

PRODUCT INFORMATION PACKET



Model No: M4P17DC7F
Catalog No: 100704.00
..1/2HP..1625RPM.S56C.DP./115V.1PH.60/50HZ.60
MIN.40C.1.0SF.ROUND.M4P17DC7F.....MANUAL.....Instant Reversing..
Instant Reversing



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Nameplate Specifications

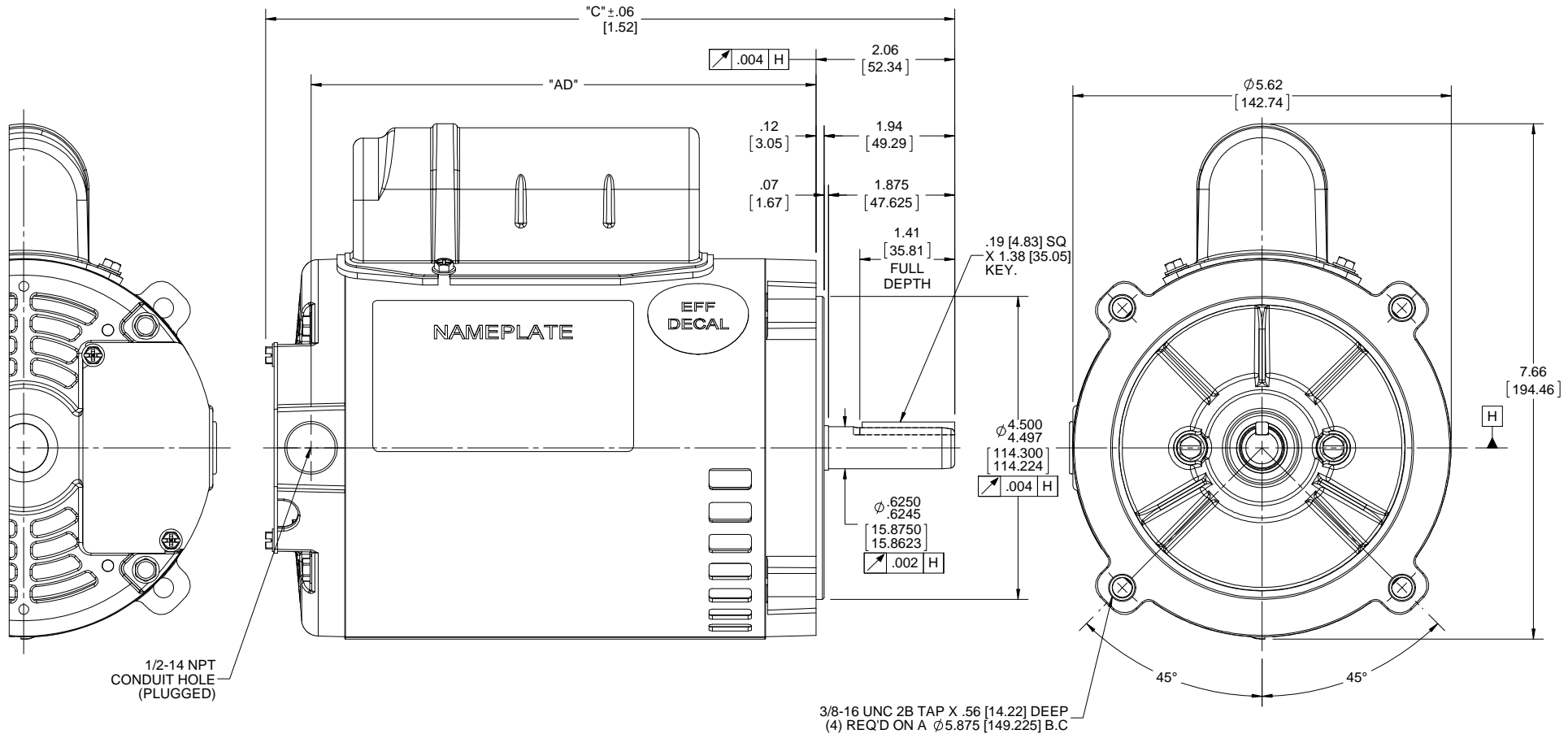
Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115 V
Current	5.1 A	Speed	1625 rpm
Service Factor	1	Phase	1
Efficiency	63.7 %	Duty	60 Minute
Insulation Class	B	Design Code	N
KVA Code	A	Frame	56C
Enclosure	Drip Proof	Overload Protector	Manual
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	22		

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	10.24 in	Frame Length	6.25 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	032130-625	Connection Diagram	005024.08

B

B



A

A

DASH NO	"C"	"AD"
625	10.24 [260.09]	7.50 [190.50]

4

DRAWING REVISION	REVISION BY	DATE
A		

ECO-0152983 APPROVED BY

ECO DESCRIPTION
OUTLINE CONVERSION PROJECT
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TOLERANCES UNLESS OTHERWISE SPECIFIED:				
DEC.	INCH	mm	ANGLE	
.X	±0.1	[±2.5]	±0.5°	
.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 [0.51] MACHINED SURFACES: 125/3.2 INCH/mm [BRACKETS]				

2

DRAWN BY	
A SUPPANAVAR	
DATE	08/31/2018
APPROVED BY	JD
DATE	09/19/2018
REFERENCE	031643
THIRD ANGLE PROJECTION	

DRAWING NUMBER	
032130	

Regal Beloit America, Inc.

