

PRODUCT INFORMATION PACKET



Model No: M6K17FC1L

Catalog No: 110042.00

1.5HP..1725RPM.56.TEFC.115/208-230V.1PH.60HZ.CONT.MANUAL.40C.1SF.C FACE.GENERAL
PURPOSE.M6K17FC1L

Totally Enclosed Fan Cooled (TEFC)



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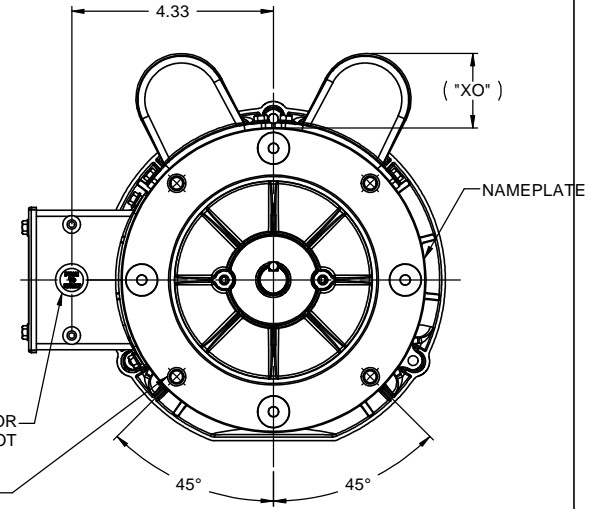
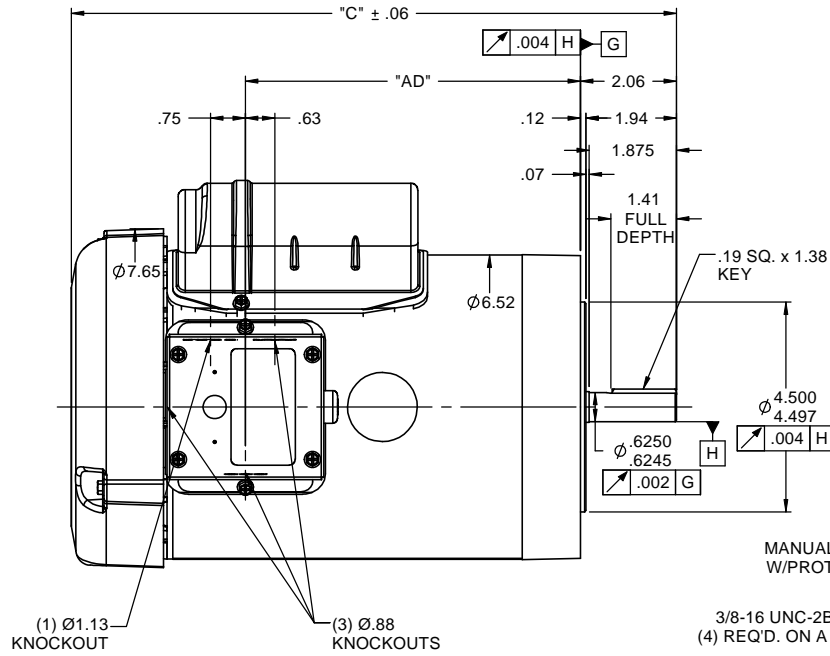
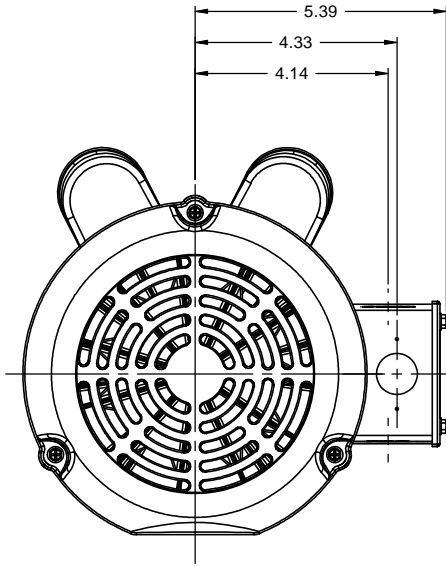
Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	17.2/8.8-8.6 A	Speed	1725 rpm
Service Factor	1	Phase	1
Efficiency	79 %	Duty	Continuous
Insulation Class	B	Design Code	L
KVA Code	J	Frame	56C
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	Manual
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

