

PRODUCT INFORMATION PACKET



Model No: C6T46DR4D

Catalog No: 111959.00

..3/4-1/3HP..1725/1140RPM.56H.DP.460V.3PH.60HZ.CONT.40C.1.0SF.RESIL.C6T46DR4D.....FAN & BLOWER.NOT.....

2 Speed



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Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	460 V
Current	1.4 A	Speed	1725 rpm
Service Factor	1	Phase	3
Efficiency	78.5 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	L	Frame	56H
Enclosure	Drip Proof	Overload Protector	No
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	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Resilient Base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	12.82 in	Frame Length	7.00 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	029055-700	Connection Diagram	005046.01

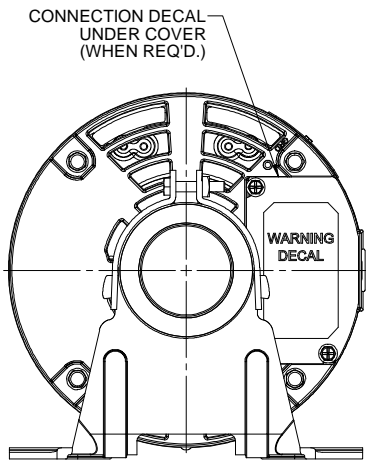
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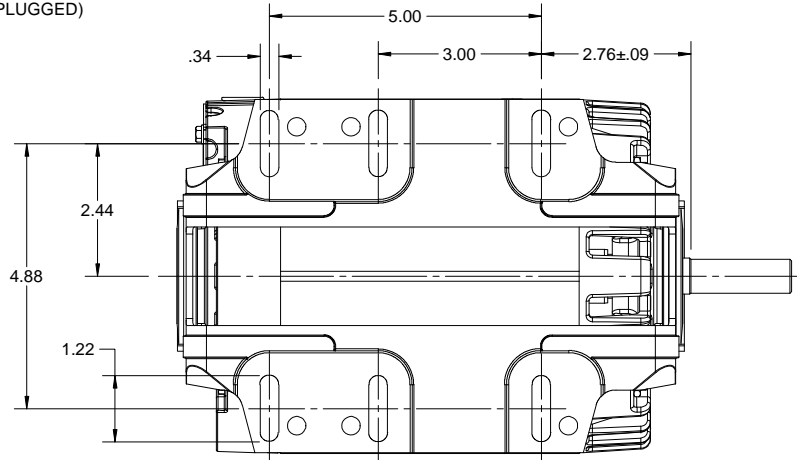
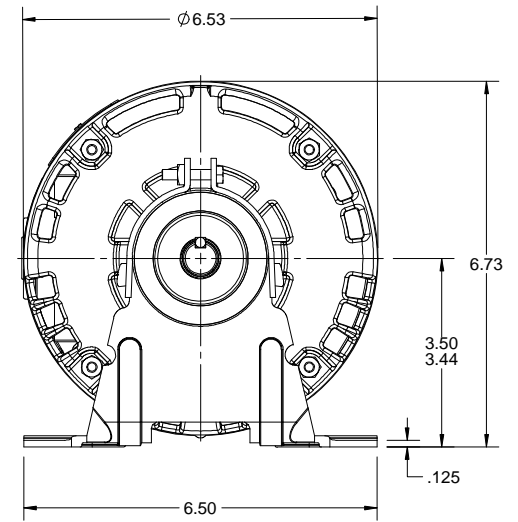
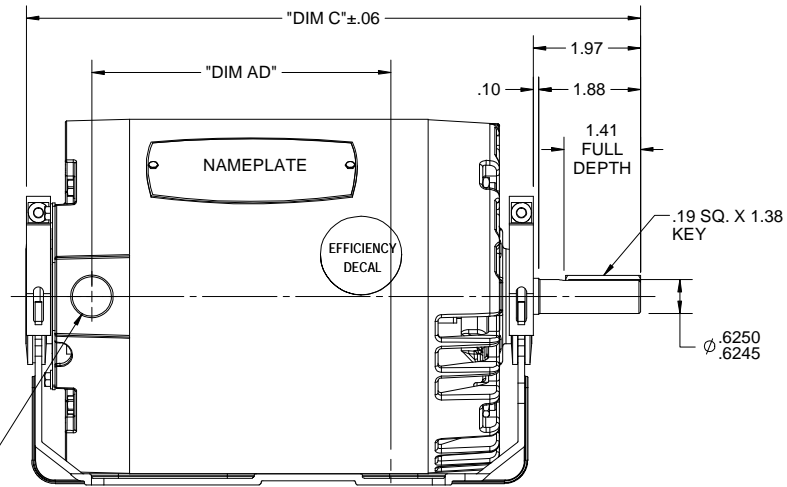
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1/2-14 NPT (PLUGGED)



