

PRODUCT INFORMATION PACKET



Model No: C4C17FC25C

Catalog No: 102661.00

1/6HP..1725RPM.48.TEFC.115/208-230V.1PH.60HZ.CONT.NOT.40C.1.15SF.ROUND.GENERAL
PURPOSE.C4C17FC25C.A

Totally Enclosed Fan Cooled (TEFC)



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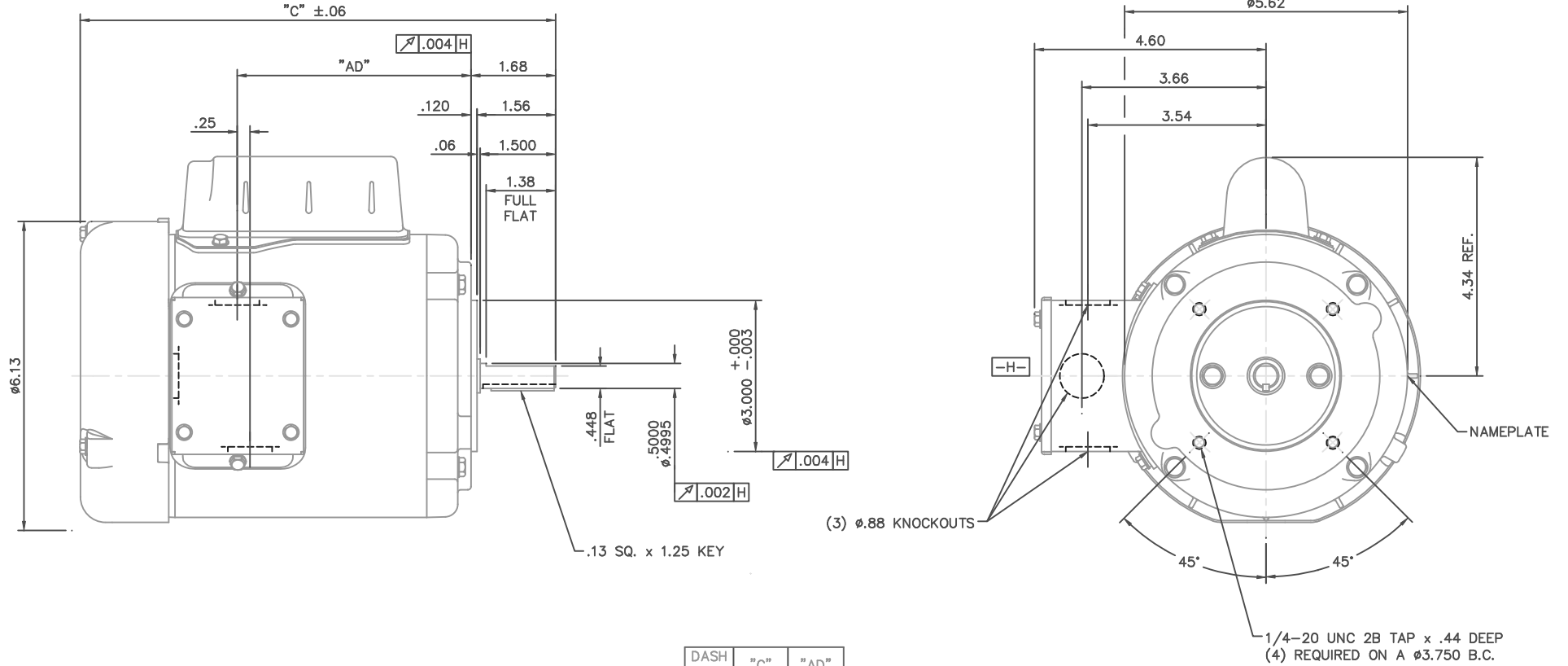
Nameplate Specifications

Output HP	0.16 Hp	Output KW	0.12 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	4.0/1.8-2.0 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	55 %	Duty	Continuous
Insulation Class	B	Design Code	N
KVA Code	N	Frame	48CZ
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	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 48
Overall Length	9.19 in	Frame Length	4.75 in
Shaft Diameter	0.500 in	Shaft Extension	1.5 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	031700-475	Connection Diagram	005005.44

