

# PRODUCT INFORMATION PACKET



Model No: M6C17FC12J

Catalog No: 110492.00

1/2HP..1725RPM.56.TEFC./V.1PH.60HZ.CONT.MANUAL.40C.1.15SF.ROUND.AG - FARM  
DUTY/GENERAL PURPOSE.M6C17FC12J

Agricultural



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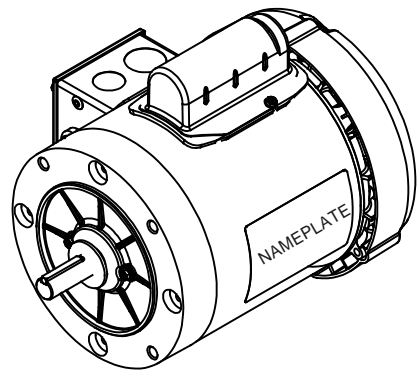
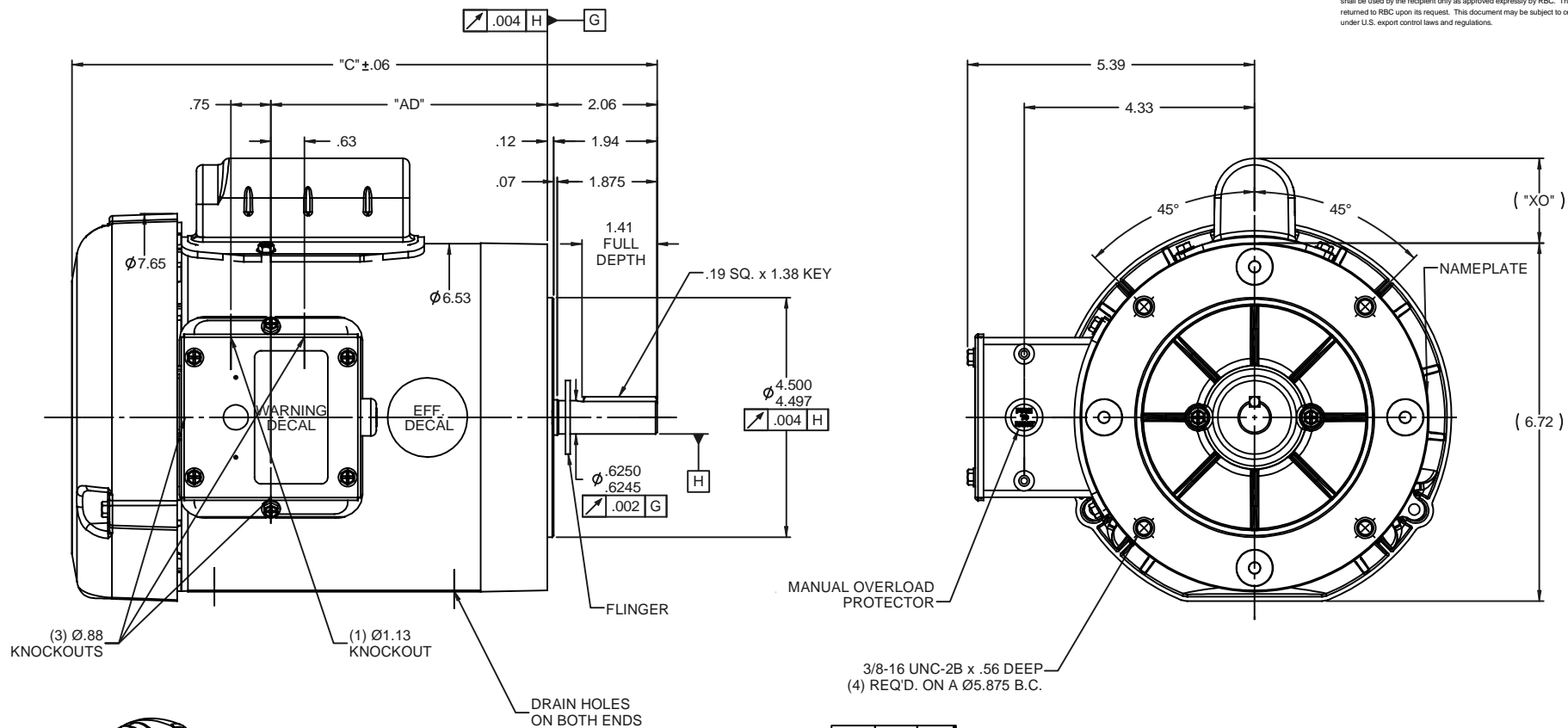


**Nameplate Specifications**

Output HP	<b>0.50 Hp</b>	Output KW	<b>0.37 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/208-230 V</b>
Current	<b>8.8/4.4 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>66 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>N</b>
KVA Code	<b>L</b>	Frame	<b>56C</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Overload Protector	<b>Manual</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>N</b>
IP Code	<b>43</b>		

**Technical Specifications**

Electrical Type	<b>Capacitor Start Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Selective Counterclockwise</b>
Mounting	<b>Round</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>NEMA 56</b>
Overall Length	<b>10.98 in</b>	Frame Length	<b>5.50 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>1.88 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>028865-550A</b>	Connection Diagram	<b>005003.03</b>