DASH NO.	"DIM C"	"DIM AD"
-550	11.29	5.50
-600	11.79	6.00
-650	12.29	6.50
-700	12.79	7.00
-750	13.29	7.50

DRAWING REVISION A	REVISION BY P. GASSER	DATE 07/27/2017
ECO ECO-0128249	APPROVED BY	DATE
ECO DESCRIPTION RELEASED FOR PRODUCTION		
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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 [.076/.381] X 45°			
CORNER FILLETS: R.02 [.51]			
MACHINED SURFACES: 125/3.2			
mm SHOWN IN [BRACKETS]			

DRAWN BY P. GASSER
DATE 07/21/2017
APPROVED BY
DATE
REFERENCE
THIRD ANGLE PROJECTION

REGAL ™ Regal Beloit America, Inc.	
DESCRIPTION OUTLINE 56-FRAME, DRIP PROOF	
MATERIAL	PROCESS/FINISH
SIZE B	DRAWING NUMBER 029055
	SHEET 1 OF 1

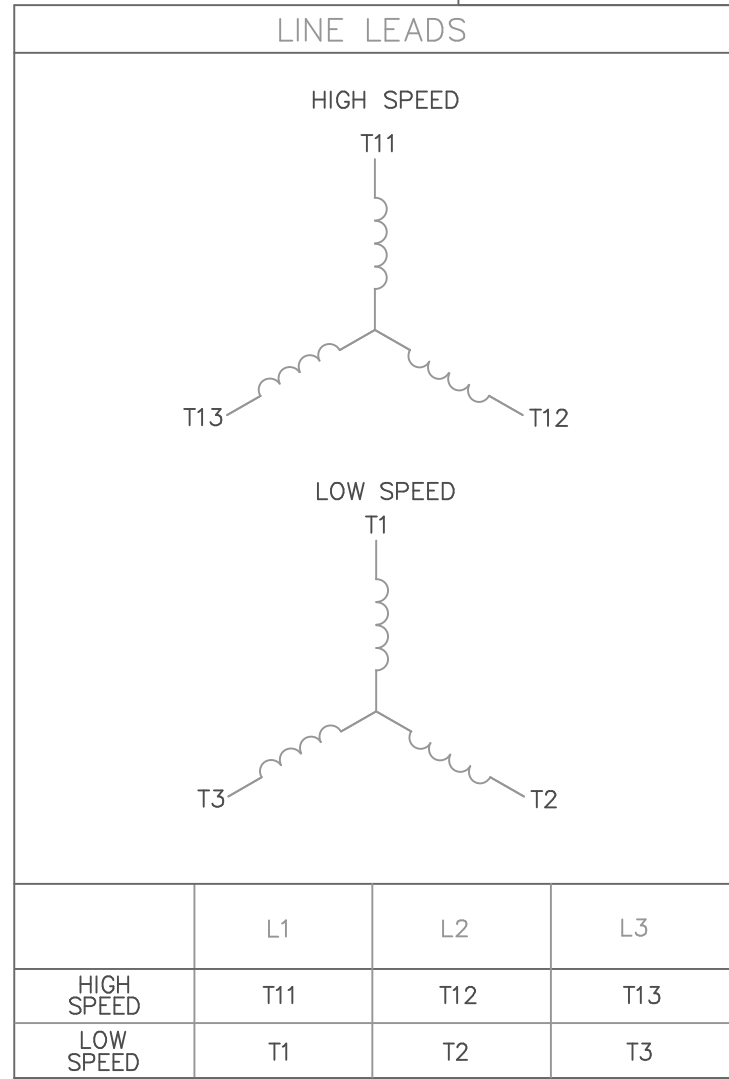
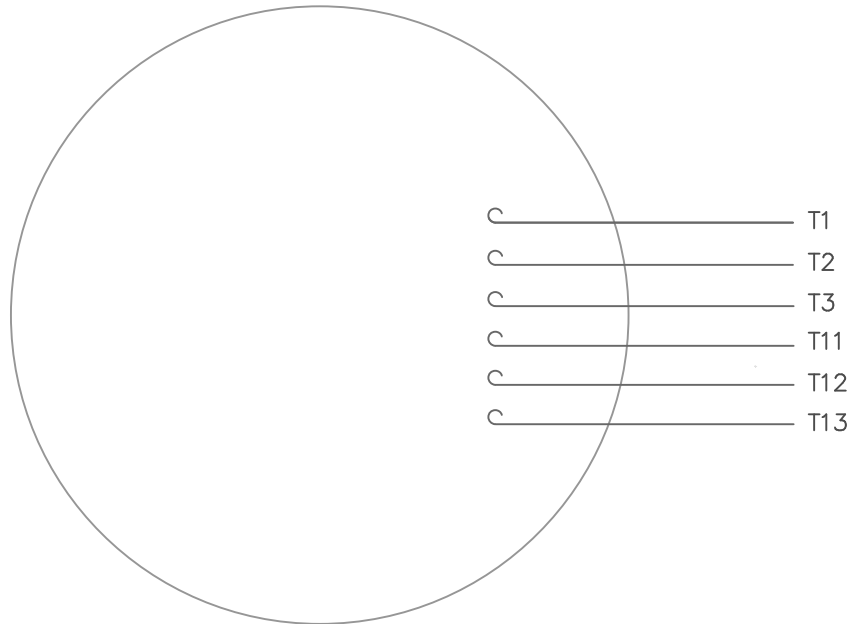
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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION				
				DECIMALS				EXTERNAL WIRING DIAGRAM		
				.00	± .01	DRAWN JRW 07/26/74		TYPE "T" W/O PROTECTOR		
				.000	± .005	CH'K'D. WRK 08/05/74		MAT'L.		
3	REDRAWN ON CAD		DBT	06/30/97	.0000	± .0005	APPR. TEM 08/05/74		DECAL - 004040	
NO.	REVISION		BY	DATE	FRACTIONS	± 1/64	SCALE 1=1		2WDG./2 SPEED 1Y-1Y	
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					ANGLES	± 1/2°	REF. WT6364		DRAWING NO.	
					INCH/MM		FMF 7464D13		FINISH	



