

PRODUCT INFORMATION PACKET



Model No: C6C17FK5L

Catalog No: 110908.00

1HP..1725RPM.56.TEFC./V.1PH.60HZ.CONT.NOT.40C.1.15SF.RIGID C.GENERAL PURPOSE.C6C17FK5L
Totally Enclosed Fan Cooled (TEFC)



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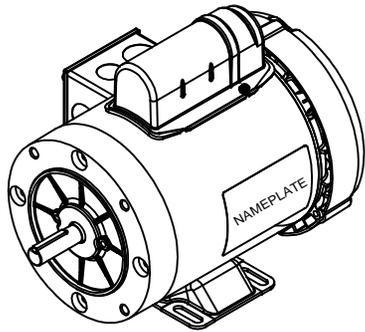
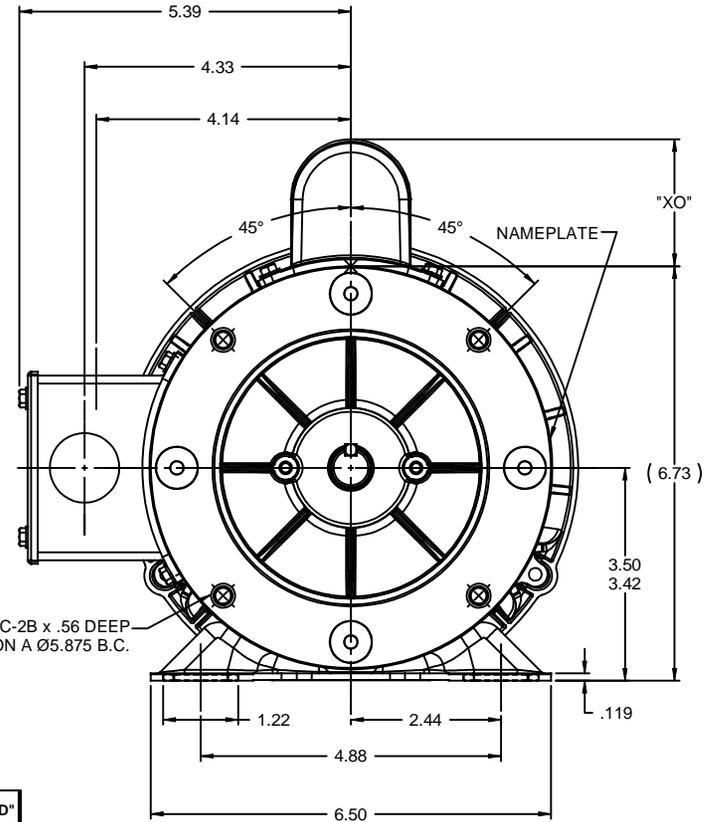
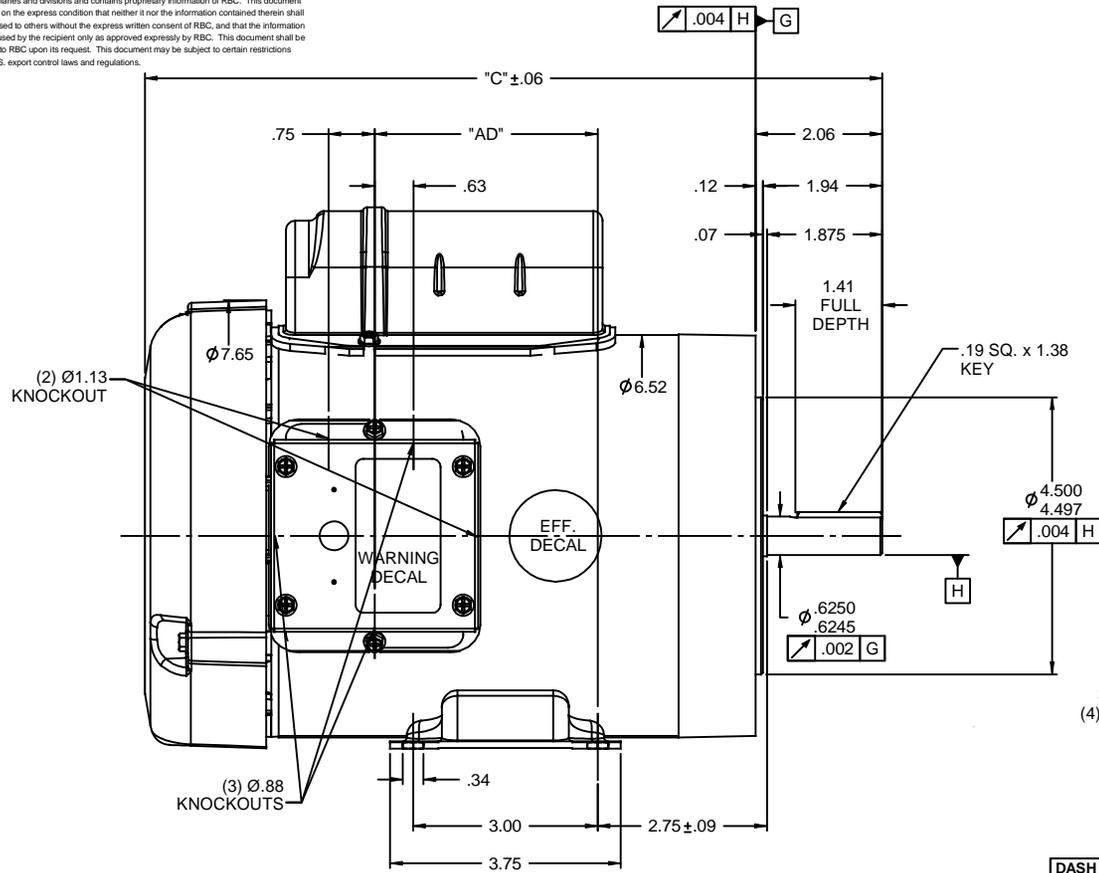
Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	12.8/6.4 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	75 %	Duty	Continuous
Insulation Class	B	Design Code	L
KVA Code	K	Frame	56C
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	54		

