

# PRODUCT INFORMATION PACKET



Model No: M6K34DK27A

Catalog No: E114215.00

2HP..3450RPM.56.DP.115/230V.1PH.60HZ.CONT.MANUAL.40C.1.15SF.RIGID C.GENERAL PURPOSE.

Open Drip Proof (ODP)



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### Nameplate Specifications

Output HP	<b>2 Hp</b>	Output KW	<b>1.5 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/230 V</b>
Current	<b>16.0/8.0 A</b>	Speed	<b>3450 rpm</b>
Service Factor	<b>1</b>	Phase	<b>1</b>
Efficiency	<b>82.9 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>L</b>
KVA Code	<b>H</b>	Frame	<b>56C</b>
Enclosure	<b>Drip Proof</b>	Overload Protector	<b>Manual</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</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>Rigid base</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>NEMA 56</b>
Overall Length	<b>12.37 in</b>	Frame Length	<b>7.50 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>1.88 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>607-0265-750B</b>	Connection Diagram	<b>005053.01</b>

4

3

Uncontrolled Copy

2

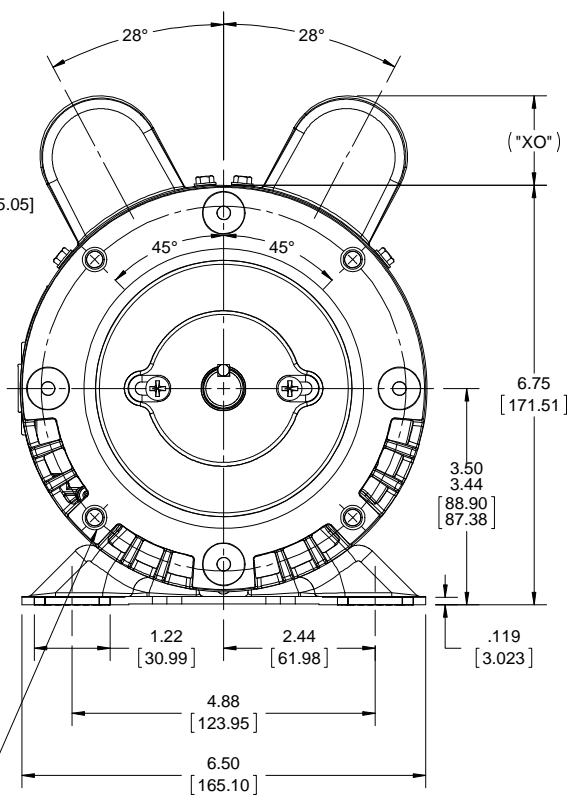
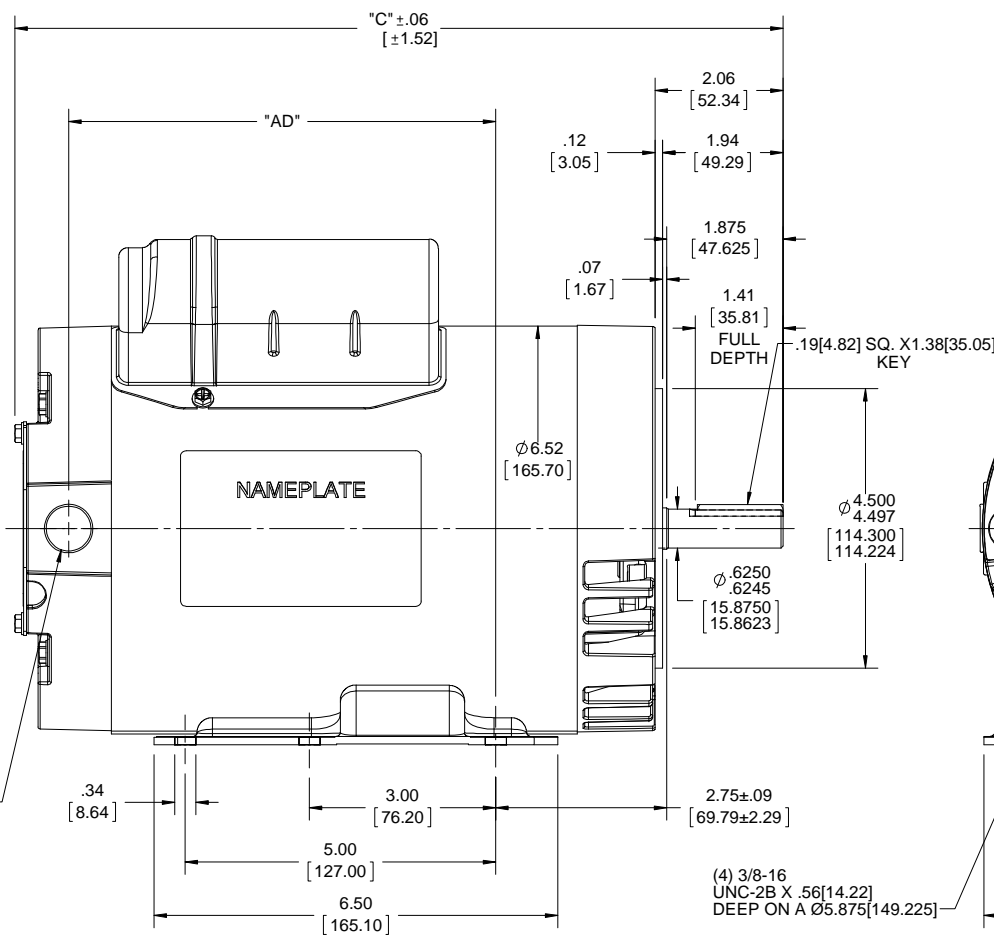
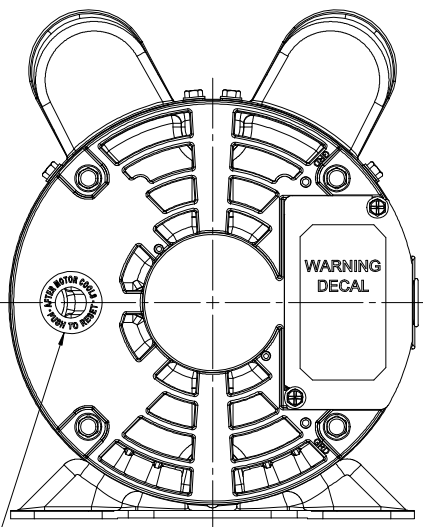
1

