

Totally Enclosed Fan Cooled (TEFC)



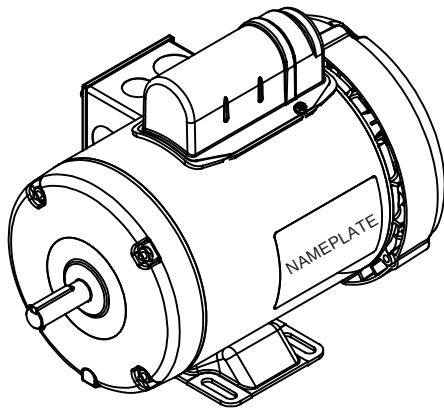
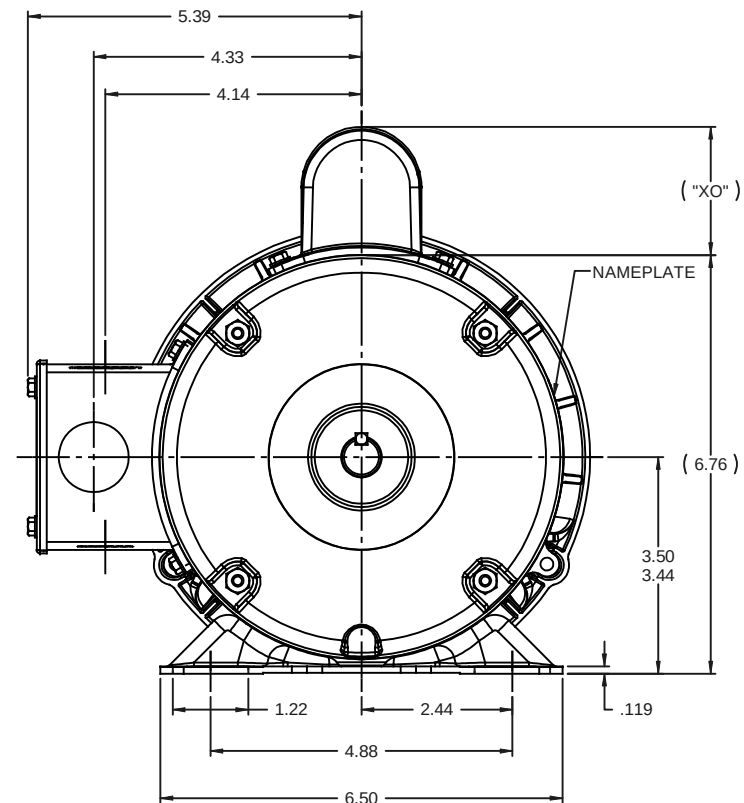
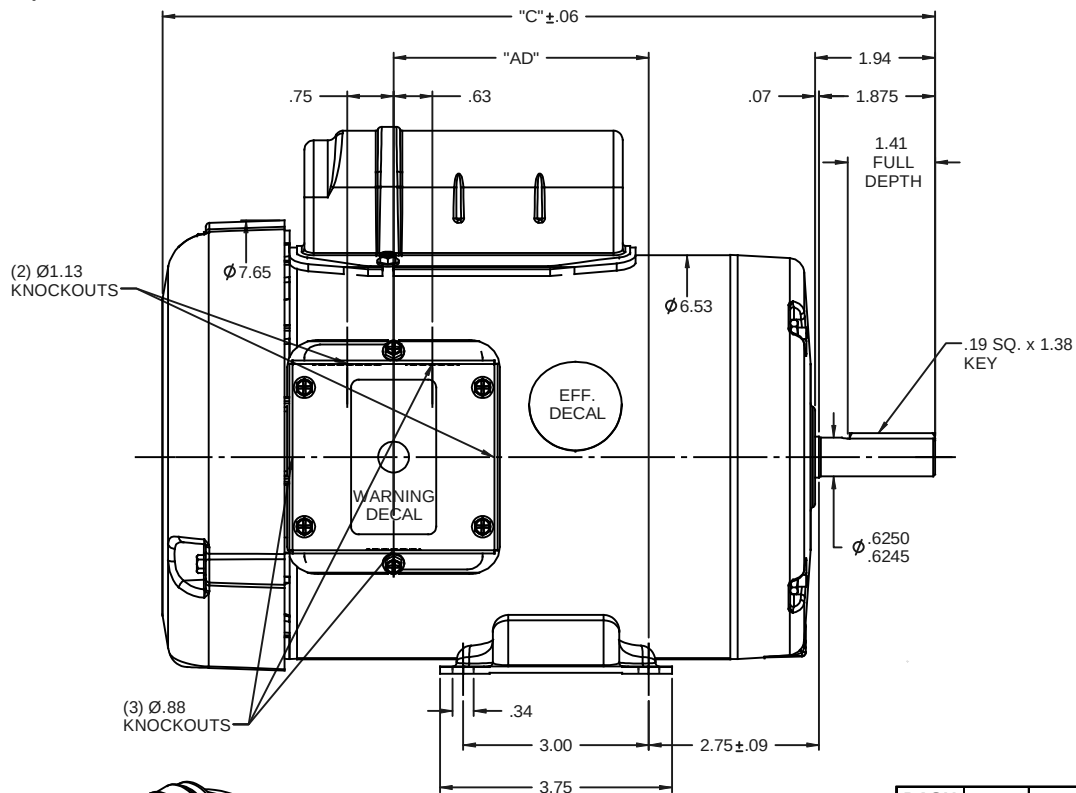


