

# PRODUCT INFORMATION PACKET



Model No: C4C17FC27C

Catalog No: 102665.00

1/2HP..1725RPM.48.TEFC.115/208-230V.1PH.60HZ.CONT.NOT.40C.1.15SF.ROUND.GENERAL  
PURPOSE.C4C17FC27C.A

Totally Enclosed Fan Cooled (TEFC)



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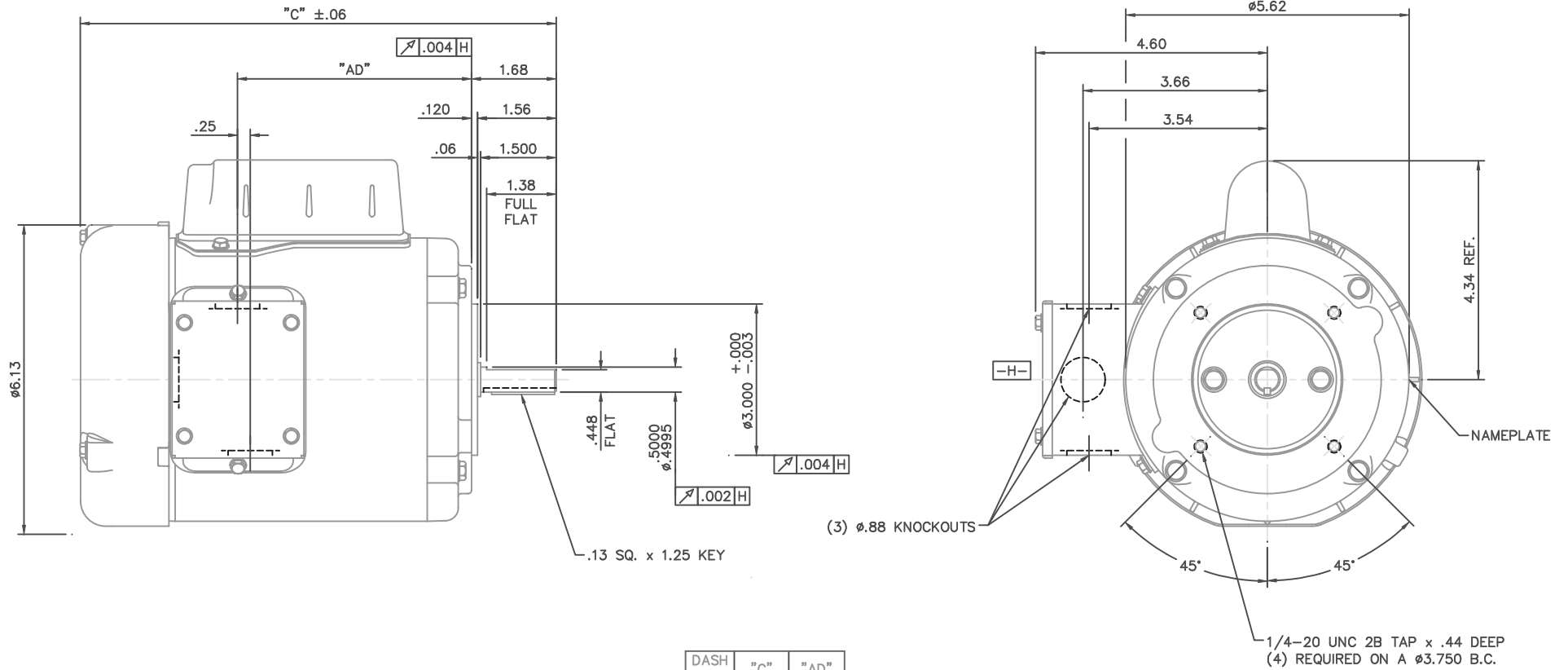
### Nameplate Specifications

Output HP	<b>0.50 Hp</b>	Output KW	<b>0.37 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/208-230 V</b>
Current	<b>8.0/3.8-4.0 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>66 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	Design Code	<b>O</b>
KVA Code	<b>L</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>Single Special Extension</b>
Overall Length	<b>10.44 in</b>	Frame Length	<b>6.00 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>031700-600</b>	Connection Diagram	<b>005005.44</b>

