

# PRODUCT INFORMATION PACKET



Model No: C4C17FC10C

Catalog No: 101765.00

1/4HP..1725RPM.48.TEFC.115/208-230V.1PH.60HZ.CONT.NOT.40C.1.15SF.ROUND.GENERAL  
PURPOSE.C4C17FC10C

Totally Enclosed Fan Cooled (TEFC)



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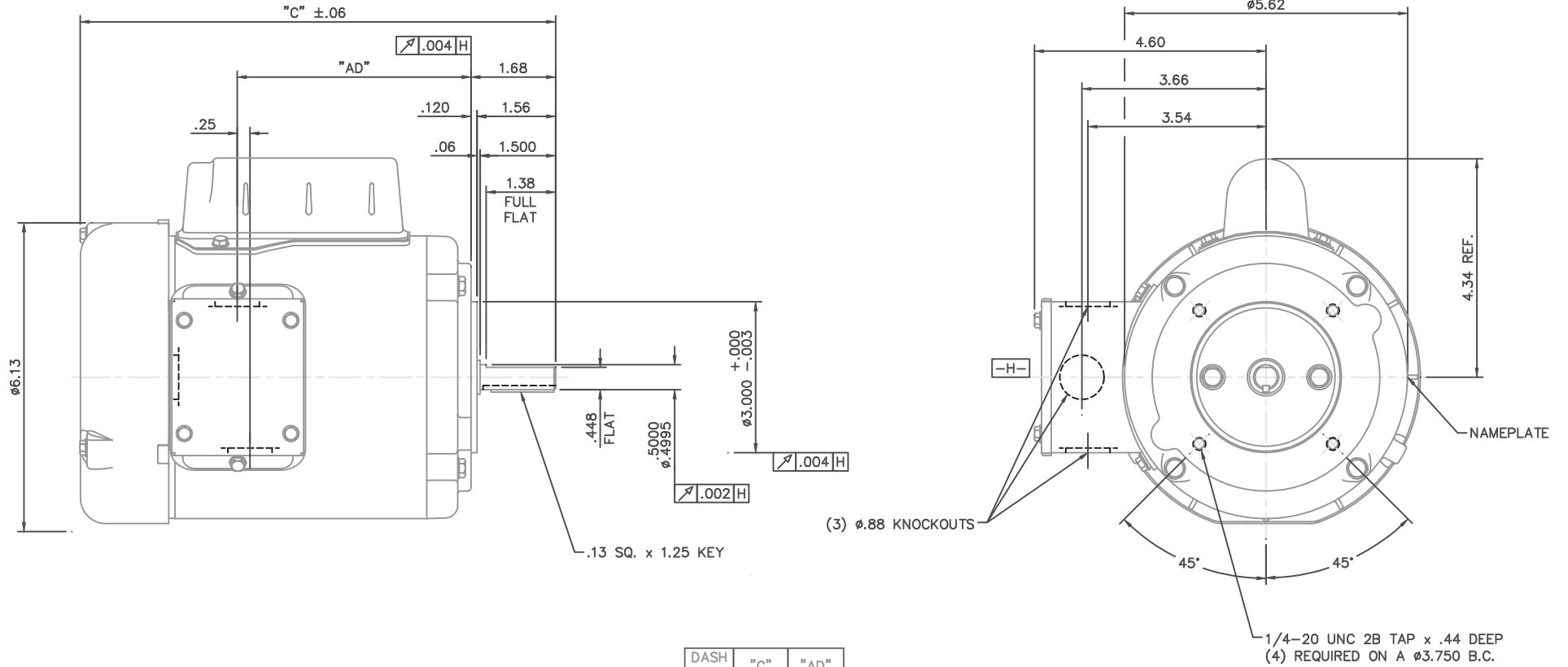
### Nameplate Specifications

Output HP	<b>0.25 Hp</b>	Output KW	<b>0.19 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/208-230 V</b>
Current	<b>5.4/2.4-2.7 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>56 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>N</b>
KVA Code	<b>M</b>	Frame	<b>48CZ</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>Capacitor Start Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Selective Counterclockwise</b>
Mounting	<b>Round</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>9.19 in</b>	Frame Length	<b>4.75 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>031700-475</b>	Connection Diagram	<b>005005.44</b>

