

PRODUCT INFORMATION PACKET



Model No: M4C17FB10G

Catalog No: 101446.00

1/4HP..1725RPM.48.TEFC.115/208-230V.1PH.60HZ.CONT.MANUAL.40C.1.15SF.RIGID.GENERAL PURPOSE.M4C17FB10G

Totally Enclosed Fan Cooled (TEFC)



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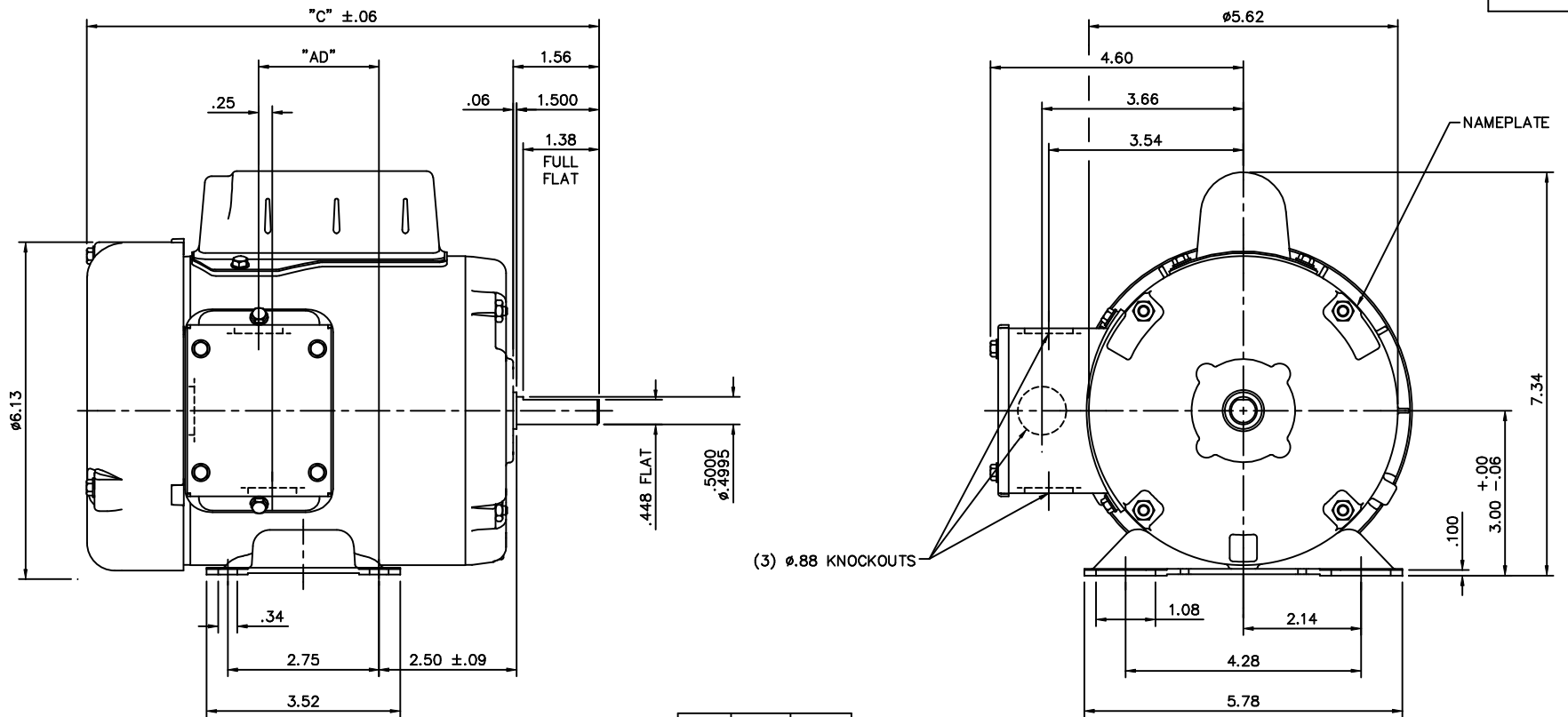
Nameplate Specifications

Output HP	0.25 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	5.4/2.4-2.7 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	56 %	Duty	Continuous
Insulation Class	B	Design Code	N
KVA Code	M	Frame	48
Enclosure	Totally Enclosed Fan Cooled	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	43		

Technical Specifications


Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
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	9.06 in	Frame Length	4.75 in
Shaft Diameter	0.500 in	Shaft Extension	1.5 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	031633-475	Connection Diagram	005003.52

