

PRODUCT INFORMATION PACKET



Model No: M6K17FB34G

Catalog No: 113766.00

1/2HP..1725RPM.56.TEFC..V.1PH.60HZ.CONT.MANUAL.40C.1.15SF.RIGID.AG - FARM DUTY/GENERAL PURPOSE.M6K17FB34G

Totally Enclosed Fan Cooled (TEFC)



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Nameplate Specifications

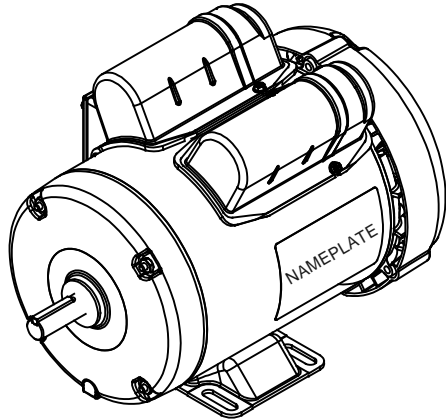
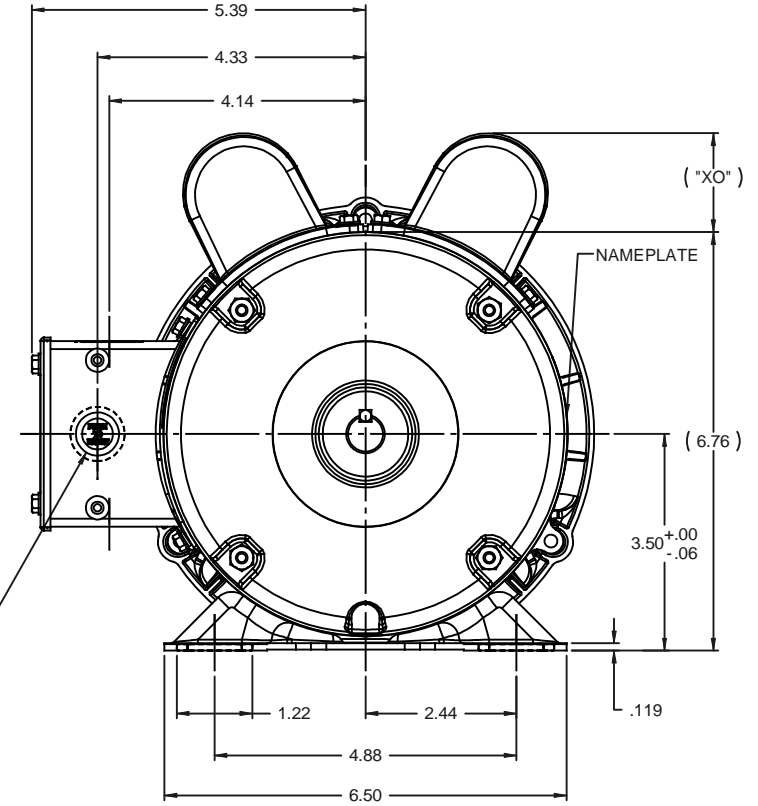
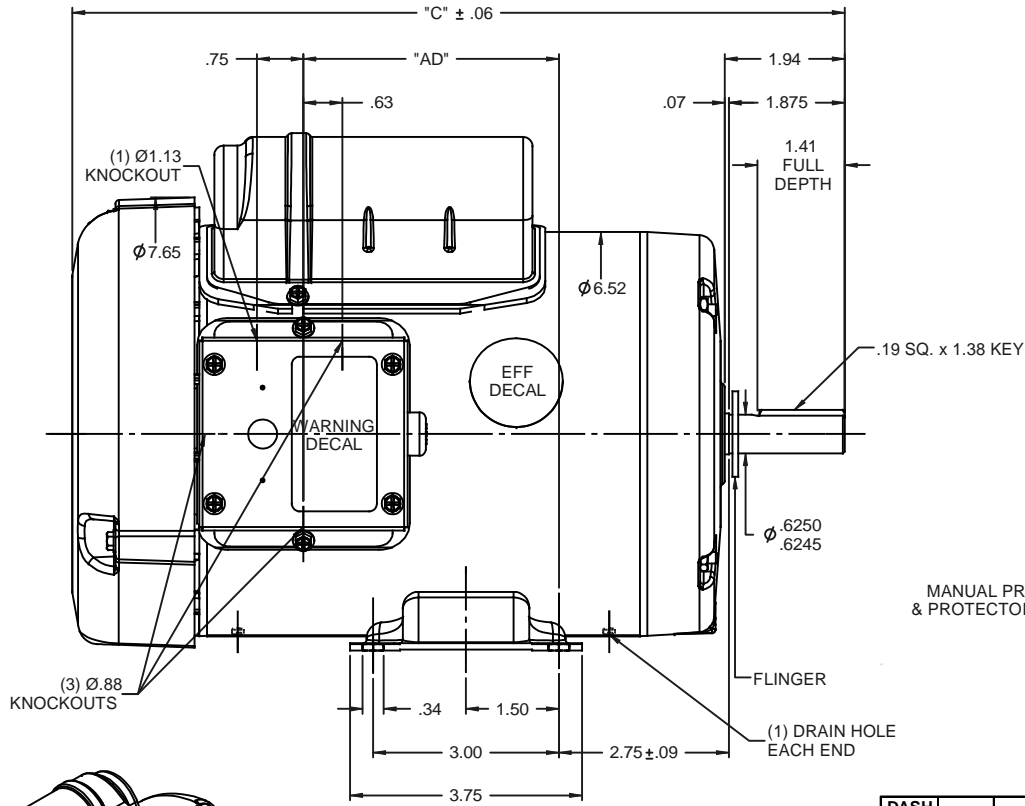
Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	5.0/2.5 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	78 %	Duty	Continuous
Insulation Class	B	Design Code	N
KVA Code	J	Frame	56
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	Manual
Ambient Temperature	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	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	11.49 in	Frame Length	6.00 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028809-600	Connection Diagram	005053.02