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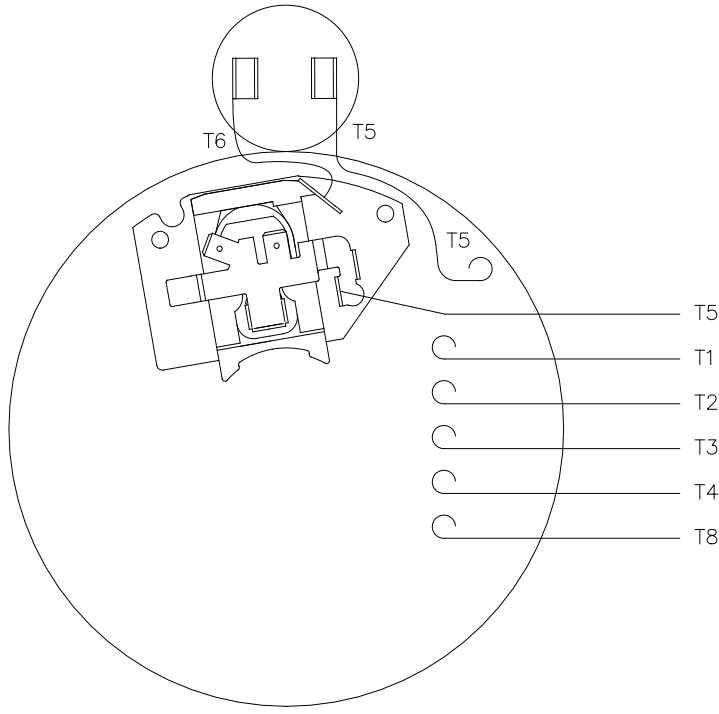


DASH NO.	"C"	"AD"
450	8.94	4.14
475	9.19	4.39
500	9.44	4.64
525	9.69	4.89
550	9.94	5.14
575	10.19	5.39
600	10.44	5.64
625	10.69	5.89
650	10.94	6.14
675	11.19	6.39

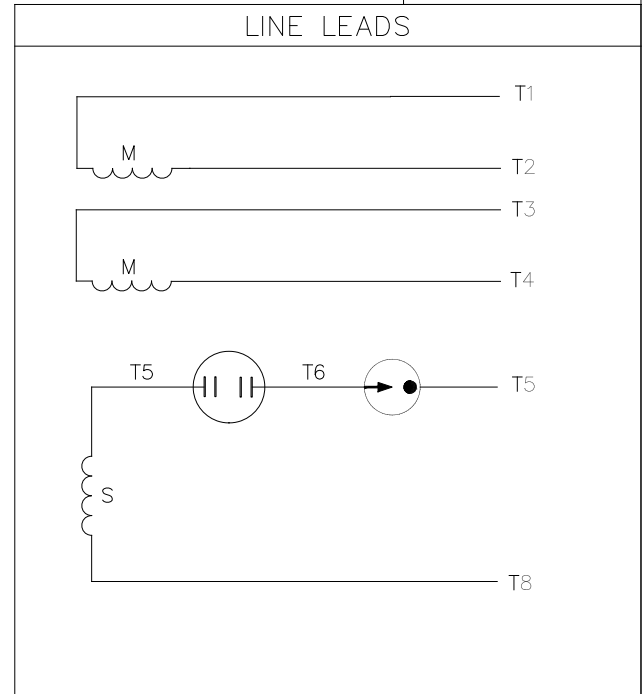
GASKETS THROUGHOUT

NO.		REVISION		BY & DATE		TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN KMM 07/15/02
NO.	REVISION	BY	DATE	CHK	ANG	FINISH	PREV			
						DEC.	INCHES			CHK
						.X	±.1			APPD
						.XX	±.03	TITLE	OUTLINE - 48CZ FRAME	SCALE 1=2
						.XXX	±.005		"C" FACE MOUNT - TEFC	REF 031699
						.XXXX	±.0005	MAT'L	1 PHASE	FMF 101765
						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	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	REV. 01
				ANGLES	±1/2'		FMF 100006		DRAWING NO. 005005-44