Nameplate Specifications

Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	7.8/3.9 A	Speed	1140 rpm
Service Factor	1	Phase	1
Efficiency	55 %	Duty	Continuous
Insulation Class	B	Design Code	N
KVA Code	M	Frame	56
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	6	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	12.48 in	Frame Length	7.00 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028797-700A	Connection Diagram	005005.01

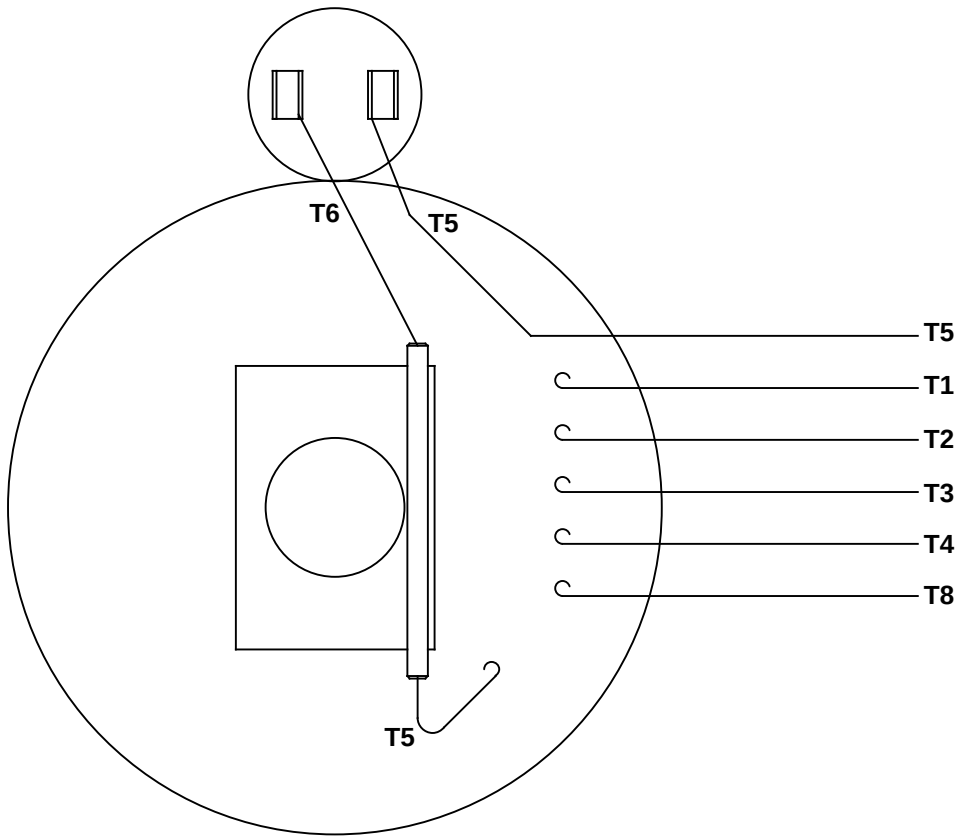


DASH NO.	"C"	"AD"	CAP DASH	"XO"
500	10.48	2.13		
550	10.98	2.63		
600	11.48	3.13		
650	11.98	3.63		
700	12.48	4.13	A	1.61
750	12.98	4.63	B	2.08
			C	2.32

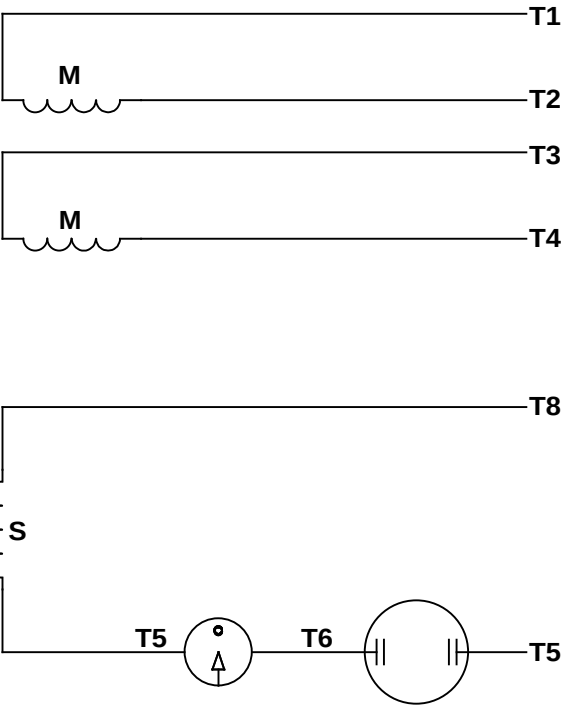
NOTES:
1) GASKETS THROUGHOUT

		TOLERANCES UNLESS SPECIFIED:		LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN KMM 09/18/07	
		DEC INCHES				CHK	
		X ±.1				APPR	
		XX ±.03		TITLE OUTLINE - 56 FRAME		SCALE 1:2	
		XXX ±.005		TEFC - RIGID		REF 028612	
01 ADDED ISOMETRIC VIEW AS PER ISAAC #08-4017		GRB 9/5/2008		MATL		FMF 110094.00	
NO		REVISION		BY & DATE		PAGE 1 OF 1	
		THIRD ANGLE PROJECTION		CHK ANG ±1/2"		REV	
				RFP		DRAWING NO	
				NETWORK FILE NAME		REV	
						SIZE B	
						DRAWING NO 028797	
						REV 01	

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

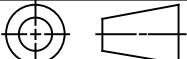


LINE LEADS



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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	TITLE EXTERNAL WIRING DIAGRAM TYPE "C" W/O PROTECTOR			APPR JCW 03/09/79	
25	ADDED PAGE 31	KAZ 04/19/95	DL	.XX	±.01				SCALE 1:1	
24	ADDED PAGES 29 & 30	KMM 03/30/95	DL	.XXX	±.005				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		REV
			NETWORK FILE NAME 00500501		A		005005-01		--	



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 110009.00Catalog No 110009.00

