

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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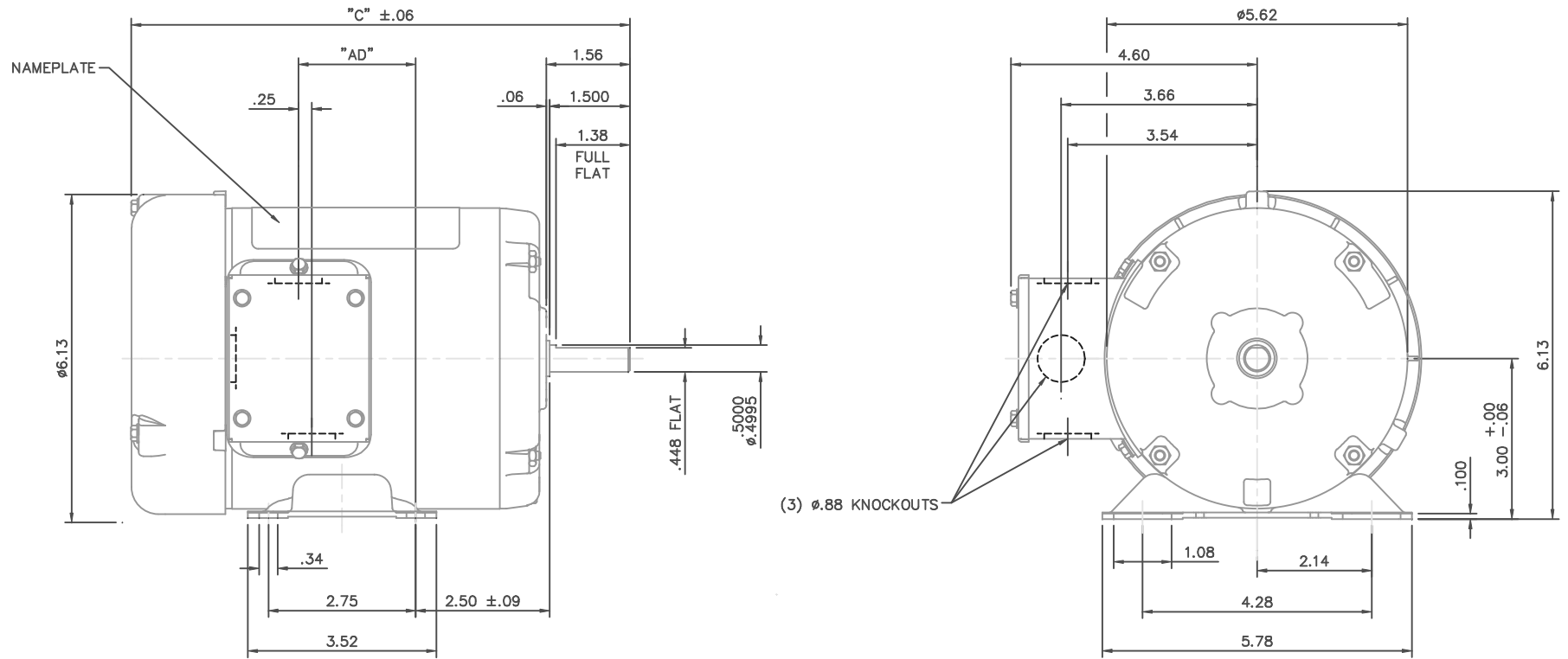


Nameplate Specifications

Output HP	0.25 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	1.2-1.4/0.70 A	Speed	1725 rpm
Service Factor	1.15	Phase	3
Efficiency	58 %	Duty	Continuous
Insulation Class	B	Design Code	B
KVA Code	M	Frame	48
Enclosure	Totally Enclosed Fan Cooled	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	43		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 48
Overall Length	9.31 in	Frame Length	5.00 in
Shaft Diameter	0.500 in	Shaft Extension	1.5 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	031634-500	Connection Diagram	005010.01



GASKETS THROUGHOUT

				TOLERANCES UNLESS OTHERWISE SPECIFIED			LEESON ELECTRIC CORPORATION				
				DEC.	INCHES	METRIC	DRAWN	PG 5/30/01	TITLE		
				.X	±.1	±2.5			OUTLINE -- 48 FRAME		
				.XX	±.03	±.76	APPR.		RIGID MOUNT -- TEFC		
				.XXX	±.005	±.127	R.F.P.		MAT'L 3 PHASE		
NO.	REVISION	BY & DATE	CH'K'D.	.XXXX	±.0005	±.0127	SCALE	1=2			
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	±1/64		REF.	030391	FINISH	REV.	DRAWING NO.
				ANGLES	±1/2°		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		Regal Beloit America, Inc.		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	FMF		
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