DESCRIPTION
OUTLINE
 S56C FRAME "C" FACE MOUNT-DRIP PROOF

MATERIAL
 PROCESS/FINISH

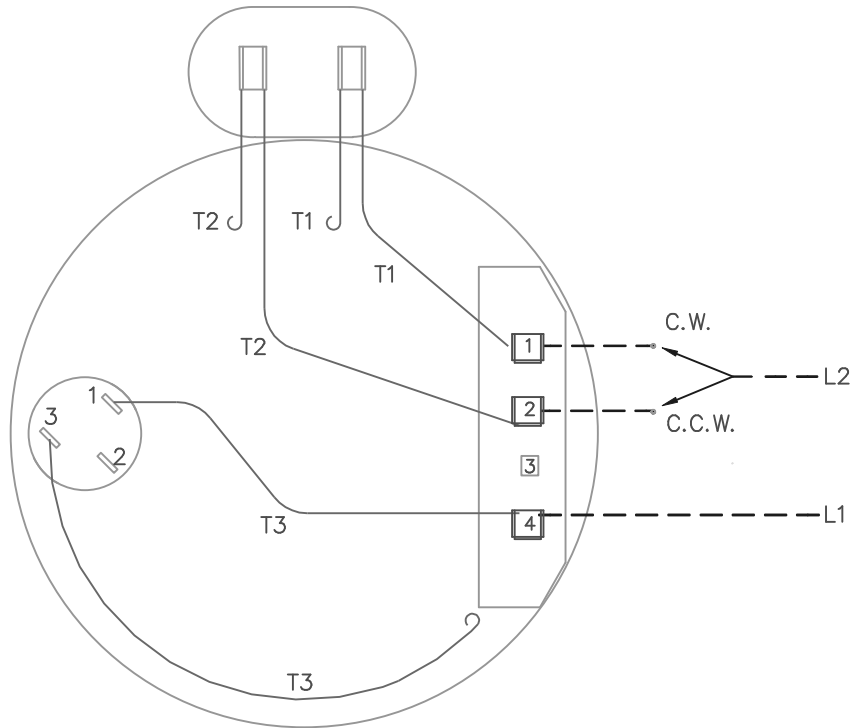
SIZE **B**

SHEET 1 OF 1

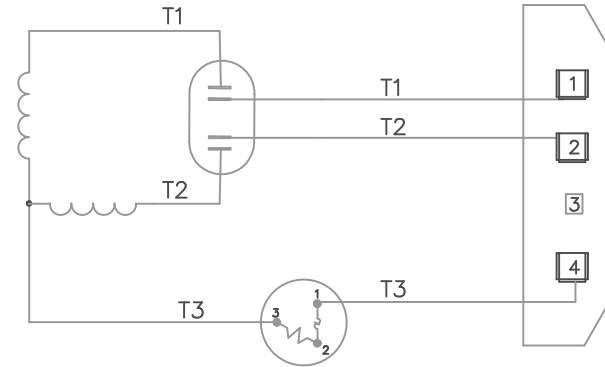
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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

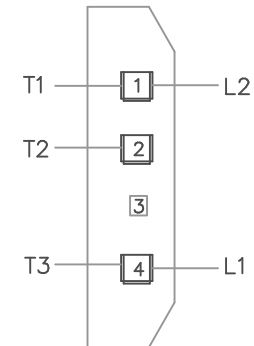
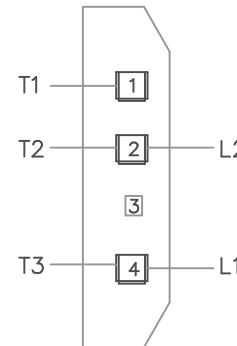


LINE LEADS



C.C.W. L.E.

C.W. L.E.



