

# PRODUCT INFORMATION PACKET



Model No: C4T17FB9C

Catalog No: 101646.00

1/4HP..1725RPM.48.TEFC.208-230/460V.3PH.60HZ.CONT.NOT.40C.1.15SF.RIGID.GENERAL  
PURPOSE.C4T17FB9C

Totally Enclosed Fan Cooled (TEFC)



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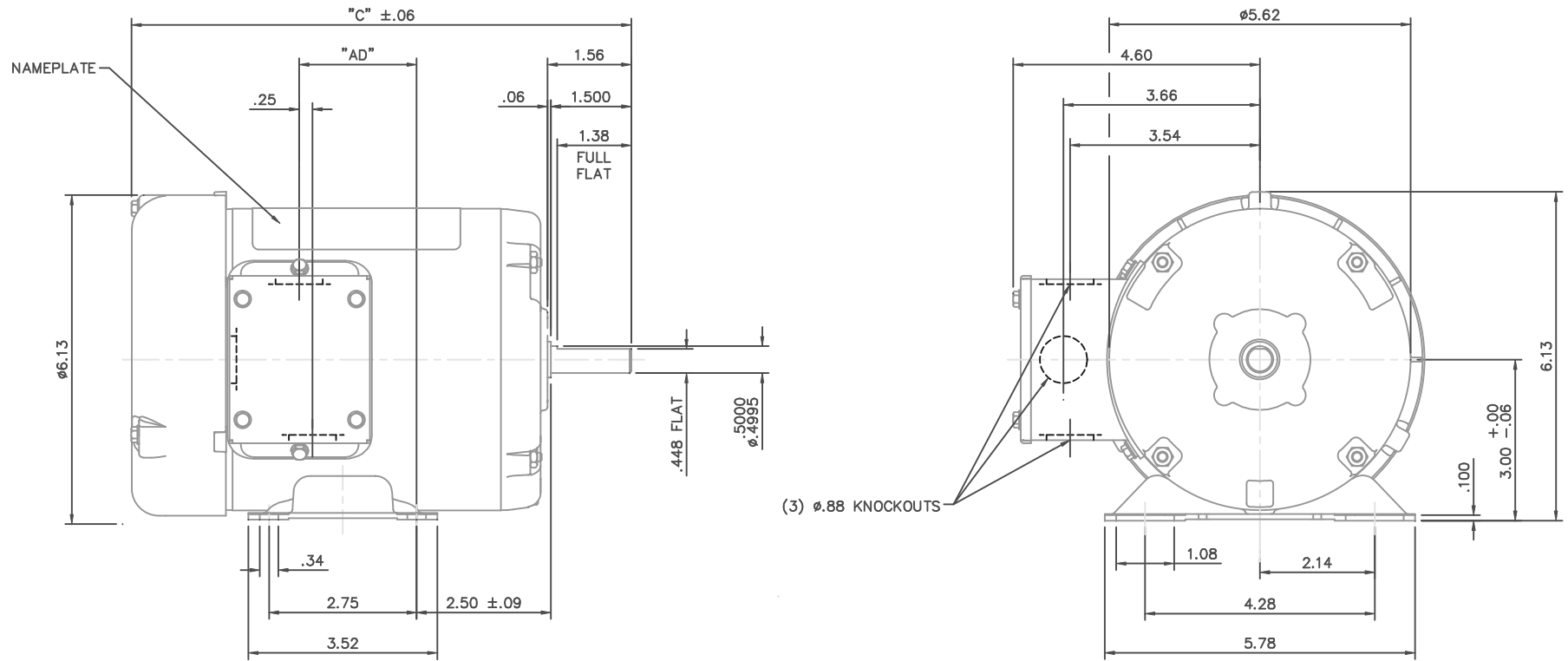
### Nameplate Specifications

Output HP	<b>0.25 Hp</b>	Output KW	<b>0.19 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230/460 V</b>
Current	<b>1.2-1.4/0.70 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>58 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>B</b>
KVA Code	<b>M</b>	Frame	<b>48</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Overload Protector	<b>No</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>43</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Reversible</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 48</b>
Overall Length	<b>9.31 in</b>	Frame Length	<b>5.00 in</b>
Shaft Diameter	<b>0.500 in</b>	Shaft Extension	<b>1.5 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>031634-500</b>	Connection Diagram	<b>005010.01</b>

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(3) ø.88 KNOCKOUTS

DASH NO.	"C"	"AD"
475	9.06	1.94
500	9.31	2.19
525	9.56	2.44
550	9.81	2.69
575	10.06	2.94
600	10.31	3.19
625	10.56	3.44
650	10.81	3.69
675	11.06	3.94

GASKETS THROUGHOUT

				TOLERANCES UNLESS OTHERWISE SPECIFIED		<b>LEESON ELECTRIC CORPORATION</b>			
				DEC.	INCHES				METRIC
				.X	±.1	±2.5	APPR.	TITLE	
				.XX	±.03	±.76	R.F.P.	OUTLINE -- 48 FRAME	
				.XXX	±.005	±.127	SCALE	RIGID MOUNT -- TEFC	
				.XXXX	±.0005	±.0127	1=2	MAT'L	
				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. THIS IS AN ELECTRONICALLY GENERATED DOCUMENT -- DO NOT SCALE THIS PRINT			FRACTIONS	REF.	REV.
							±1/64	030391	DRAWING NO.
							ANGLES	FMF	031634