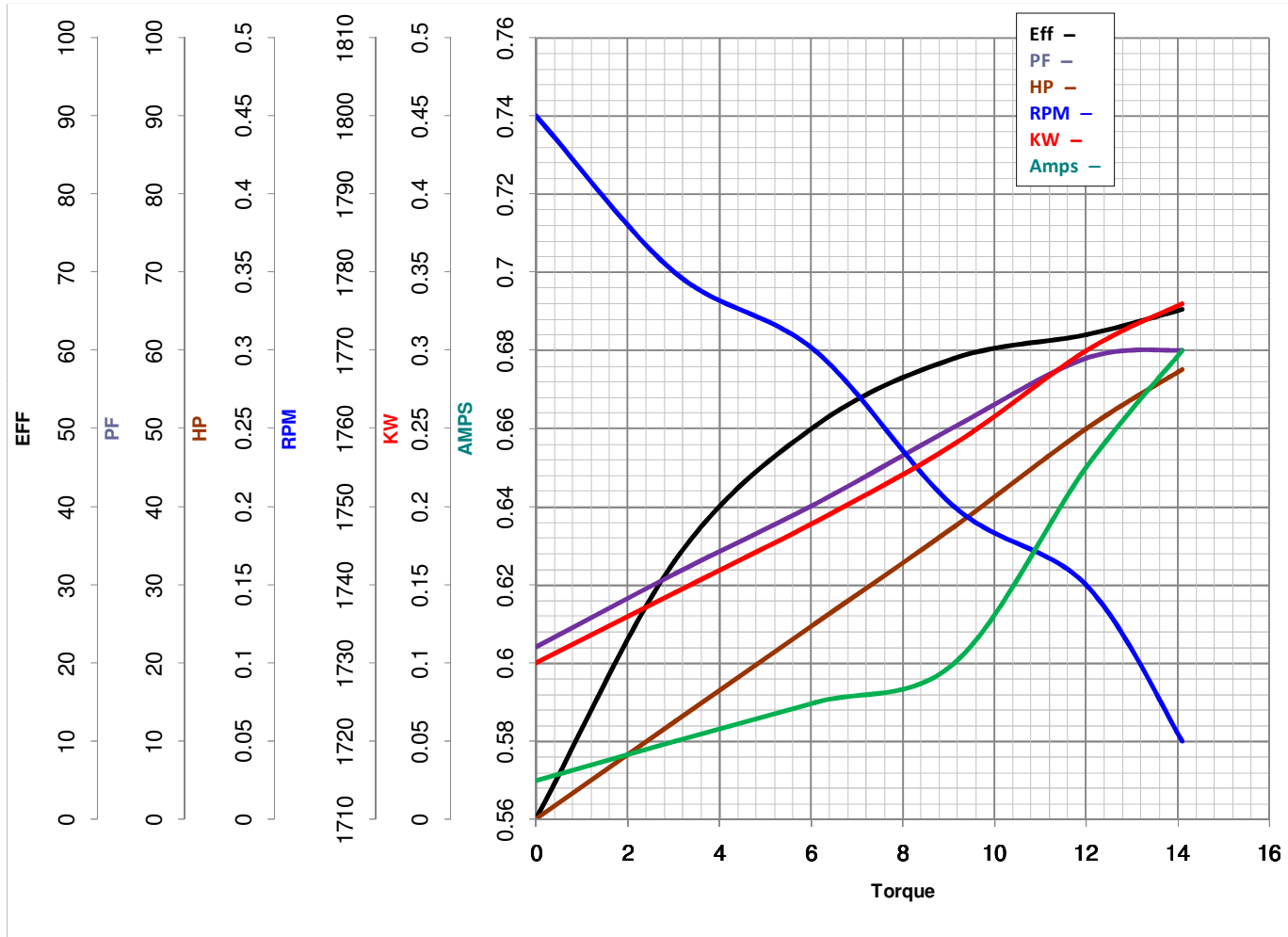


LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

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 1.2-1.4/1.7
 PU TORQUE 46.0 Oz.Ft
 LR AMPS 3.3

WINDING TE48413-3

Date 5/23/2018