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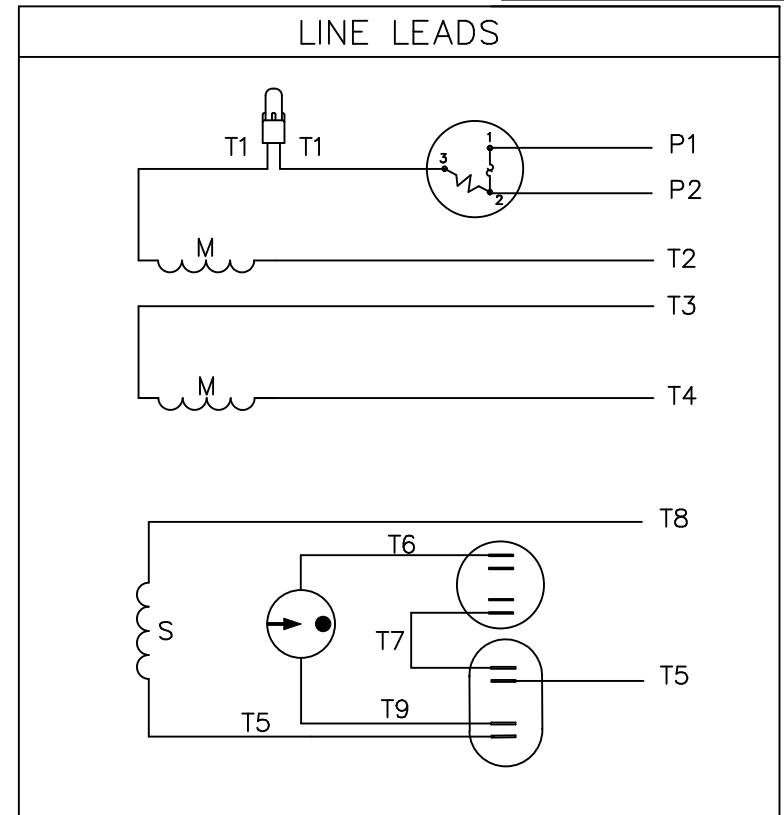
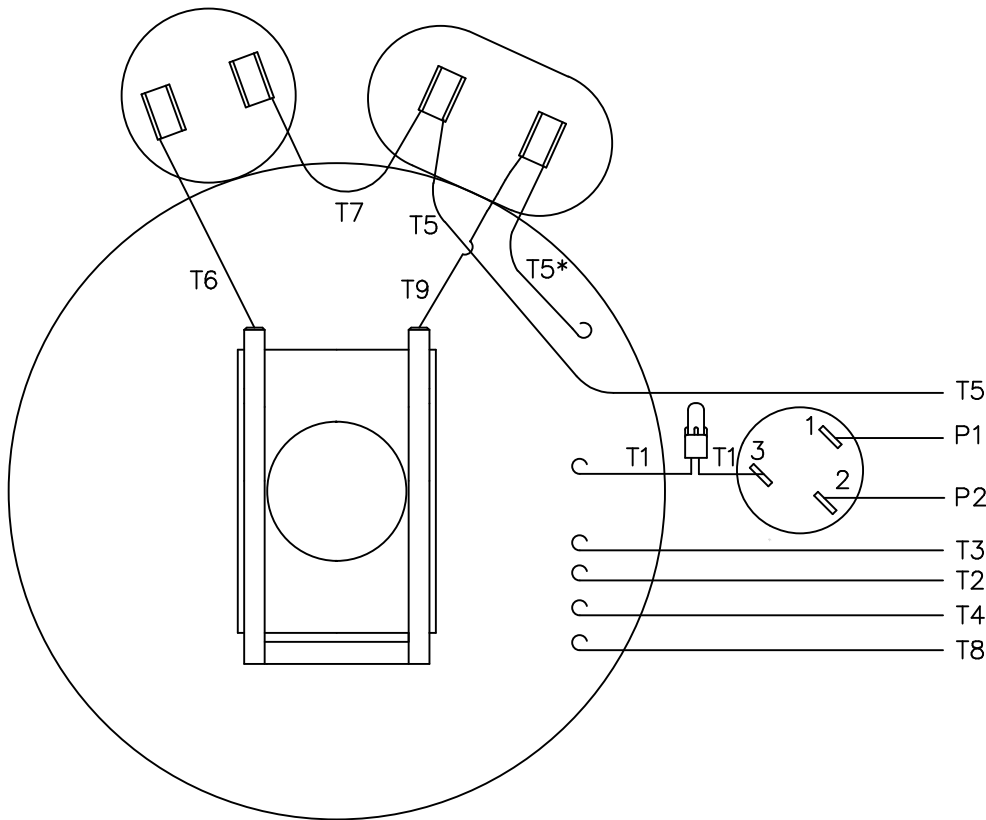