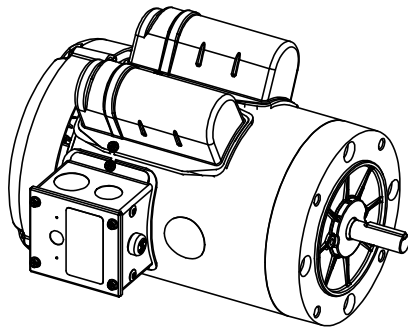
Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	12.99 in	Frame Length	7.50 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028806-750B	Connection Diagram	005053.02

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(1) Ø1.13 KNOCKOUT
 (3) Ø.88 KNOCKOUTS

MANUAL PROTECTOR W/PROTECTOR BOOT
 3/8-16 UNC-2B x .56 DEEP
 (4) REQ'D. ON A Ø5.875 B.C.

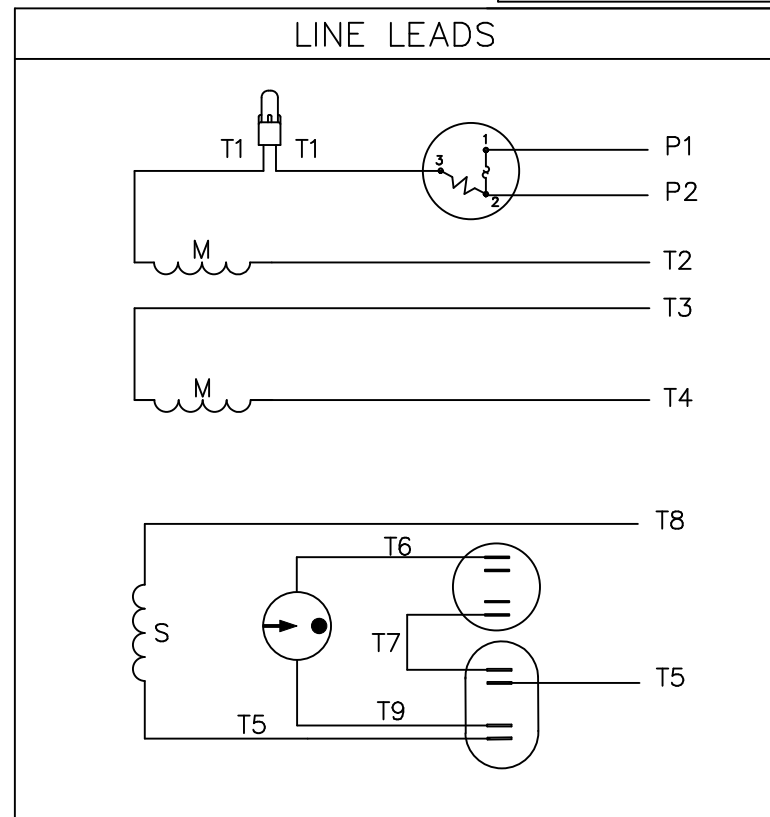
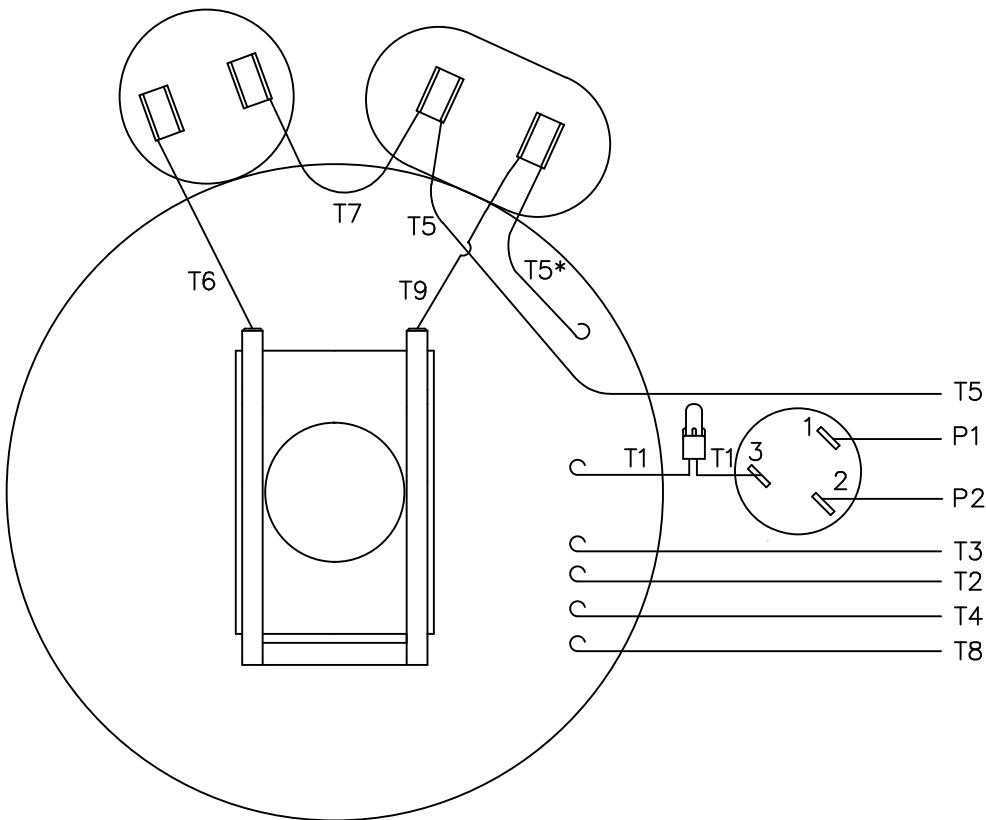