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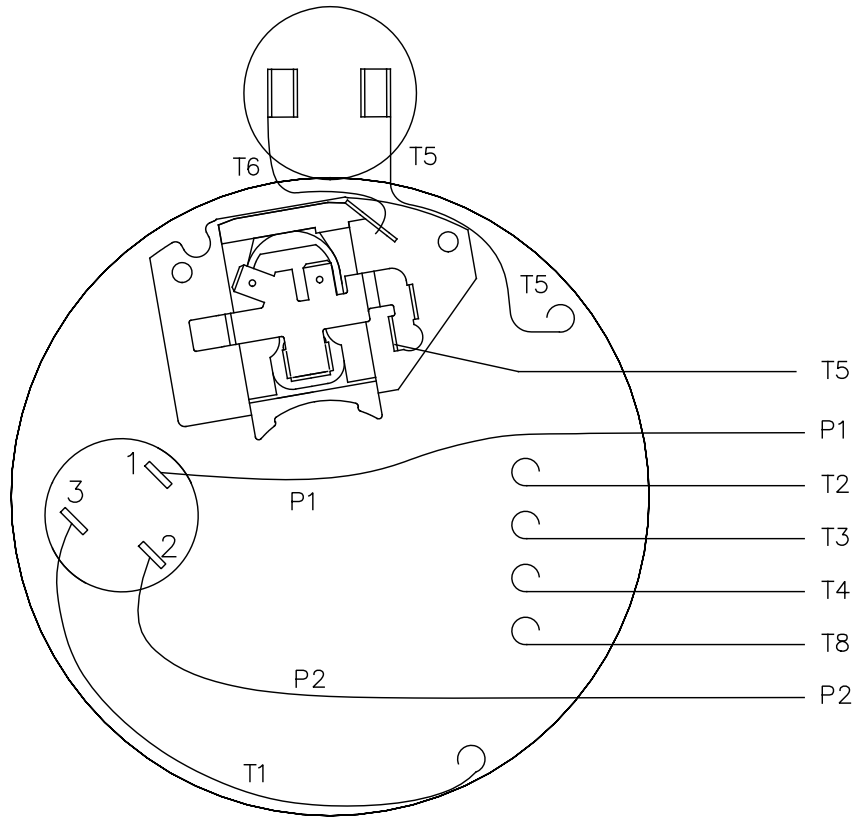


DASH NO.	"C"	"AD"
475	9.06	1.94
500	9.31	2.19
525	9.56	2.44
550	9.81	2.69
575	10.06	2.94
600	10.31	3.19
625	10.56	3.44
650	10.81	3.69
675	11.06	3.94
700	11.31	4.19
725	11.56	4.44

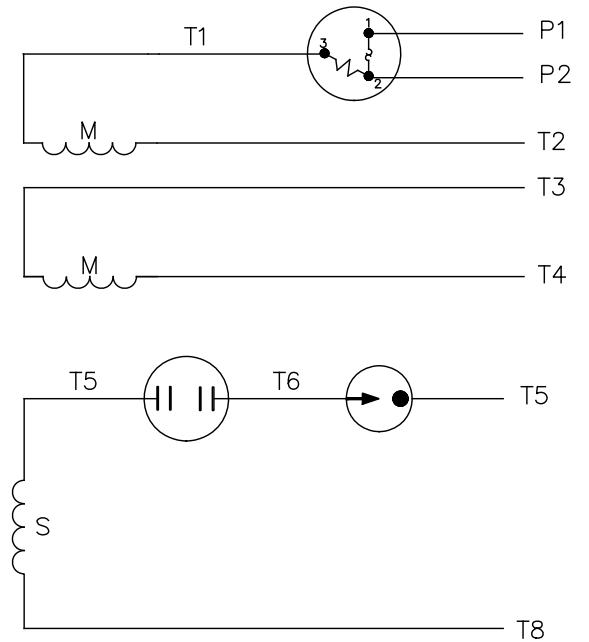
GASKETS THROUGHOUT

		TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN PG 5/30/01				
		DEC.	INCHES		CHK				
		.X	±.1		APPD				
		.XX	±.03	TITLE	SCALE	1=2			
02	ADDED DASH NO. 725 (PR040408)	KMM	7/30/04	.XXX	±.005	REF 030391			
01	ADDED DASH NO. 700 (PR030708)	PG	12/18/03	.XXXX	±.0005	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	CAD FILE	031633	SIZE B	DRAWING NO. 031633	REV. 02
				DIST					

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



	ROTATION FACING LEAD END	L1	L2	JOIN	INSULATE SEPARATELY
HIGH VOLT	C.C.W.	P1	T4 T5	T2, T3 T8	P2
	C.W.	P1	T4 T8	T2, T3 T5	P2
LOW VOLT	C.C.W.	P1	T2, T4 T5	P2, T3 T8	--
	C.W.	P1	T2, T4 T8	P2, T3 T5	--

		TOLERANCES UNLESS SPECIFIED		REGAL™ Regal Beloit America, Inc.		DRAWN PG 6/8/01			
		DEC.	INCHES			CHK			
		.X	±.1			APPD			
		.XX	±.01	TITLE		SCALE 1=1			
02	CHANGED CAMPANY LOGO ONLY	AS	11/08/16	.XXX	±.005	REF 005003-01			
01	MOVED T5 TO "INSIDE" SWITCH TERMINAL	PG	8/2/01	CD	.XXXX ±.0005	FMF 100002			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	PREV			
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				DIST			A	005003-52	02

