

PRODUCT INFORMATION PACKET



Model No: C6C34FB6J

Catalog No: 110094.00

..1 1/2HP..3450RPM.56.TEFC.115/208-230V.1PH.60HZ.CONT.40C.1SF.RIGID.C6C34FB6J.....GENERAL
PURPOSE.NOT.....

Totally Enclosed Fan Cooled (TEFC)



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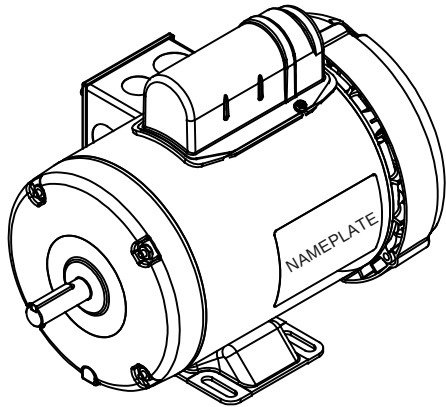
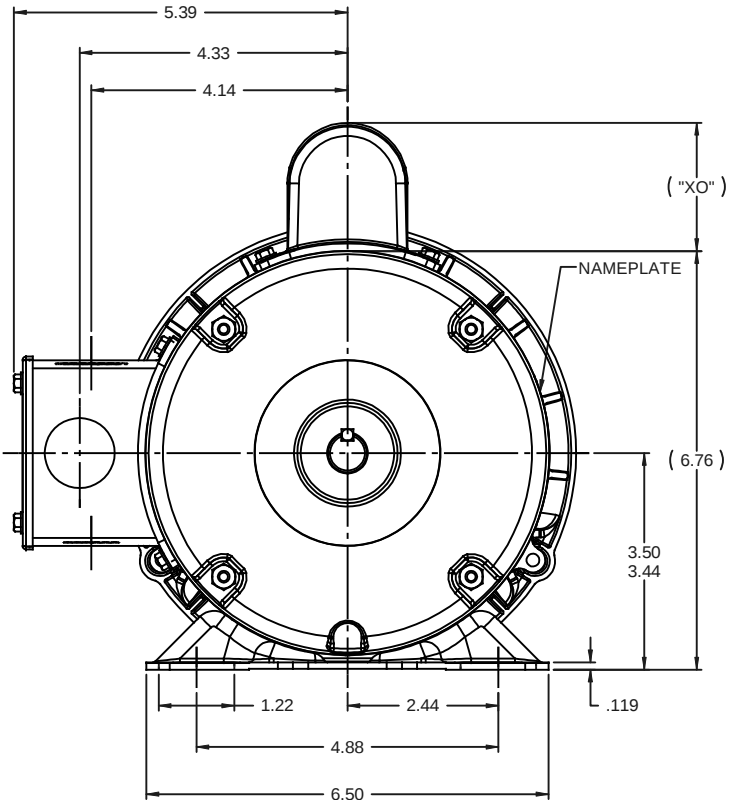
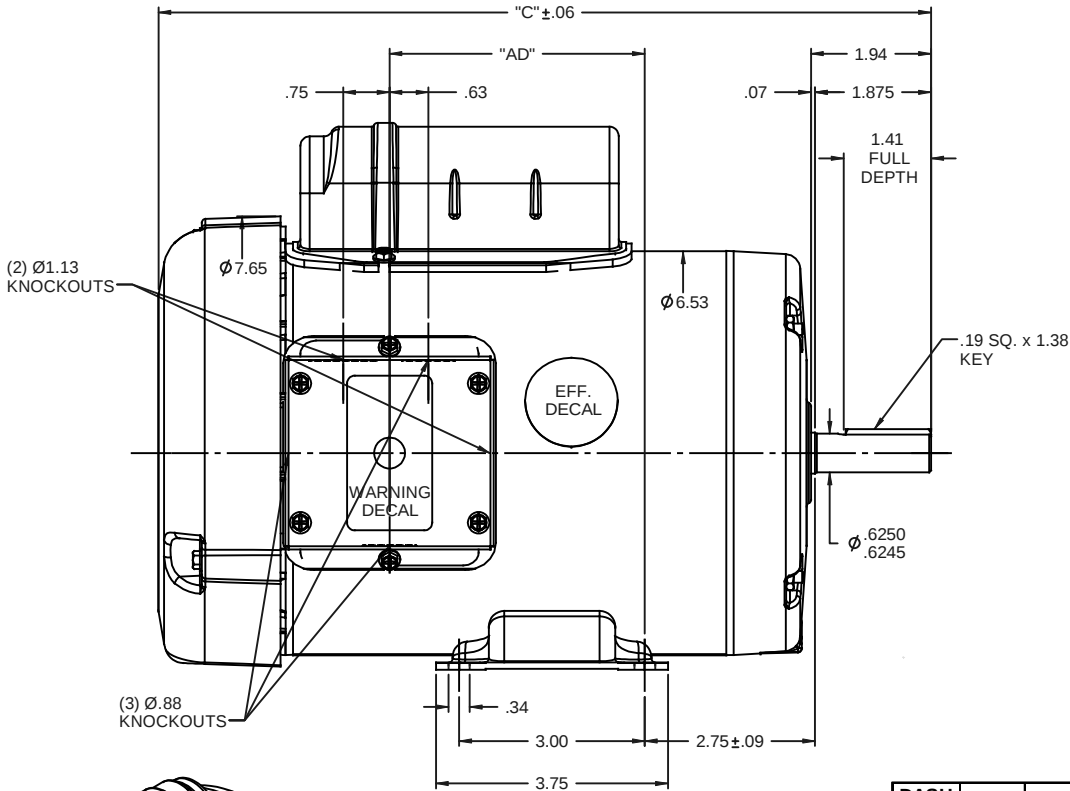


Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	17.0/9.0-8.5 A	Speed	3450 rpm
Service Factor	1	Phase	1
Efficiency	72 %	Duty	Continuous
Insulation Class	B	Design Code	L
KVA Code	H	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	54		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	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	028797-700B	Connection Diagram	005005.01

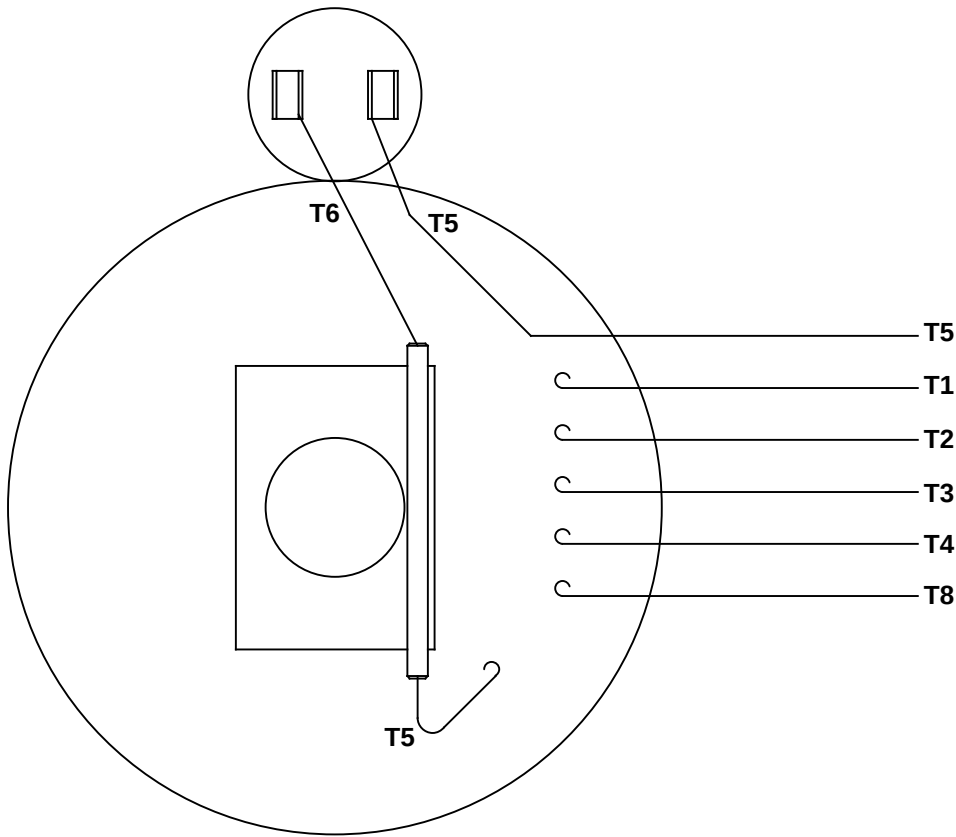


DASH NO.	"C"	"AD"	CAP DASH	"XO"
500	10.48	2.13		
550	10.98	2.63		
600	11.48	3.13		
650	11.98	3.63		
700	12.48	4.13	A	1.61
750	12.98	4.63	B	2.08
			C	2.32

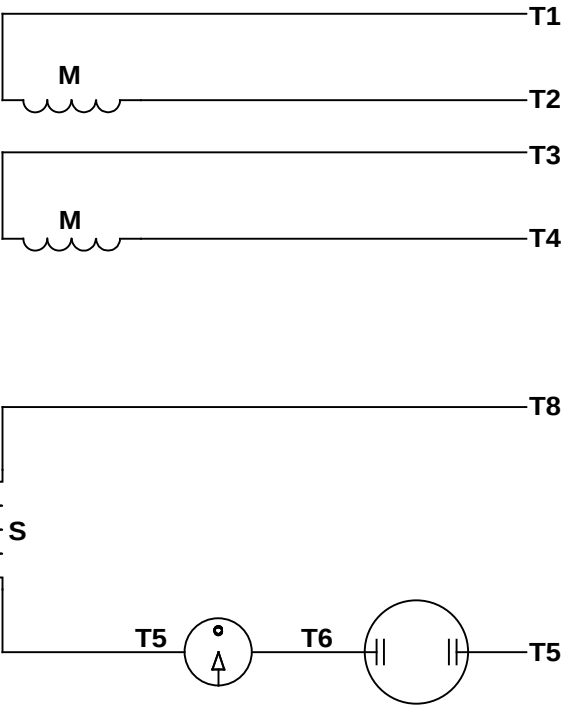
NOTES:
 1) GASKETS THROUGHOUT

				TOLERANCES UNLESS SPECIFIED	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN KMM 09/18/07
				DEC INCHES		CHK
				X ±.1		APPR
				XX ±.03		SCALE 1:2
				XXX ±.005	TITLE OUTLINE - 56 FRAME TEFC - RIGID	REF 028612
01 ADDED ISOMETRIC VIEW AS PER ISAAC #08-4017				DJ XXXX ±.0005	MATL	FMF 110094.00
NO REVISION				CHK ANG ±1/2"	FINISH GENERAL PURPOSE	PAGE 1 OF 1
BY & DATE				RFP	PREV	REV
THIRD ANGLE PROJECTION				NETWORK FILE NAME	SIZE B	DRAWING NO 028797
						01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

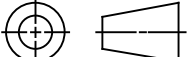


LINE LEADS



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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	SCALE 1:1	REF FIG 2-23 C4A	
25	ADDED PAGE 31	KAZ 04/19/95	DL	.XX	±.01					
24	ADDED PAGES 29 & 30	KMM 03/30/95	DL	.XXX	±.005					
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 110094.00

