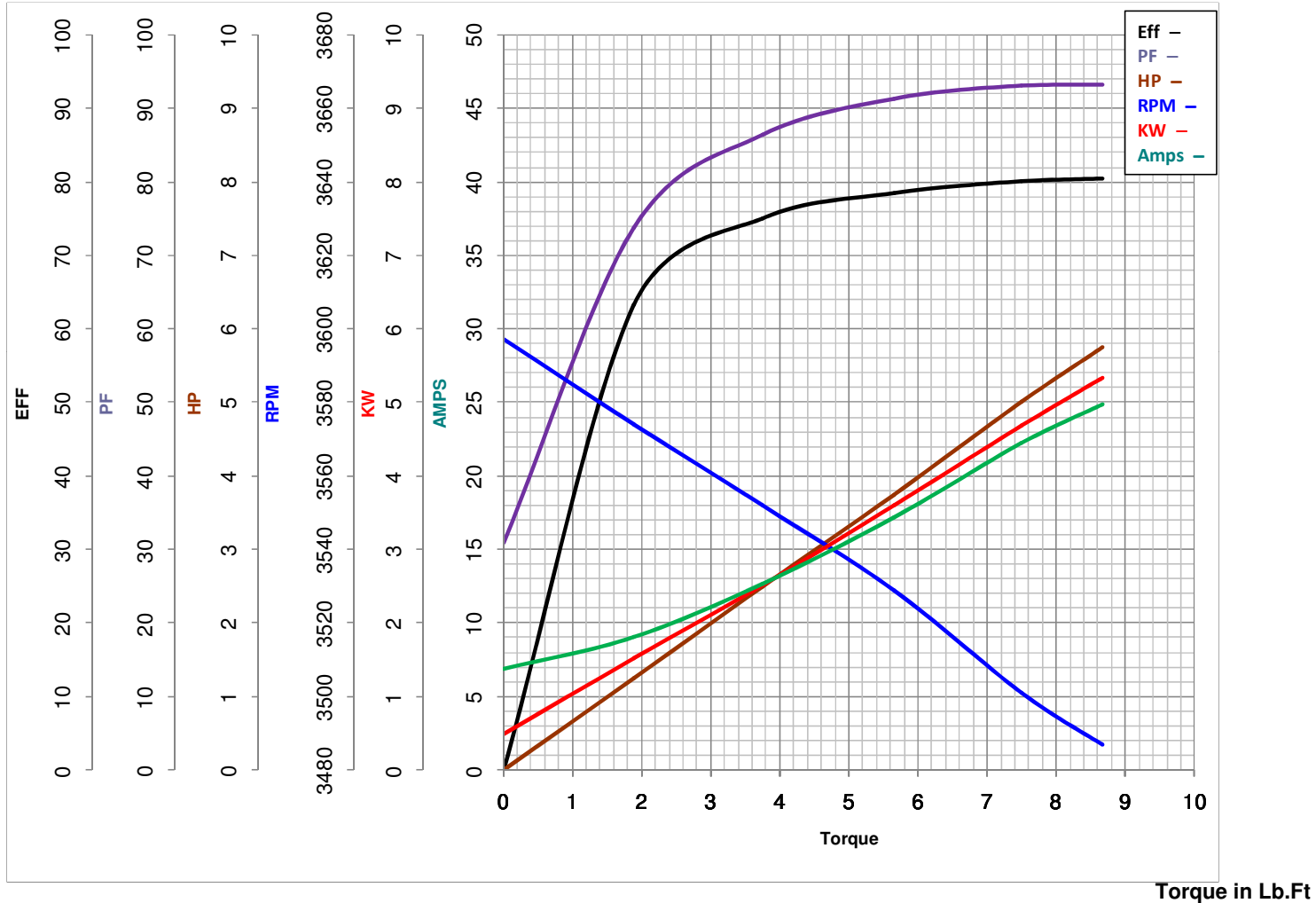
REV.

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# LEESON ELECTRIC CORPORATION

## TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 131616.00Curve at 230  
60  
5Volts  
HZ  
HPHP 5.00PHASE 1VOLTS 208-230Catalog No 131616.00HZ 60RPM 3500

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

FL AMPS 24-22  
 PU TORQUE 16.0 Lb.Ft  
 LR AMPS 141

WINDING K8222-2

Date 4/12/2018