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 56
Overall Length	11.98 in	Frame Length	6.50 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028857-650B	Connection Diagram	005005.01

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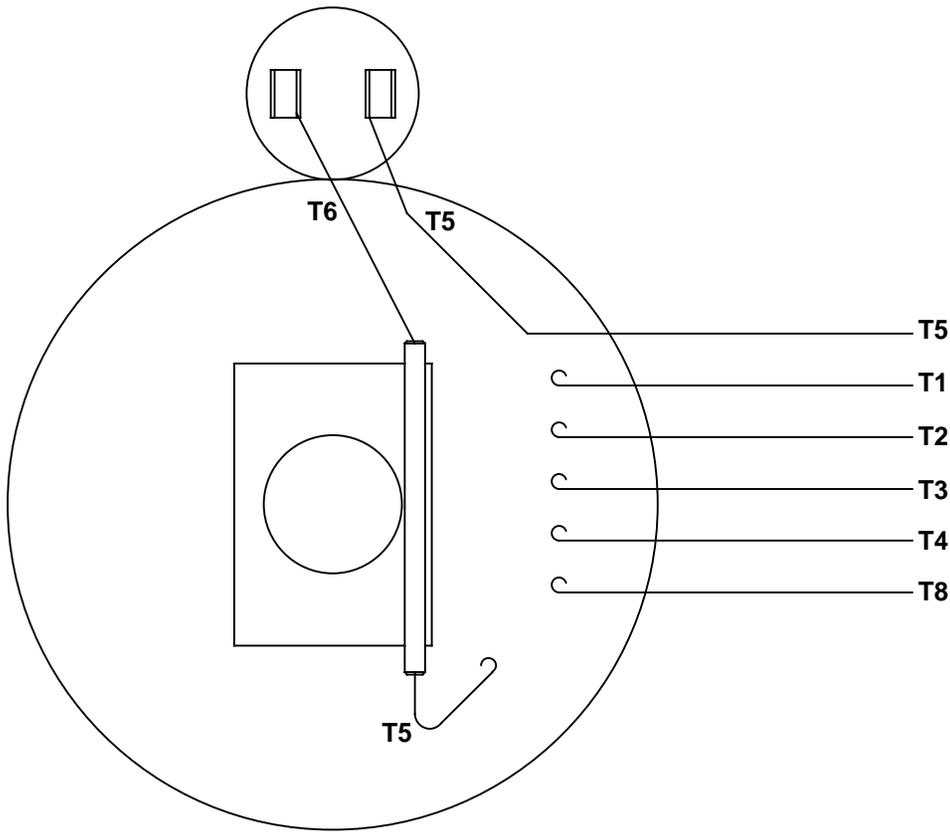
DASH NO.	"C"	"AD"
500	10.48	2.12
550	10.98	2.62
600	11.48	3.12
650	11.98	3.62
700	12.48	4.12
750	12.98	4.62
800	13.48	5.12
850	13.98	5.62