DASH NO.	"C"	"AD"	CAP DASH	"XO"
550	10.99	2.63		
600	11.49	3.13		
650	11.99	3.63		
700	12.49	4.13		
750	12.99	4.63	A	1.15
800	13.49	5.13	B	1.60
850	13.99	5.63	C	1.82

- NOTES:
 1) MANUAL OVERLOAD PROTECTOR.
 2) FLINGER ON SHAFT.
 3) GASKETS THROUGHOUT.
 4) DRAIN HOLE IN FRAME (BOTH ENDS).

REVISION		BY & DATE	CHK	ANG	±1/2"	FINISH	PREV	SIZE	DRAWING NO	REV	
01	ADDED ITEM #550(113765.00), #600(113766.00), #650(113767.00) & ADDED NAMEPLATE VIEW	GRB 12/15/2008	DJ	XXX	±.005	MATL	RFP	B	028809	01	
TOLERANCES UNLESS SPECIFIED:		DEC		INCHES		TITLE		DRAWN		DWF 11/05/07	
X		±.1		OUTLINE - 56 FRAME		LEESON		ELECTRIC MOTORS		CHK	
XX		±.03		TEFC - RIGID		GEARMOTORS		APPR		SCALE 1:2	
XXX		±.005		REF		AND DRIVES		FMF		033677	
XXXX		±.0005		PAGE				OF		113768	
RFP		±1/2"		FINISH							
NETWORK FILE NAME				PREV							