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED		<b>Regal Beloit America, Inc.</b>		DRAWN RDW 04/12/02			
				DEC.	INCHES			CHK			
				.X	±.1			APPD			
				.XX	±.01			SCALE 1=1			
				.XXX	±.005	TITLE		REF FIG.2-51			
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L.		DECAL - 004014			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		PREV			
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 THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	04/12/02	CAD FILE		00501001	SIZE	DRAWING NO.	REV.
				DIST BRF-NLV				A	005010-01		A

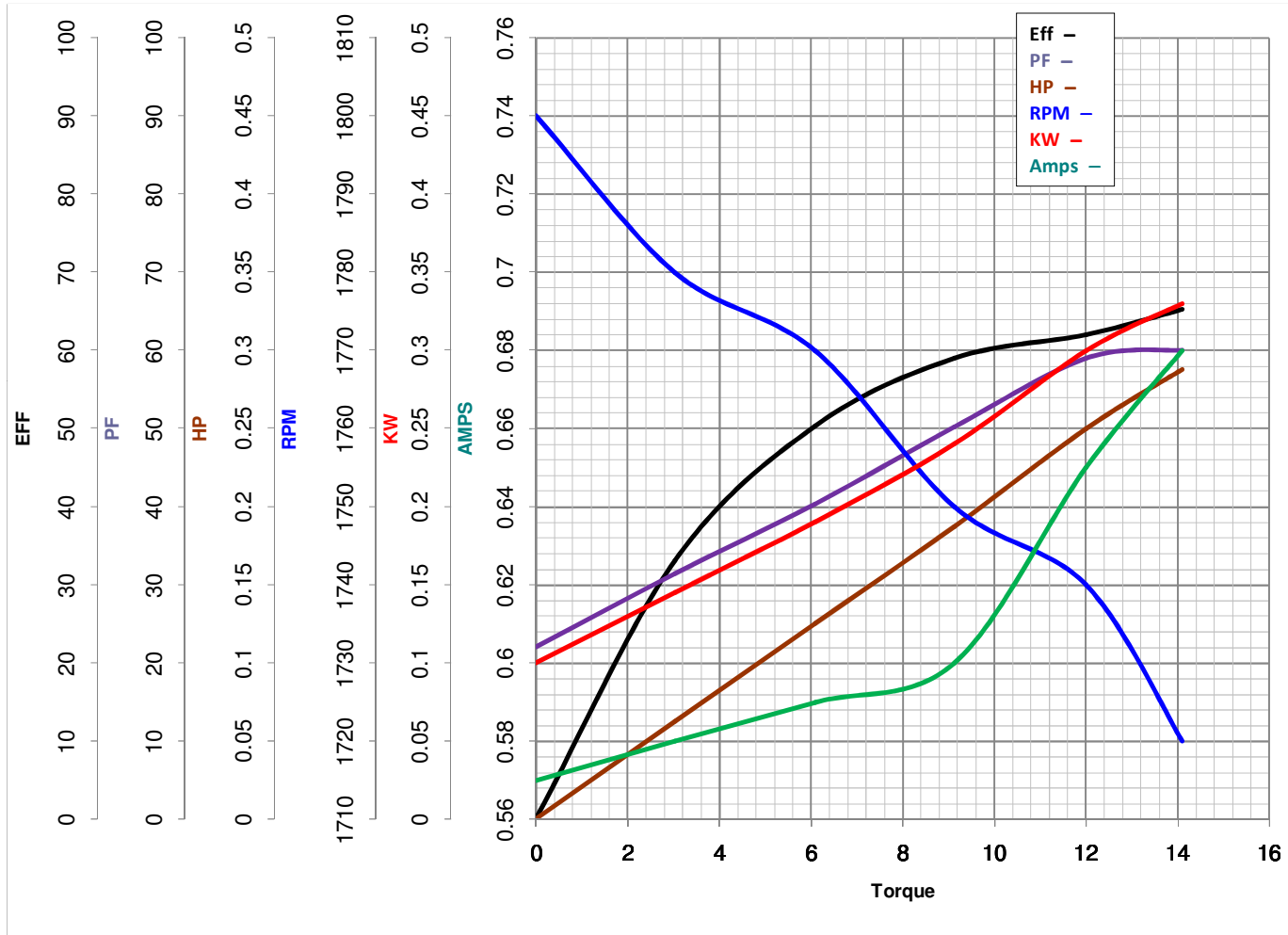


**LEESON ELECTRIC CORPORATION**  
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 101646.00

Catalog No 101646.00

Curve at 460 Volts      HP 0.25      PHASE 3  
60 HZ  
0.25 HP      VOLTS 208-230/460  
HZ 60      RPM 1725



Torque in Oz.Ft

FL TORQUE 12 Oz.Ft  
 BD TORQUE 56.0 Oz.Ft  
 LR TORQUE 48 Oz.Ft

FL AMPS 1.2-1.4/7  
 PU TORQUE 46.0 Oz.Ft  
 LR AMPS 3.3

WINDING TE48413-3

Date 5/23/2018