Curve at

230

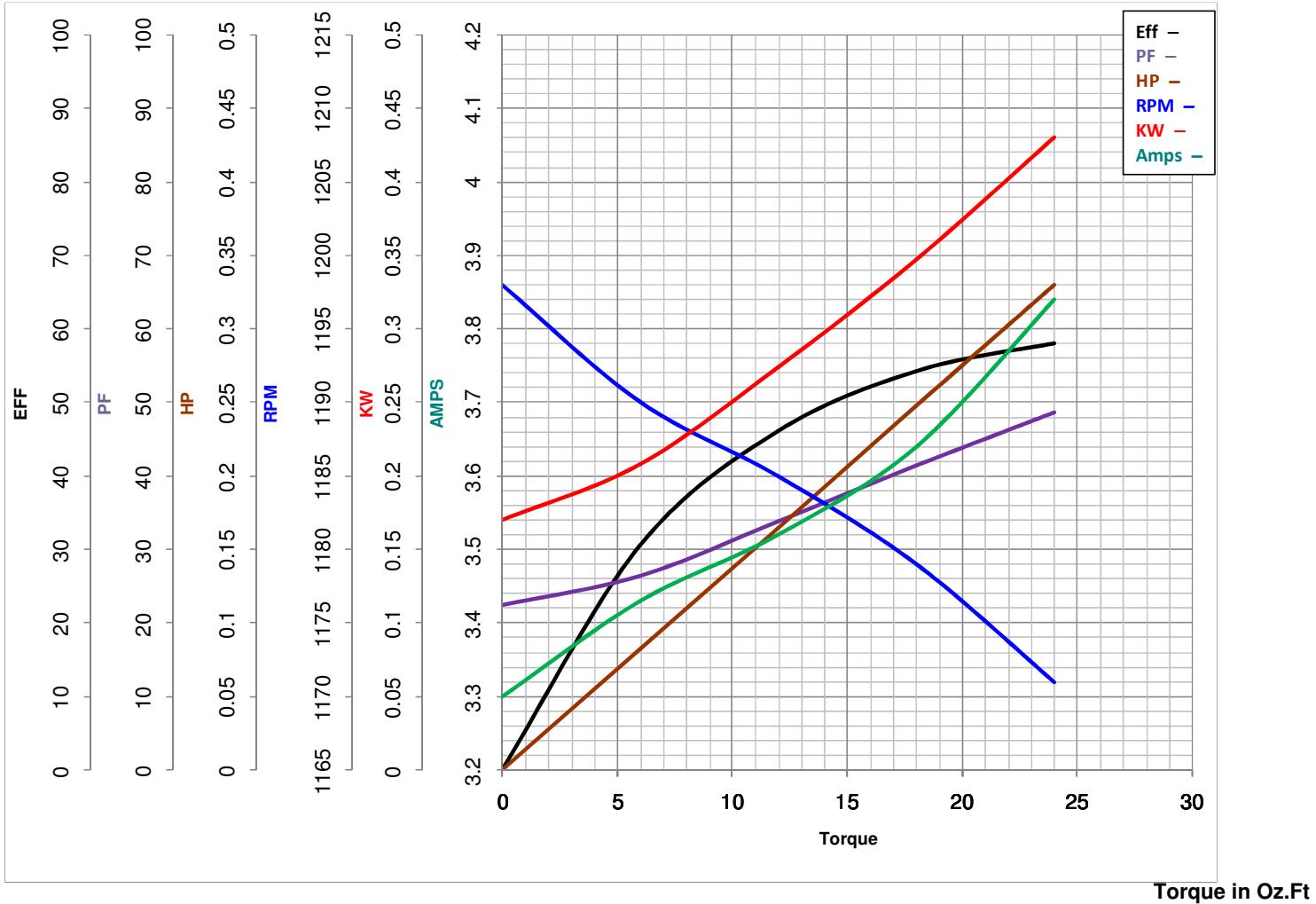
Volts

HP 0.33PHASE 160

HZ

0.33

HP

VOLTS 115/208-230HZ 60RPM 1140

FL TORQUE 24 Oz.Ft
 BD TORQUE 60.0 Oz.Ft
 LR TORQUE 88 Oz.Ft

WINDING C63637-3

FL AMPS 7.8/3.9
 PU TORQUE 48.0 Oz.Ft
 LR AMPS 16

Date 4/11/2018