

PRODUCT INFORMATION PACKET



Model No: C6T46DR2D

Catalog No: 111957.00

..1/2-.22HP..1725/1140RPM.56H.DP.460V.3PH.60HZ.CONT.40C.1.0SF.RESIL.C6T46DR2D.....FAN &
BLOWER.NOT.....

2 Speed



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REGAL



Nameplate Specifications

Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	460 V
Current	0.90 A	Speed	1725 rpm
Service Factor	1	Phase	3
Efficiency	77 %	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	12.32 in	Frame Length	6.50 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	029054-650	Connection Diagram	005046.01

4

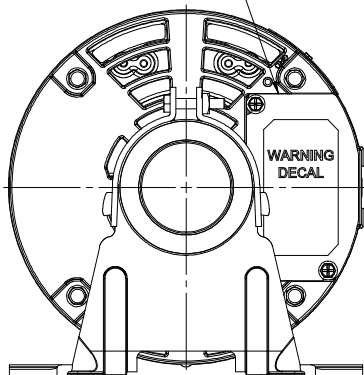
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Uncontrolled Copy

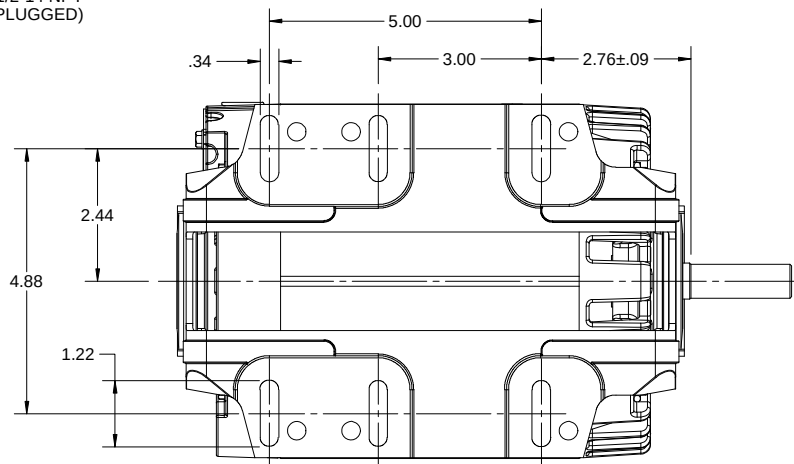
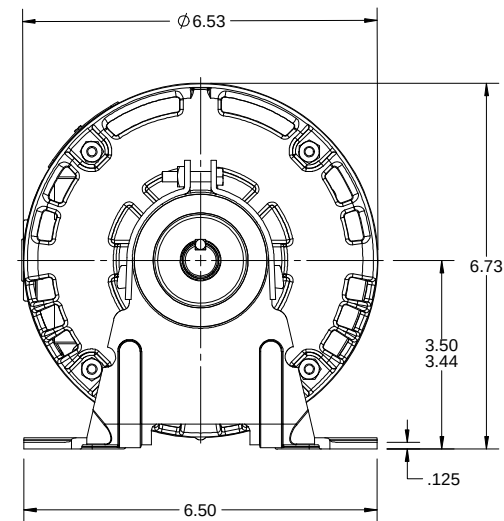
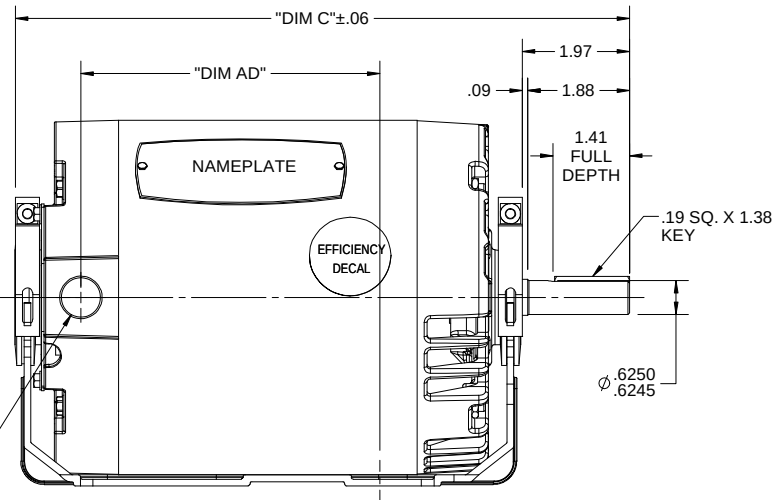
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1

CONNECTION DECAL
UNDER COVER
(WHEN REQ'D.)