B

B

A

A



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

DASH NO.	"C"	"AD"	CAP DASH	"XO"
500	9.87[250.69]	4.38[111.25]		
550	10.37[263.39]	4.88[123.95]		
600	10.87[276.09]	5.38[136.65]		
650	11.37[288.79]	5.88[149.35]	A	1.15[39.37]
700	11.87[301.49]	6.38[162.05]	B	1.44[36.57]
750	12.37[314.19]	6.88[174.75]	C	1.82[46.22]
800	12.87[326.89]	7.38[187.45]		

DRAWING REVISION	REVISION BY	DATE
B	A.KEETHA	05/02/2018
ECO-0148230	APPROVED BY PK	DATE 07/05/2018

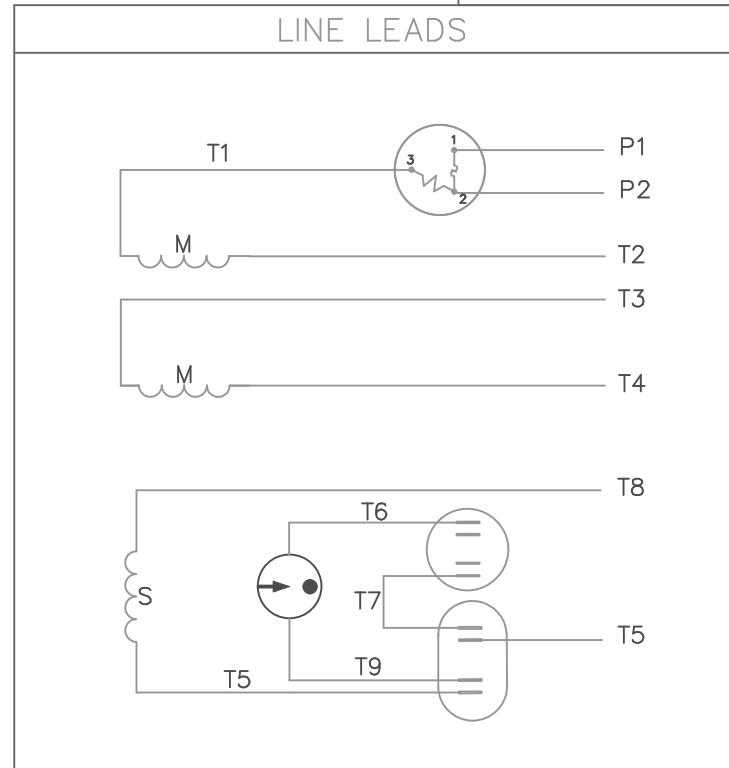
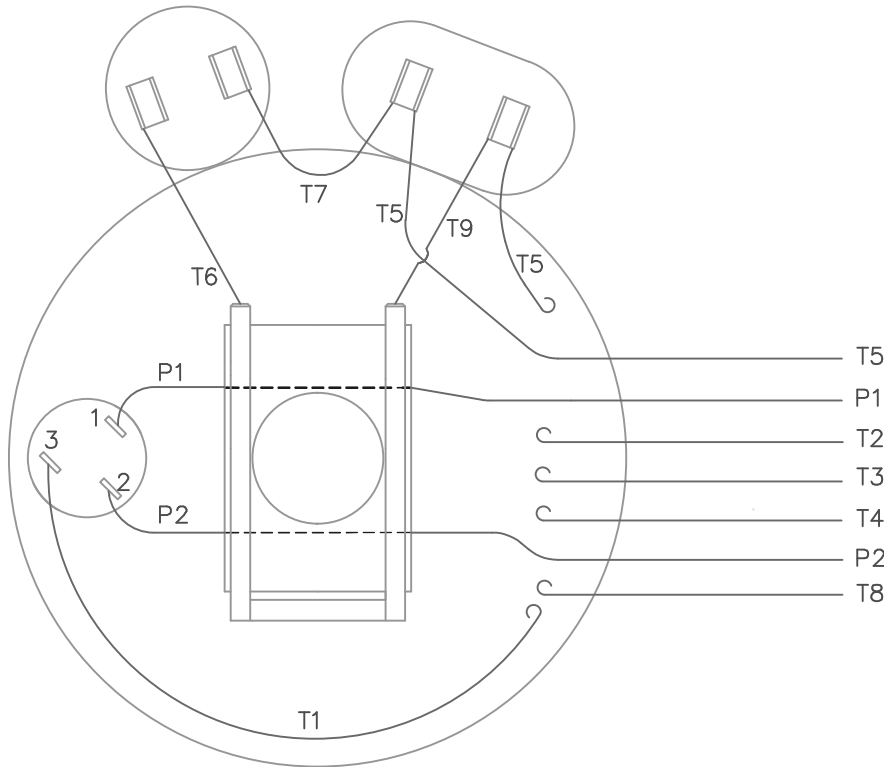
ECO DESCRIPTION  
**OUTLINE CONVERSION PROJECT**  
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TOLERANCES UNLESS OTHERWISE SPECIFIED:
DEC. INCH mm ANGLE ±0.5°
.X ±0.1 [±2.5]
.XX ±0.03 [±0.76]
.XXX ±0.005 [±0.127]
.XXXX ±0.0005 [±0.0127]
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45°
CORNER FILLETS: R.02 [51]
MACHINED SURFACES: 125 INCH mm 3.2
mm SHOWN IN [BRACKETS]

DRAWN BY	PK
DATE	08/29/2016
APPROVED BY	
DATE	
REFERENCE	607-0265
THIRD ANGLE PROJECTION	

REGAL™ Regal Beloit America, Inc.	
DESCRIPTION	<b>OUTLINE</b> 56H FRAME DRIP PROOF C-FACE
MATERIAL	PROCESS/FINISH
SIZE	DRAWING NUMBER
B	607-0265
SHEET	1 OF 1

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



	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 OTHERWISE SPECIFIED	
				DECIMALS	
				.00	± .01
				.000	± .005
18	REDRAWN ON CAD	DBT	05/27/97	.0000	± .0005
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64
				ANGLES	± 1/2°
				INCH/MM	

**LEESON** ELECTRIC CORPORATION

DRAWN JRW 09/26/74 TITLE EXTERNAL WIRING DIAGRAM  
CH'K'D. TYPE "K" W/PROTECTOR

APPR. TEM MAT'L. DECAL 004011 **BRF**

SCALE 1=1 REF. 005004 FINISH SIZE A DRAWING NO. 005053-01

FMF W-K 6341

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