CAP. DASH	"XO"
A	1.61
B	2.08
C	2.32

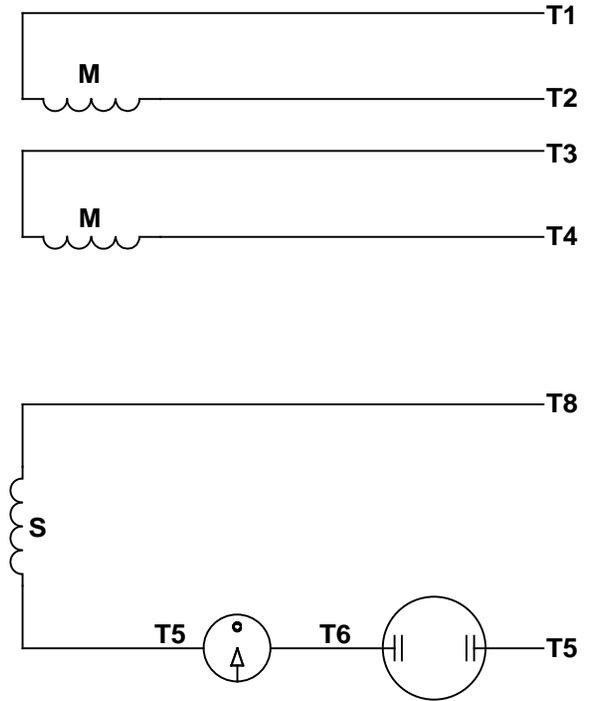
NOTES:
 1) GASKETS THROUGHOUT

				TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN GRB 07/22/08	
				DEC	INCHES	LEESON		CHK DJ 07/22/08	
				x	±.1	APPR		SCALE 1:2	
				.XX	±.03	TITLE OUTLINE - 56C FRAME		REF 028851	
				.XXX	±.005	TEFC - "C" FACE		FMF 110180.00	
01	ADDED FRAMES 500, 550 & 600	MBR 9/3/08	GWS	.XXX	±.0005	MATL		PAGE 1 OF 1	
REVISION		BY & DATE	CHK	ANG	±1/2"	FINISH		DRAWING NO	
			RFP	07/22/08		PREV		REV	
THIRD ANGLE PROJECTION				NETWORK FILE NAME		SIZE B		DRAWING NO 028857	
								REV 01	

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



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	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	-----

--	REDRAWN IN SOLIDWORKS	VJB 02/16/11	TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN ADH 08/06/73
27	UPDATED TO CURRENT STANDARDS	DBT 05/27/97	DEC	INCHES		CHK
26	ADDED PAGE 32 (114787) & PAGE 33 (114788)	KAZ 12/20/95	PG	.X ±.1		APPR JCW 03/09/79
25	ADDED PAGE 31	KAZ 04/19/95	DL	.XX ±.01	TITLE EXTERNAL WIRING DIAGRAM	SCALE 1:1
24	ADDED PAGES 29 & 30	KMM 03/30/95	DL	.XXX ±.005	TYPE "C" W/O PROTECTOR	REF FIG 2-23 C4A
23	ADDED PAGE 28	KMM 01/27/95		.XXXX ±.0005	MAT'L DECAL - 004012	FMF MGI-2.4B
NO	REVISION	BY & DATE	CHK	ANG ±1/2°	FINISH	PAGE OF
THIRD ANGLE PROJECTION			RFP	PREV	SIZE	DRAWING NO
			NETWORK FILE NAME 00500501		A	005005-01
						REV
						--