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	REVISION BY	DATE
A	P. GASSER	
ECO-0128249	APPROVED BY	DATE
ECO DESCRIPTION		
RELEASED FOR PRODUCTION		
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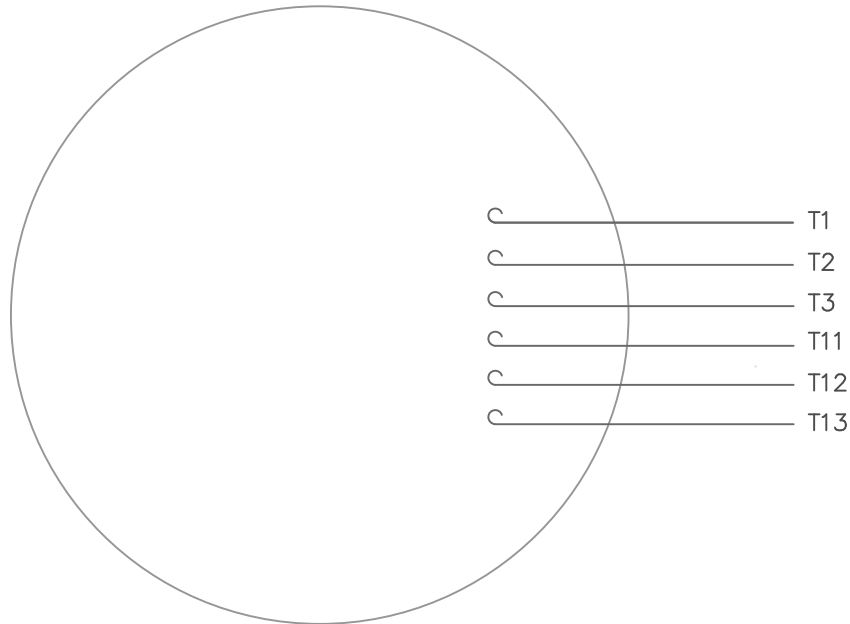
TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.03	[±0.76]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP			
EDGES: .003/.015 [.076/.381] X 45°			
CORNER FILLETS: R.02 [.51]			
MACHINED SURFACES: 125/3.2			
mm SHOWN IN [BRACKETS]			

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

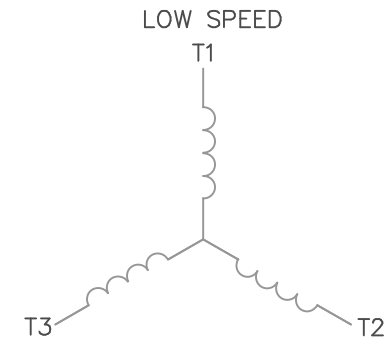
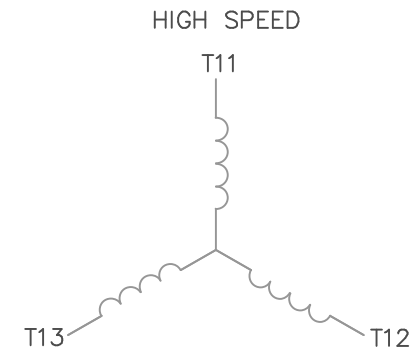
REGAL TM Regal Beloit America, Inc.	
DESCRIPTION	
OUTLINE	
56-FRAME, DRIP PROOF	
MATERIAL	PROCESS/FINISH
SIZE	DRAWING NUMBER
B	029054
SHEET	1 OF 1