Catalog No 110094.00

Curve at

230
60
1.5

Volts
HZ
HP

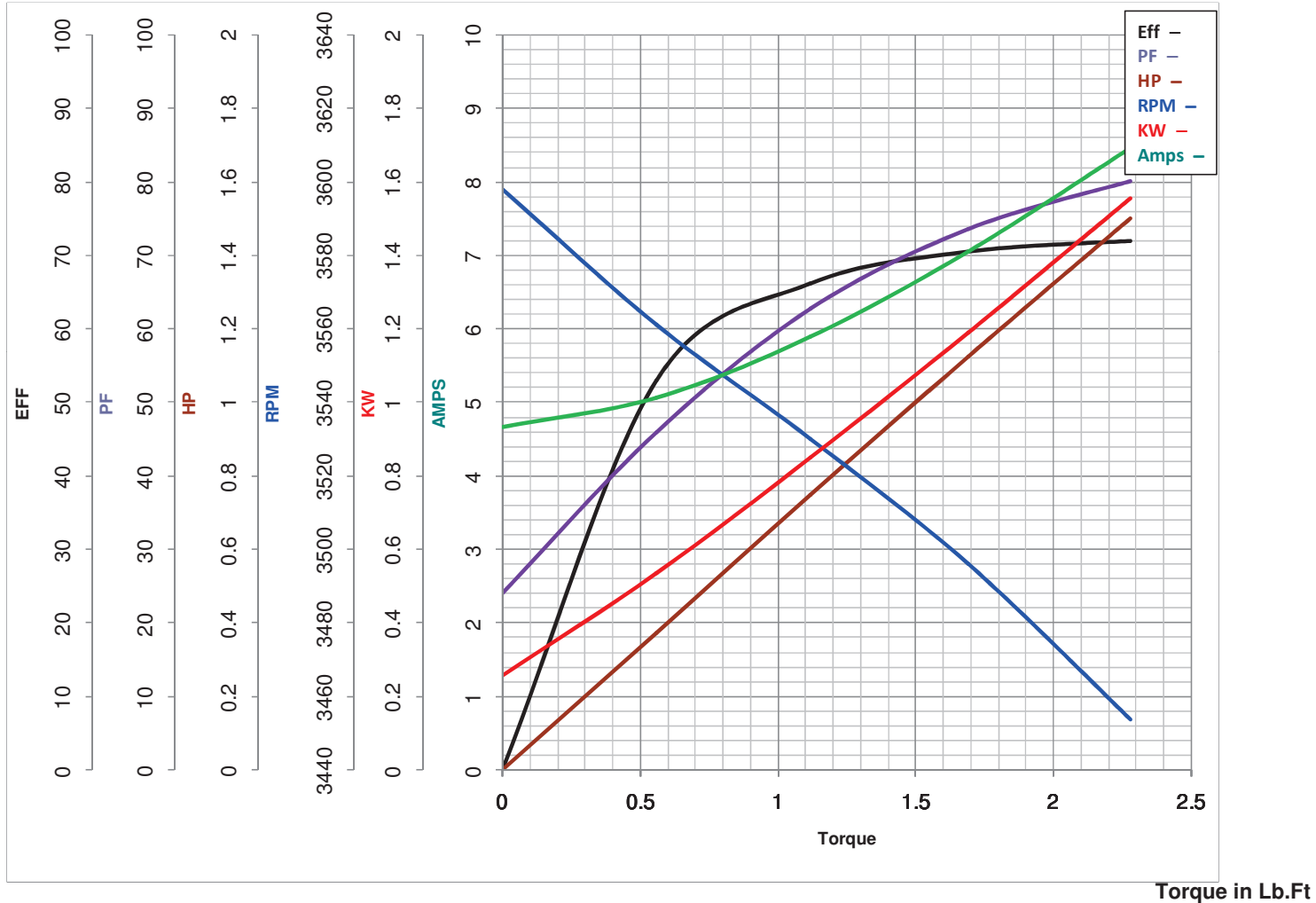
HP 1.50

PHASE 1

VOLTS 115/208-230

HZ 60

RPM 3450



FL TORQUE	<u>2.28</u>	Lb.Ft	FL AMPS	<u>17.9-8.5</u>	
BD TORQUE	<u>5.6</u>	Lb.Ft	PU TORQUE	<u>5.3</u>	Lb.Ft
LR TORQUE	<u>5.5</u>	Lb.Ft	LR AMPS	<u>46</u>	
WINDING	C632212-3		Date	4/23/2018	