DASH NO.	"C"	"AD"	CAP DASH	"XO"
700	12.49	6.69	A	1.15
750	12.99	7.19	B	1.60
800	13.49	7.69	C	1.82
850	13.99	8.19		

NOTES:
 1) GASKETS THROUGHOUT

TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN KMM 10/11/07
DEC	INCHES			
X	±.1			APPR
XX	±.03		TITLE OUTLINE - 56C FRAME	SCALE 3:8
XXX	±.005		TEFC - "C" FACE	REF OL110042.00
XXXX	±.0005		MATL	FMF 110042.00
NO	REVISION	BY & DATE	FINISH	PAGE OF
	THIRD ANGLE PROJECTION		PREV	SIZE DRAWING NO
			NETWORK FILE NAME	B 028806
				REV

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



	ROTATION FACING LEAD END	L1	L2	JOIN	INSULATE SEPARATELY
HIGH VOLT	C.C.W.	P1	T4 T5	T2,T3 T8	P2
	C.W.	P1	T4 T8	T2,T3 T5	P2
LOW VOLT	C.C.W.	P1	T2,T4 T5	P2,T3 T8	-----
	C.W.	P1	T2,T4 T8	P2,T3 T5	-----

* THIS LEAD MAY BE WHITE

		TOLERANCES UNLESS SPECIFIED	
		DEC.	INCHES
		.X	±.1
		.XX	±.01
04	ADDED "*" TO T5	RLW 7/22/02	.XXX ±.005
03	REDRAWN ON CAD	DBT 05/27/97	.XXXX ±.0005
NO.	REVISION	BY & DATE	CHK ANG ±1/2"

REGAL-BELOIT *Motor Technologies Group*

TITLE: EXTERNAL WIRING DIAGRAM
TYPE "K" W/PROTECTOR

DRAWN	ADH 06/16/76
CHK	WRK 06/30/76
APPD	
SCALE	1=1
REF	
FMF	6K17FB8A
PREV	

RFP	CAD FILE	00505302	SIZE	DRAWING NO.	REV.
DIST			A	005053-02	04