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"
			RFP
			DIST

REGAL-BELOIT *Motor Technologies Group*

DRAWN ADH 06/16/76
CHK WRK 06/30/76
APPD
SCALE 1=1
REF
FINISH
PREV

TITLE
EXTERNAL WIRING DIAGRAM
TYPE "K" W/PROTECTOR

MAT'L. DECAL 004011

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



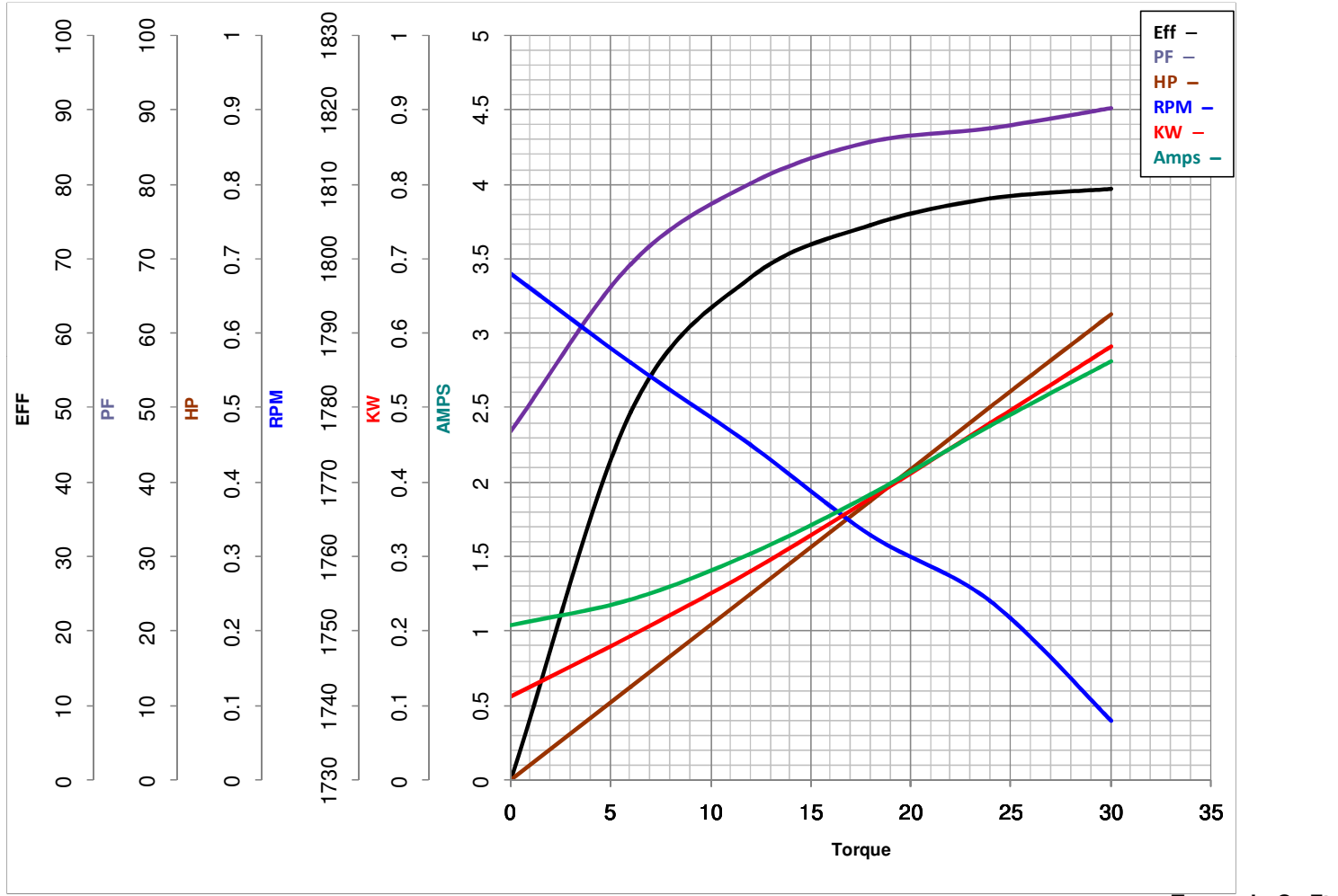
LEESON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 113766.00

Catalog No 113766.00

Curve at 230 Volts HP 0.50 PHASE 1
60 HZ
0.5 HP VOLTS 115/208-230

HZ 60 RPM 1725



FL TORQUE	<u>24</u>	Oz.Ft	FL AMPS	<u>5/2.5</u>	
BD TORQUE	<u>70.0</u>	Oz.Ft	PU TORQUE	<u>48.0</u>	Oz.Ft
LR TORQUE	<u>78</u>	Oz.Ft	LR AMPS	<u>16.6</u>	
WINDING	K634341-3		Date	4/23/2018	