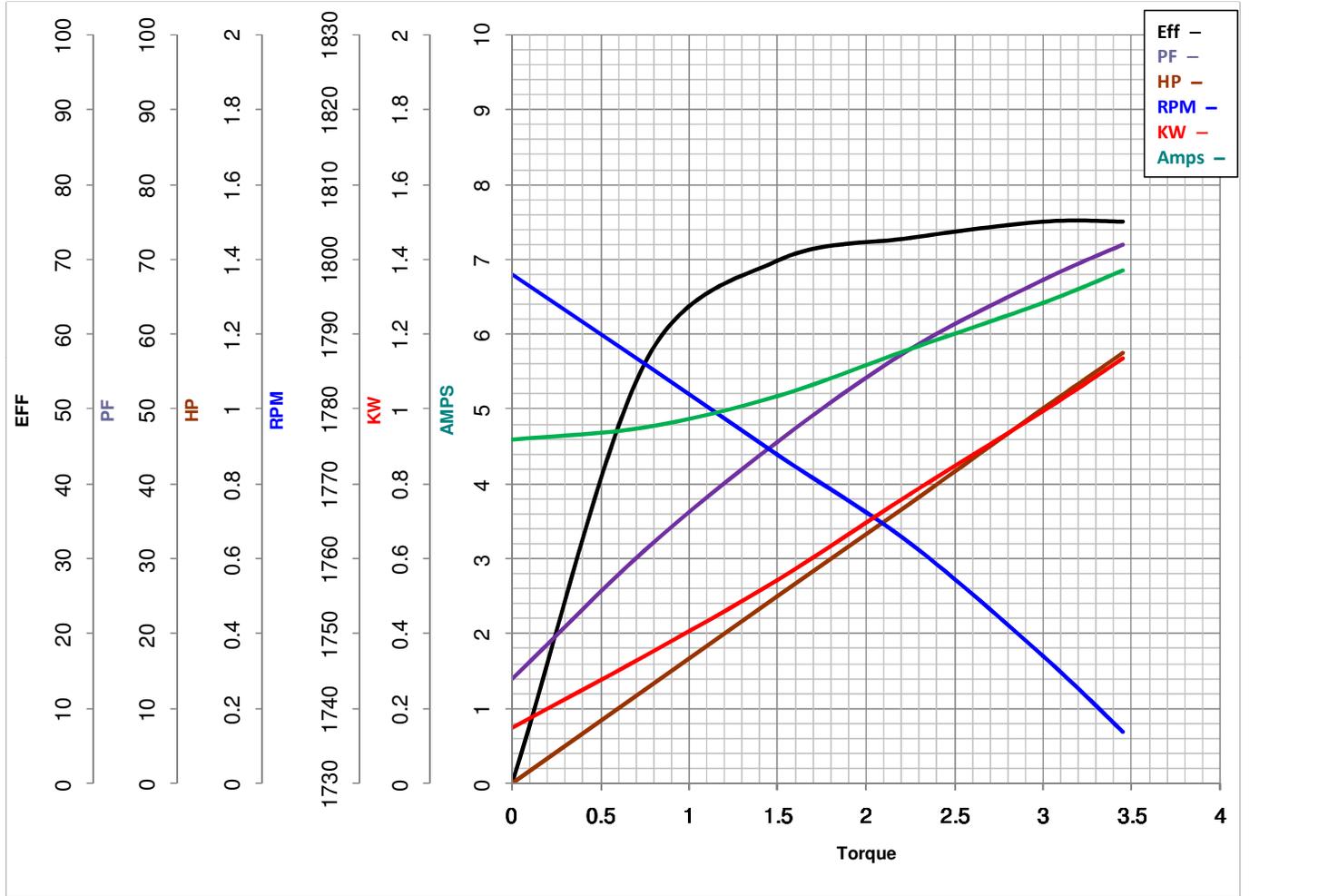
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 110908.00

Curve at 230 Volts HP 1.00 PHASE 1
60 HZ
1 HP VOLTS 115/208-230

Catalog No 110908.00

HZ 60 RPM 1725



FL TORQUE	<u>3</u>	Lb.Ft	FL AMPS	<u>12.8/6.4</u>	
BD TORQUE	<u>7.0</u>	Lb.Ft	PU TORQUE	<u>6.7</u>	Lb.Ft
LR TORQUE	<u>9</u>	Lb.Ft	LR AMPS	<u>33</u>	
WINDING	C634256-3		Date	<u>3/26/2018</u>	