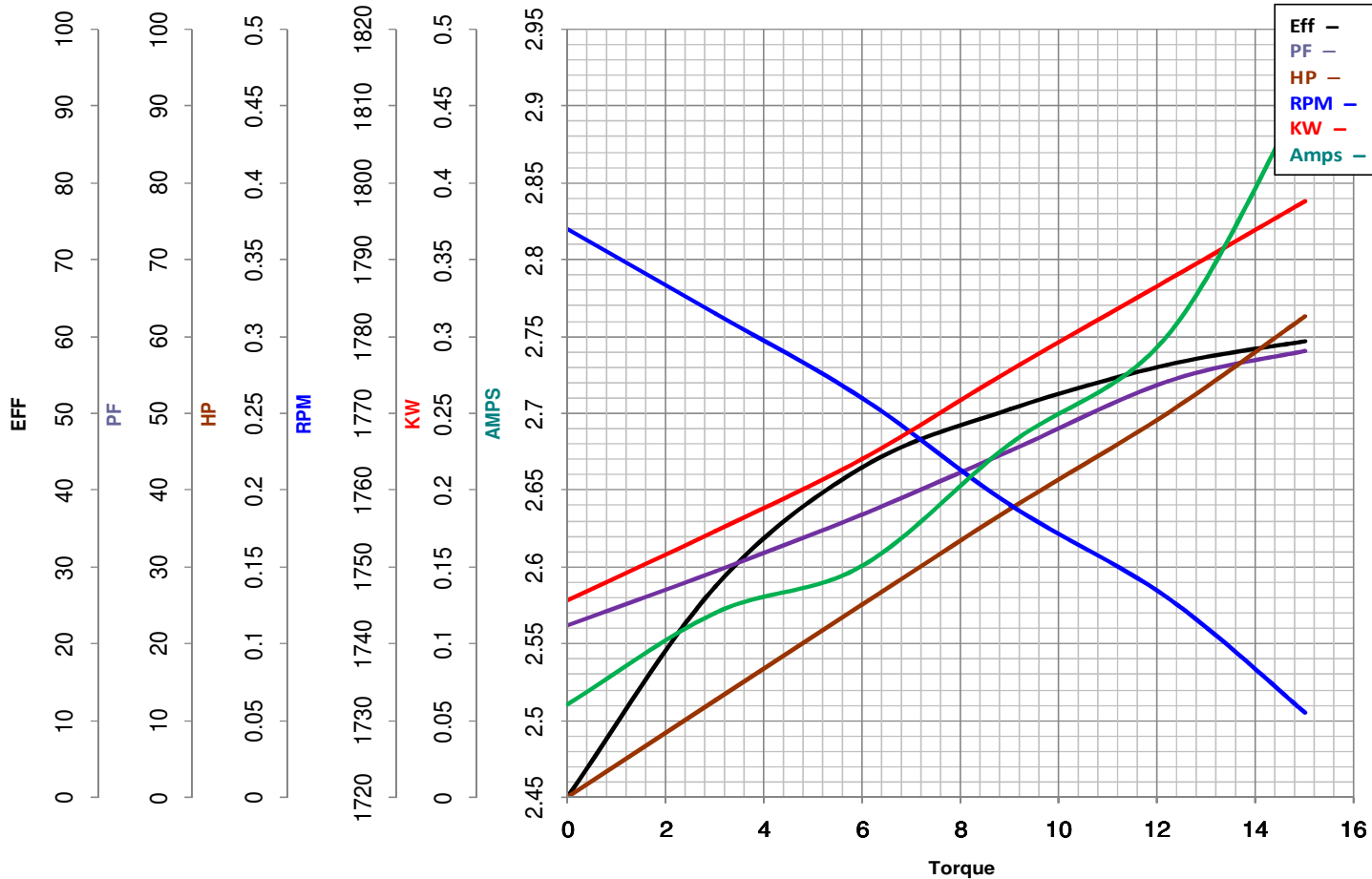


LEESON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 101446.00

Catalog No 101446.00

Curve at 230 Volts HP 0.25 PHASE 1
60 HZ
0.25 HP VOLTS 115/208-230
HZ 60 RPM 1725



FL TORQUE	<u>12.2</u> Oz.Ft	FL AMPS	<u>5.4/2.4-2.7</u>
BD TORQUE	<u>37.8</u> Oz.Ft	PU TORQUE	<u>36.5</u> Oz.Ft
LR TORQUE	<u>43.6</u> Oz.Ft	LR AMPS	<u>11.5</u>
WINDING	CE484211-3	Date	7/16/2018