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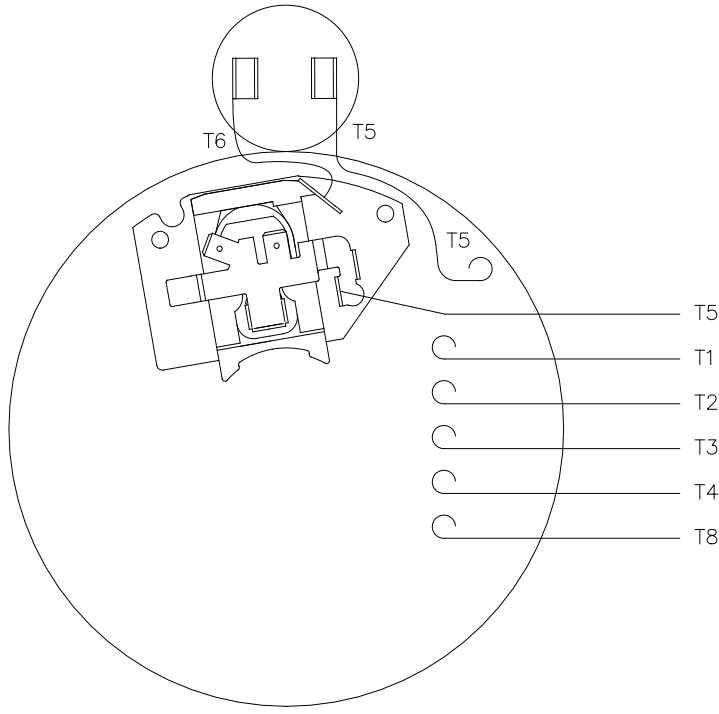
DASH NO.	"C"	"AD"
450	8.94	4.14
475	9.19	4.39
500	9.44	4.64
525	9.69	4.89
550	9.94	5.14
575	10.19	5.39
600	10.44	5.64
625	10.69	5.89
650	10.94	6.14
675	11.19	6.39

GASKETS THROUGHOUT

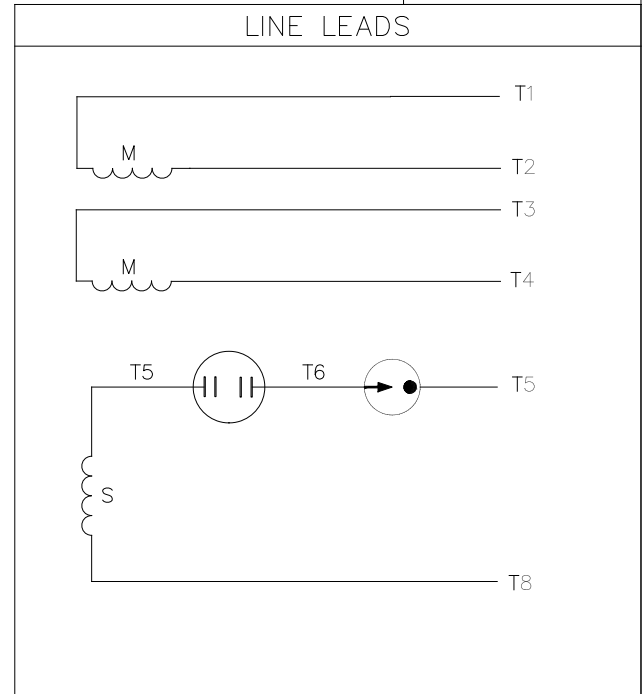
NO.		REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN	KMM 07/15/02	
							DEC.	INCHES	TITLE			CHK
							.X	±.1	OUTLINE - 48CZ FRAME			APPD
							.XX	±.03	"C" FACE MOUNT - TEFC			SCALE
							.XXX	±.005	1 PHASE			REF
							.XXXX	±.0005				101765
							RFP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

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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			 Regal Beloit America, Inc.	
				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