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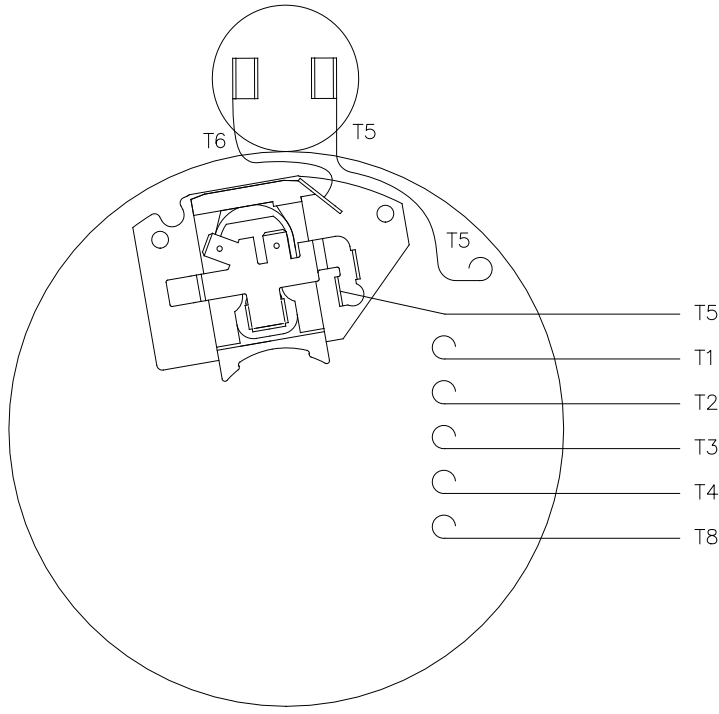


DASH NO.	"C"	"AD"
450	8.94	4.14
475	9.19	4.39
500	9.44	4.64
525	9.69	4.89
550	9.94	5.14
575	10.19	5.39
600	10.44	5.64
625	10.69	5.89
650	10.94	6.14
675	11.19	6.39

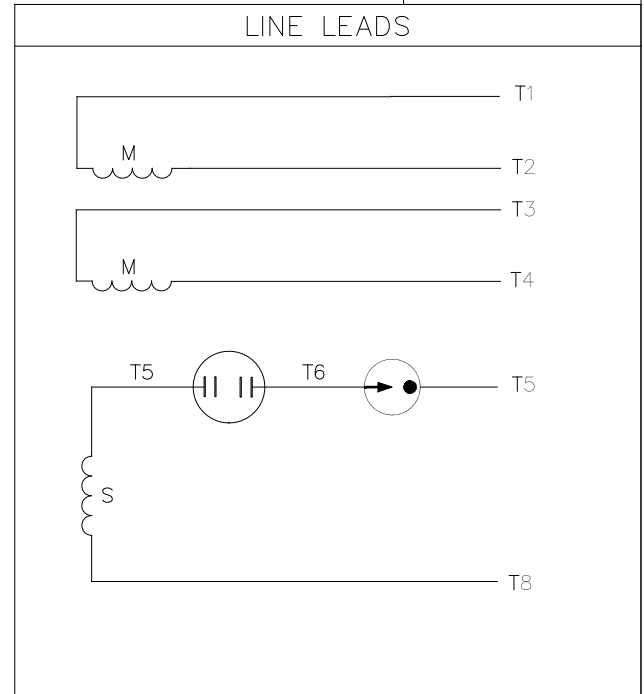
GASKETS THROUGHOUT

NO.		REVISION		BY & DATE		TOLERANCES UNLESS SPECIFIED		LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN KMM 07/15/02	
						DEC.	INCHES	TITLE		CHK	
						.X	±.1	OUTLINE - 48CZ FRAME		APPD	
						.XX	±.03	"C" FACE MOUNT - TEFC		SCALE	1=2
						.XXX	±.005	1 PHASE		REF	031699
						.XXXX	±.0005			FMF	101765
						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	031700	SIZE	DRAWING NO.
						DIST				B	031700
											REV.


005005-44



VIEW FROM OUTSIDE OF MOTOR AT SWITCH END



	ROTATION FACING LEAD END	L1	L2	JOIN
HIGH VOLT	C.C.W.	T1	T4, T5	T2, T3 T8
	C.W.	T1	T4, T8	T2, T3 T5
LOW VOLT	C.C.W.	T1 T3, T8	T2, T4 T5	
	C.W.	T1 T3, T5	T2, T4 T8	

				TOLERANCES UNLESS OTHERWISE SPECIFIED			 <b>Regal Beloit America, Inc.</b>	
				DEC.	INCHES	METRIC		
				.X	±.1	±2.5	DRAWN PG 5/7/01	TITLE EXTERNAL WIRING DIAGRAM TYPE "C" W/O PROTECTOR
				.XX	±.01	±.25	APPR.	MAT'L. DUAL VOLTAGE - DUAL ROTATION
01	MOVED T5 TO "INSIDE" SWITCH TERMINAL	PG 8/2/01		.XXX	±.005	±.127	R.F.P.	
NO.	REVISION	BY & DATE	CH'K'D.	.XXXX	±.0005	±.0127	SCALE 5=8	
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. 005005-01	FINISH
				ANGLES	±1/2'		FMF 100006	REV. 01