				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION			
				DECIMALS					
				.00	± .01	DRAWN DLL 11/30/82	TITLE EXTERNAL WIRING DIAGRAM		
				.000	± .005	CH'K'D. ADH 12/01/82	TYPE "P" W/PROTECTOR		
01	REDRAWN ON CAD	DBT	06/19/97	.0000	± .0005	APPR. JCW 12/01/82	MATL. DECAL - 080094		
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1	BRF		
				ANGLES	± 1/2"	REF. PG.5			
				INCH/MM		FMF 4P17DJ5	PARKING DEV.		005024-08

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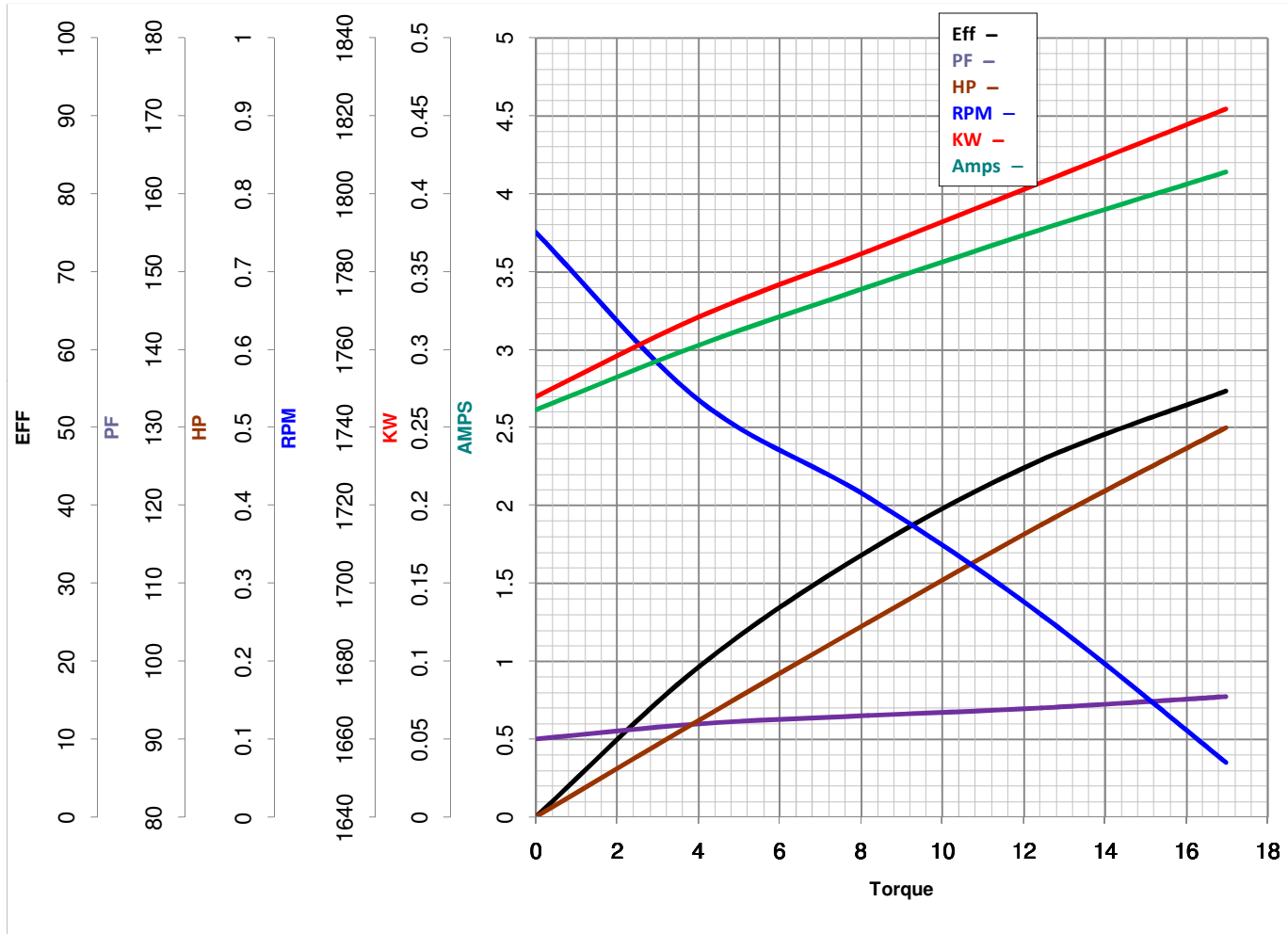


LEESON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 100704.00

Catalog No 100704.00

Curve at 115 Volts HP 0.50 PHASE 1
60 HZ
0.5 HP VOLTS 115
 HZ 60 RPM 1625



Torque in Oz.Ft

FL TORQUE 16.98 Oz.Ft
 BD TORQUE 37.3 Oz.Ft
 LR TORQUE 28.62 Oz.Ft

FL AMPS 5.1
 PU TORQUE 27.9 Oz.Ft
 LR AMPS 8.86

WINDING PE484452-1

Date 3/27/2018