

# PRODUCT INFORMATION PACKET



Model No: M4C17FK7A

Catalog No: 103082.00

1/3HP..1725RPM.48.TEFC.115/208-230V.1PH.60HZ.CONT.MANUAL.40C.1.15SF.RIGID.GENERAL  
PURPOSE.M4C17FK7A

Totally Enclosed Fan Cooled (TEFC)



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### Nameplate Specifications

Output HP	<b>0.33 Hp</b>	Output KW	<b>0.25 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/208-230 V</b>
Current	<b>6.2/2.9-3.1 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>61 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>N</b>
KVA Code	<b>M</b>	Frame	<b>S56C</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Overload Protector	<b>Manual</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>		

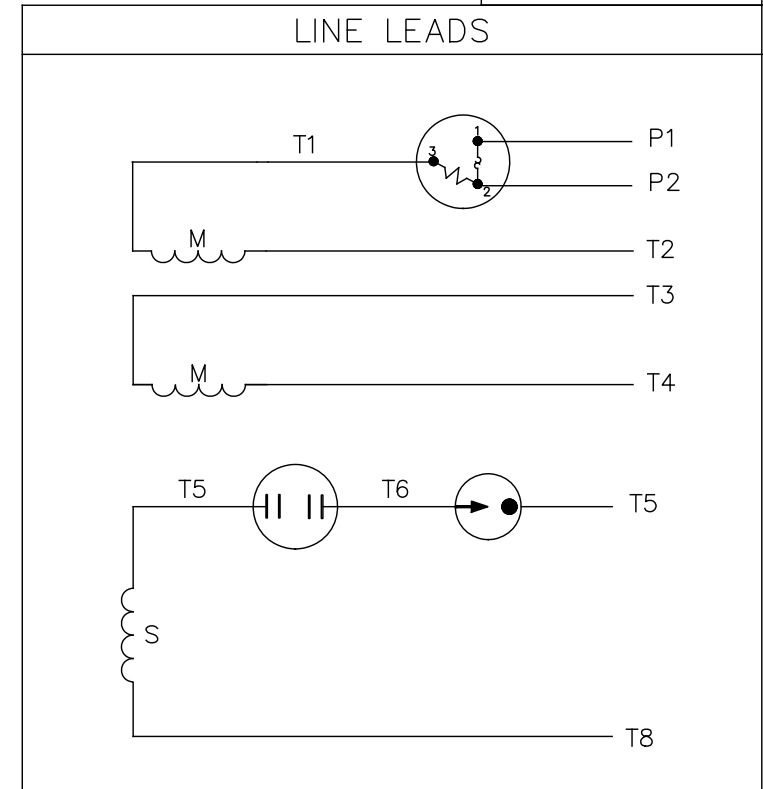
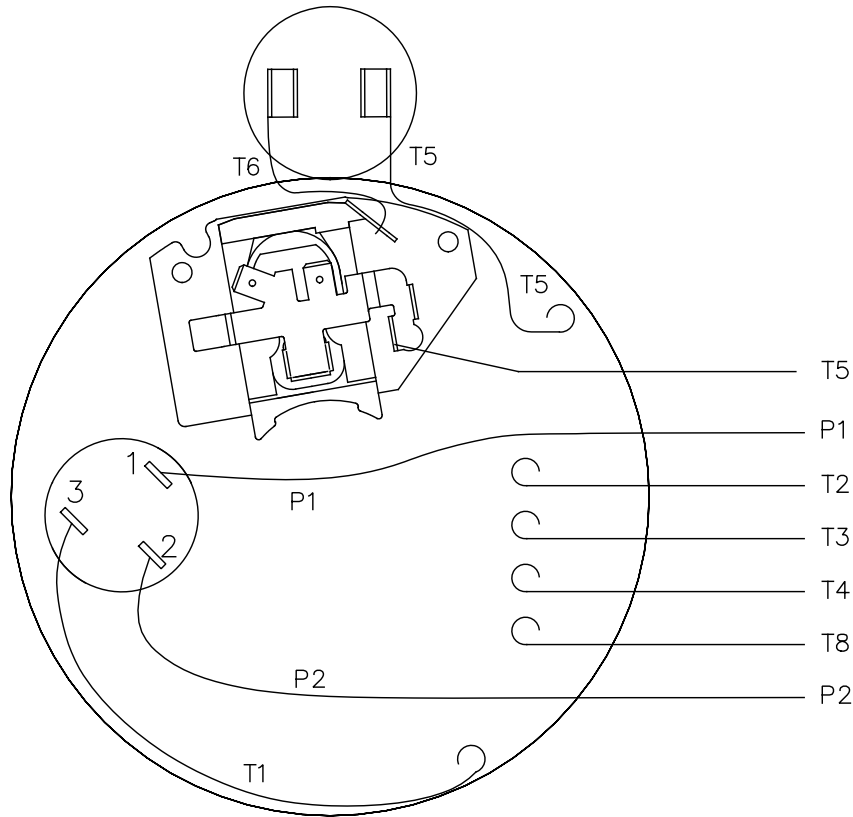
### Technical Specifications