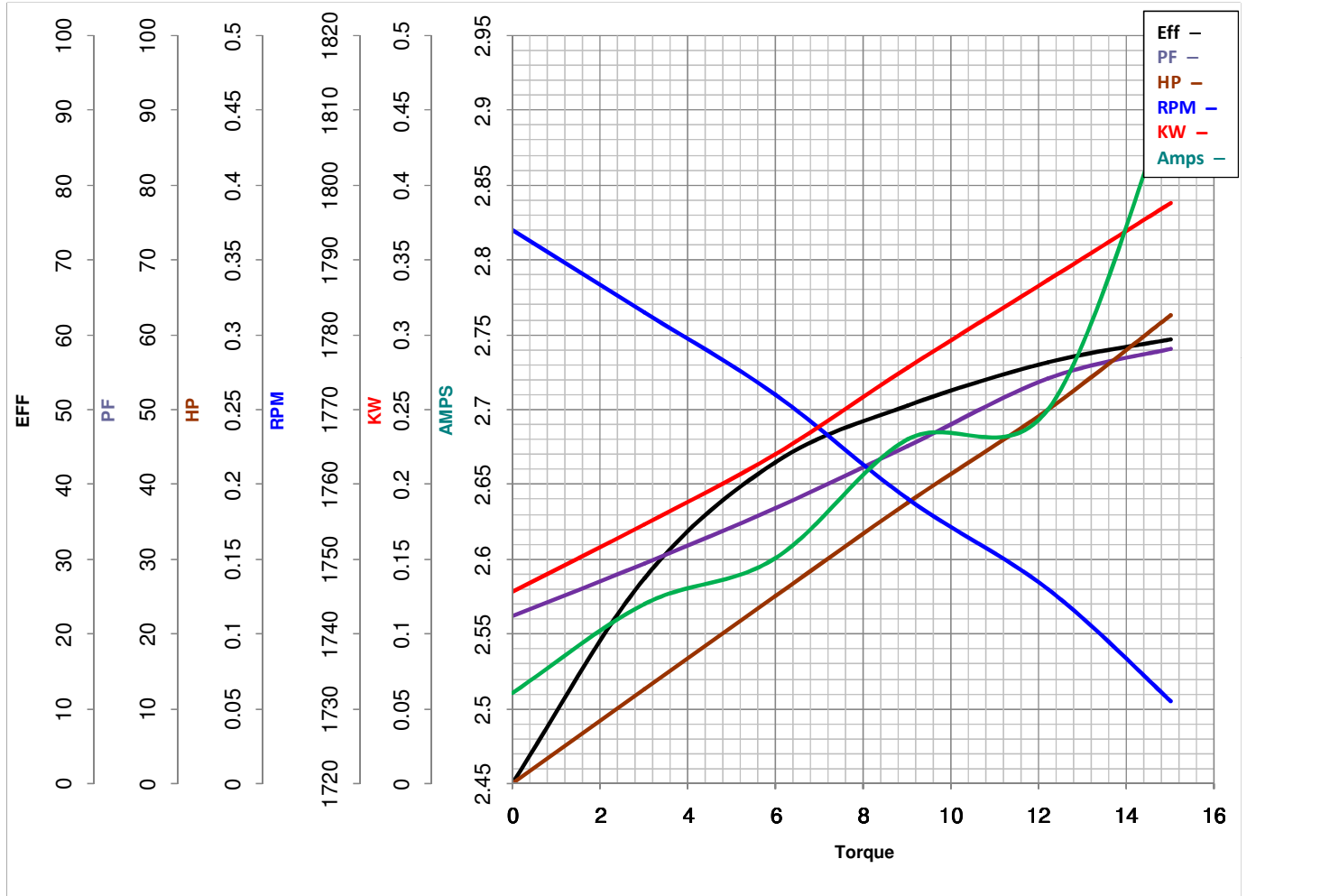


**LEESON ELECTRIC CORPORATION**  
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 101765.00

Catalog No 101765.00

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



<b>FL TORQUE</b>	<u>12.2</u> Oz.Ft	<b>FL AMPS</b>	<u>5.4/2.4-2.7</u>
<b>BD TORQUE</b>	<u>37.8</u> Oz.Ft	<b>PU TORQUE</b>	<u>36.5</u> Oz.Ft
<b>LR TORQUE</b>	<u>43.6</u> Oz.Ft	<b>LR AMPS</b>	<u>11.5</u>
<b>WINDING</b>	CE484211-3	<b>Date</b>	7/17/2018