005046-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



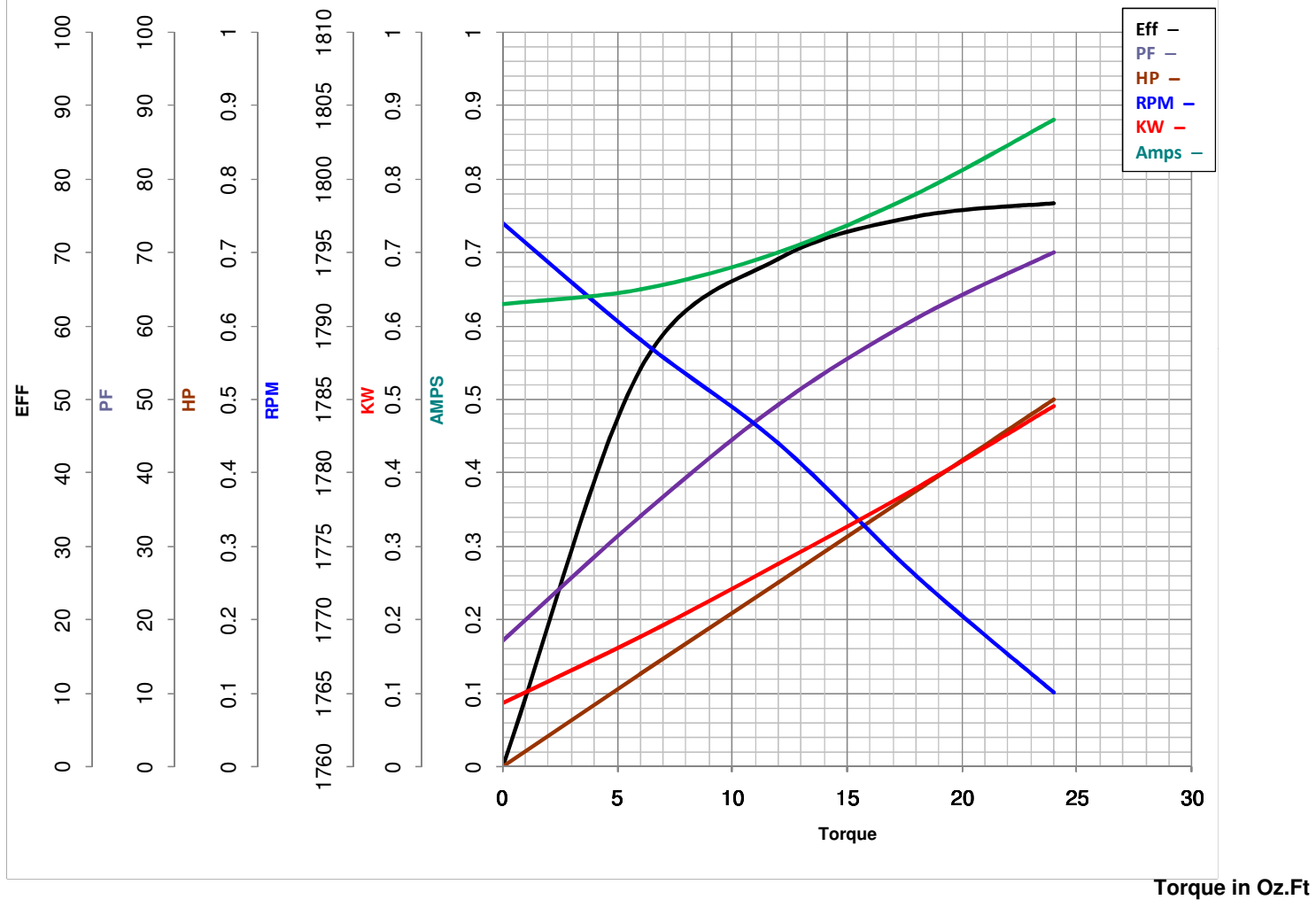
	L1	L2	L3
HIGH SPEED	T11	T12	T13
LOW SPEED	T1	T2	T3

				TOLERANCES UNLESS OTHERWISE SPECIFIED		LEESON ELECTRIC CORPORATION			
				DECIMALS					
				.00	± .01	DRAWN JRW 07/26/74	TITLE EXTERNAL WIRING DIAGRAM TYPE "T" W/O PROTECTOR		
				.000	± .005	CH'K'D. WRK 08/05/74			
3	REDRAWN ON CAD	DBT	06/30/97	.0000	± .0005	APPR. TEM 08/05/74	MAT'L. DECAL – 004040 2WDG./2 SPEED 1Y-1Y		
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	SCALE 1=1			
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	FINISH	SIZE	DRAWING NO.
				INCH/MM		FMF 7464D13		A	005046-01



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 111957.00Curve at 460
60
0.5Volts
HZ
HPHP 0.5&0.22PHASE 3VOLTS 460&460Catalog No 111957.00HZ 60&60RPM 1725&1140

FL TORQUE 24 Oz.Ft
 BD TORQUE 70.7 Oz.Ft
 LR TORQUE 48 Oz.Ft

FL AMPS 0.9
 PU TORQUE 34.7 Oz.Ft
 LR AMPS 5.26

WINDING T63(4-6)24-2

Date 5/28/2018