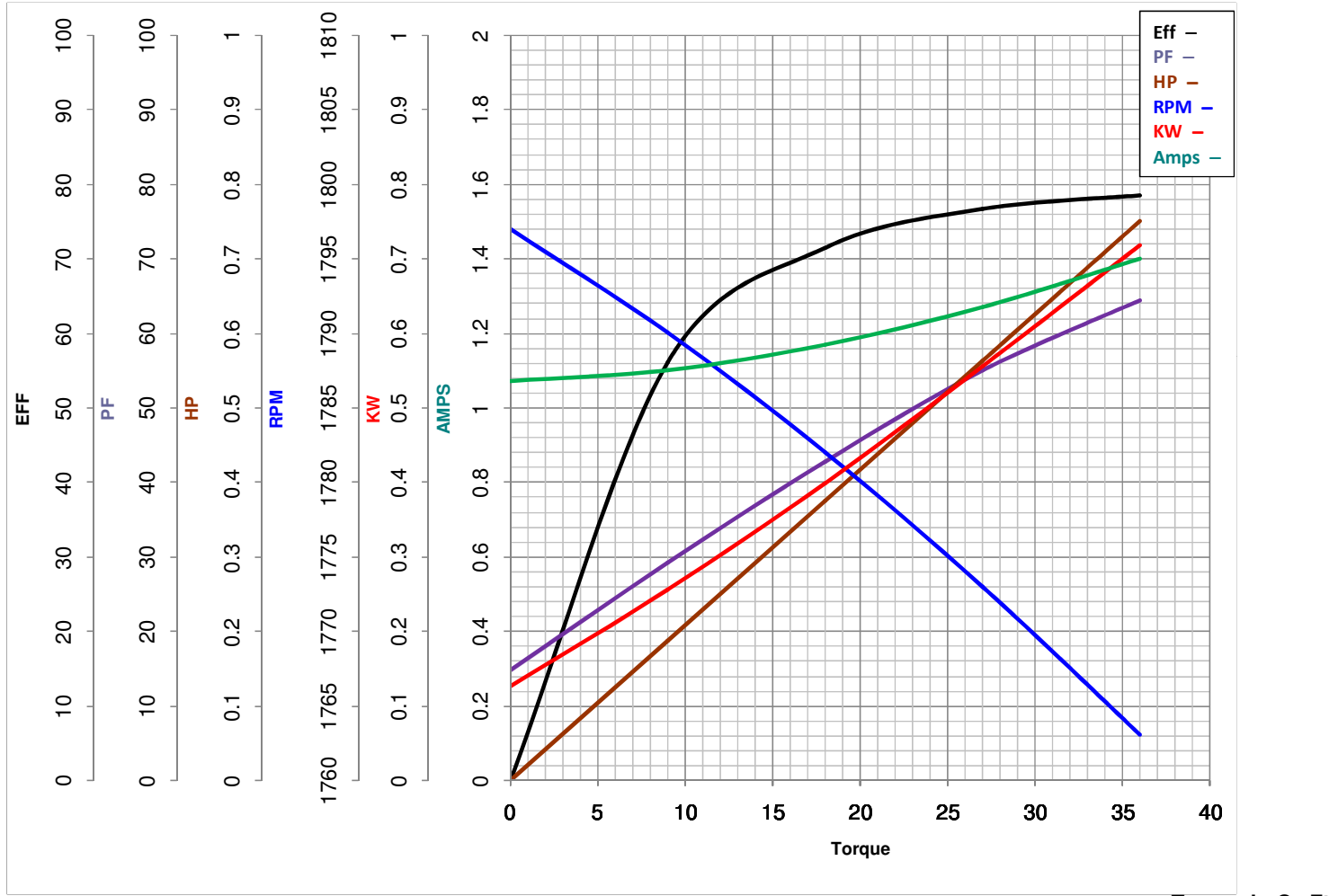
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 111959.00

Catalog No 111959.00

Curve at 460 Volts HP 0.75&0.33 PHASE 3
60 HZ
0.75 HP VOLTS 460&460

HZ 60&60 RPM 1725&1140



FL TORQUE	<u>36</u>	Oz.Ft	FL AMPS	<u>1.4</u>	
BD TORQUE	<u>134.0</u>	Oz.Ft	PU TORQUE	<u>97.5</u>	Oz.Ft
LR TORQUE	<u>120.9</u>	Oz.Ft	LR AMPS	<u>10.2</u>	
WINDING	<u>T63(4-6)23-2</u>		Date	<u>5/28/2018</u>	