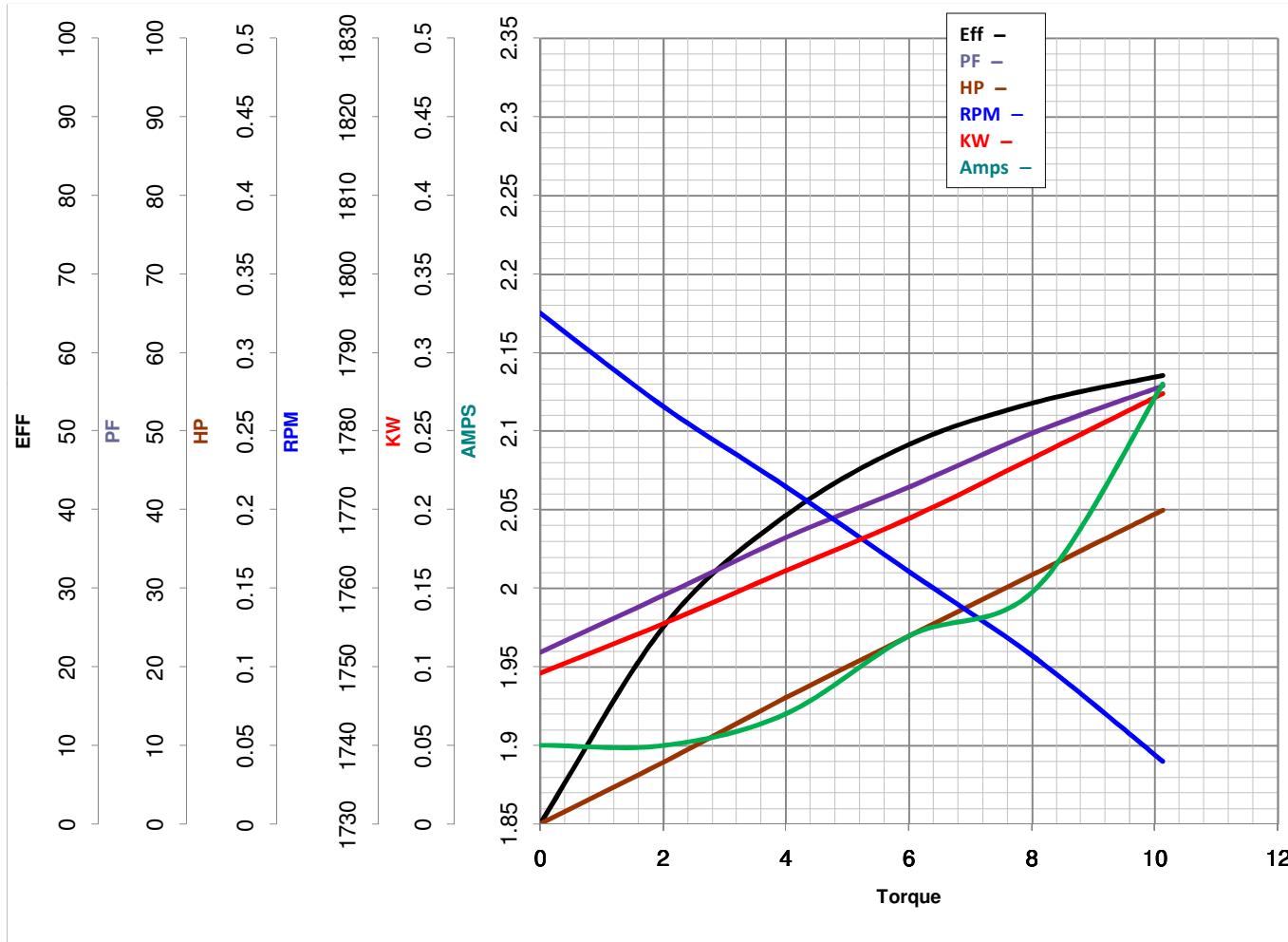


LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 102661.00

Catalog No 102661.00

Curve at 230 Volts HP 0.17 PHASE 1
60 HZ
0.16 HP VOLTS 115/208-230
 HZ 60 RPM 1725



Torque in Oz.Ft

FL TORQUE 8.08 Oz.Ft
 BD TORQUE 26.0 Oz.Ft
 LR TORQUE 36 Oz.Ft

FL AMPS 4/1.8-2.0
 PU TORQUE 25.5 Oz.Ft
 LR AMPS 9

WINDING CE484219-3

Date 4/11/2018