Electrical Type	<b>Capacitor Start Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Selective Counterclockwise</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>T</b>
Overall Length	<b>10.44 in</b>	Frame Length	<b>5.75 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>1.88 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>031765-575</b>	Connection Diagram	<b>005003.52</b>

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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



	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			
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	00500352	SIZE	DRAWING NO.	REV.
				DIST			A	005003-52	02

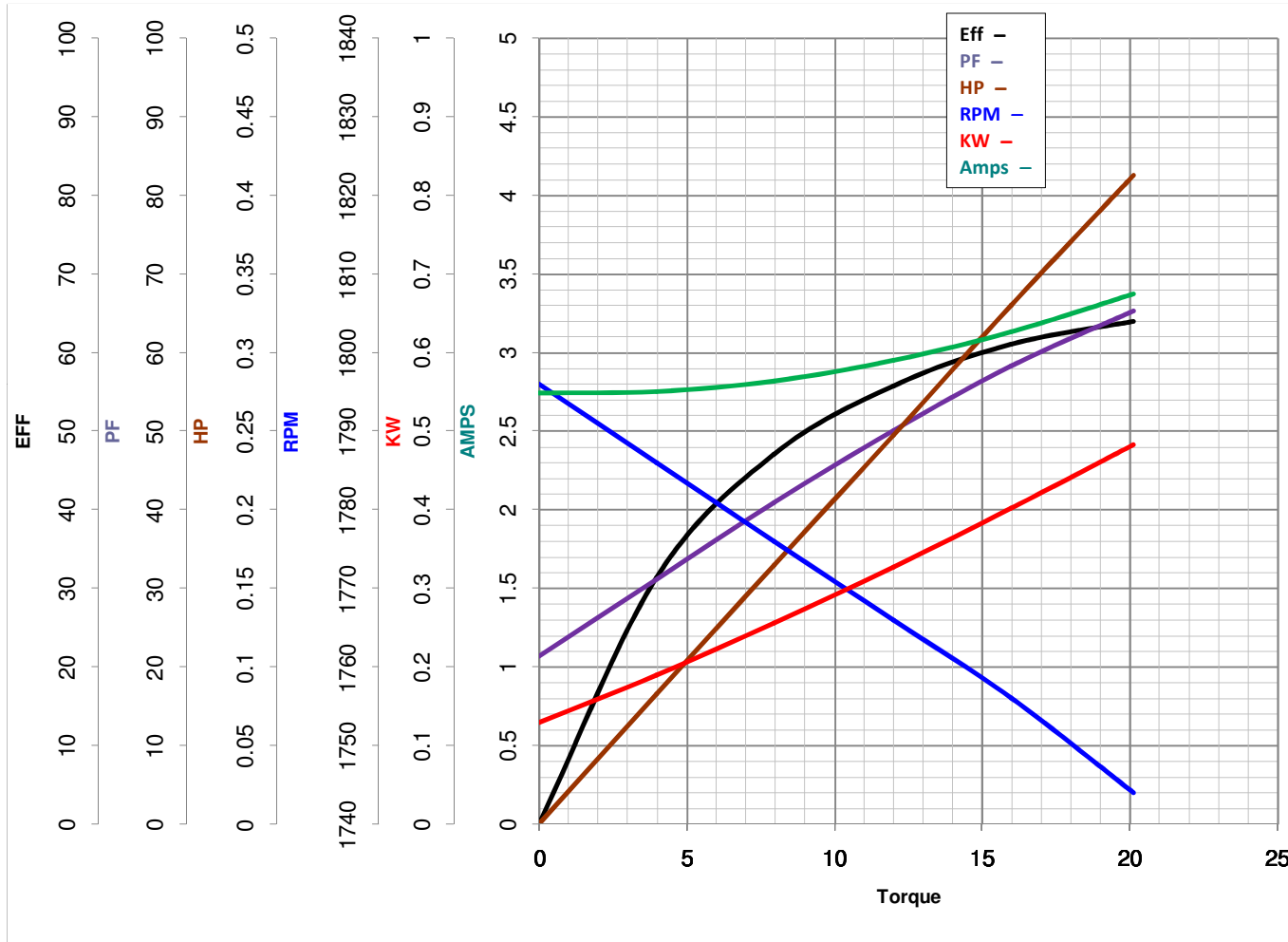


**LEESON ELECTRIC CORPORATION**  
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 103082.00

Catalog No 103082.00

Curve at 230 Volts      HP 0.34      PHASE 1  
60 HZ  
0.33 HP      VOLTS 115/208-230  
HZ 60      RPM 1725



Torque in Oz.Ft

FL TORQUE 15.98 Oz.Ft  
 BD TORQUE 48.9 Oz.Ft  
 LR TORQUE 64.53 Oz.Ft

FL AMPS 6.2/2.9-3.1  
 PU TORQUE 51.6 Oz.Ft  
 LR AMPS 14.5

WINDING CE484242-3

Date 3/13/2018