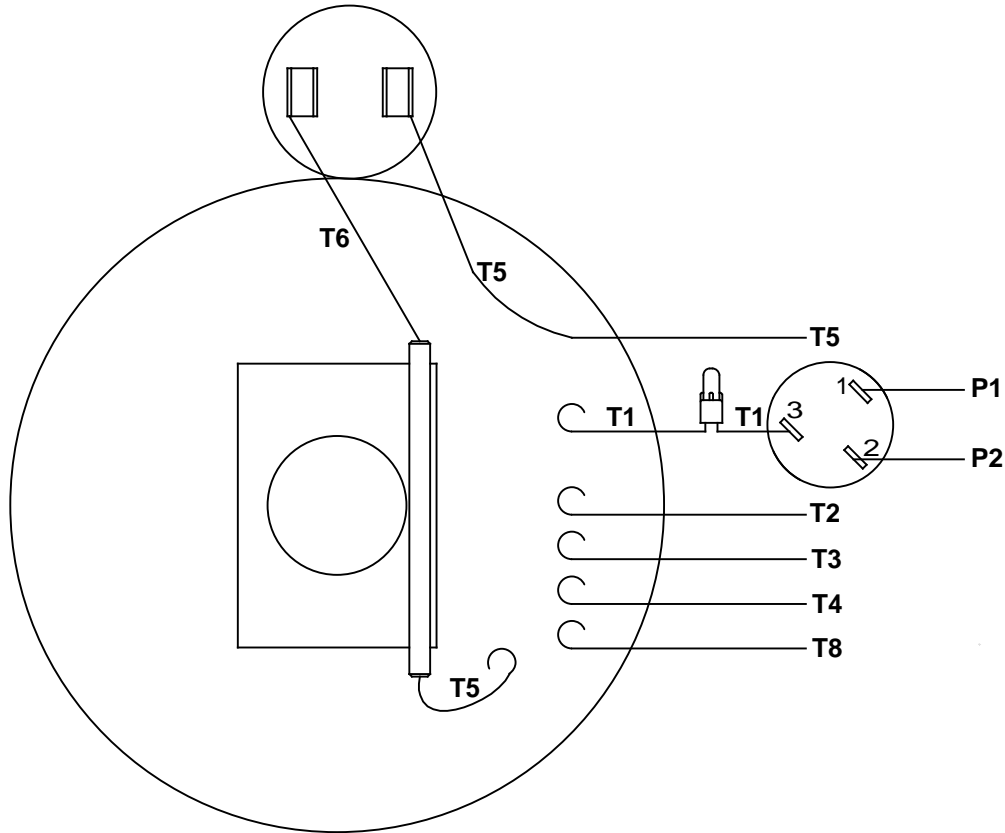


DASH NO.	"C"	"AD"	CAP DASH.		"XO"
550	10.98	5.19			
600	11.48	5.59			
650	11.98	6.19	A	1.61	
700	12.48	6.69	B	2.08	
750	12.98	7.19			
800	13.48	7.69			
850	13.98	8.19	C	2.32	

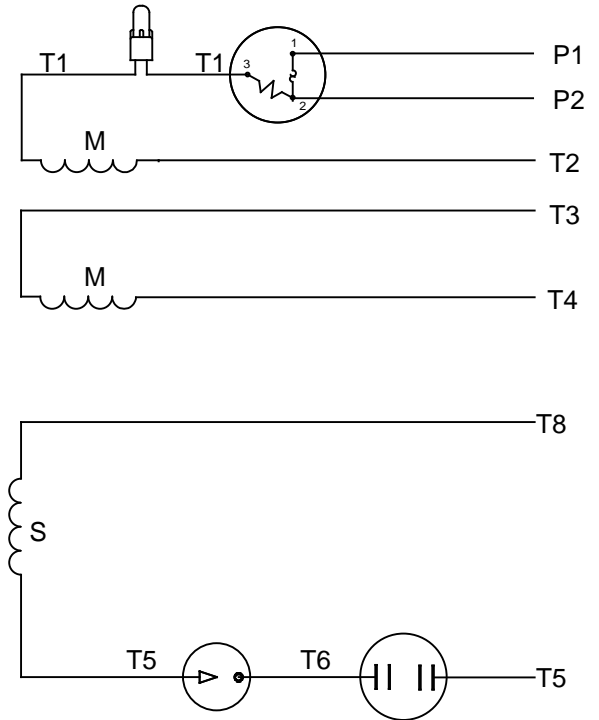
NOTES:  
 1) GASKETS THROUGHOUT

		TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN GRB 08/18/2008 CHK DJ 08/18/2008 APPR
		DEC	INCHES		SCALE 1:2
		x	±.1	TITLE OUTLINE - 56C FRAME	REF 033641
		.xx	±.03	TEFC - "C" FACE FARM DUTY	FMF 110492.00
		.xxx	±.005		
01	ADDED "XO" TABLE	GRB 12/10/2008	DJ .xxx	MATL	PAGE OF
NO	REVISION	BY & DATE	CHK ANG ±1/2"	FINISH	
	THIRD ANGLE PROJECTION		RFP 08/18/2008	PREV	SIZE B
			NETWORK FILE NAME		DRAWING NO 028865
					REV 01

# VIEW FROM OUTSIDE OF MOTOR AT SWITCH END



# LINE LEADS



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	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	---

		TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN WLV 08/20/79	
		DEC	INCHES			CHK	ADN 08/27/76
		.X	±.1			APPR	WRK 08/27/76
		.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM TYPE "C" W/PROTECTOR		SCALE 1:1	
06	REDRAWN IN SOLIDWORKS	VJB	7/22/2011	.XXX	±.005	REF	
05	REDRAWN ON CAD	DBT	05/27/97	.XXXX	±.0005	FMF	
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	PAGE OF
THIRD ANGLE PROJECTION		RFP		PREV		SIZE	DRAWING NO
		NETWORK FILE NAME		00500303		A	005003-03
							06

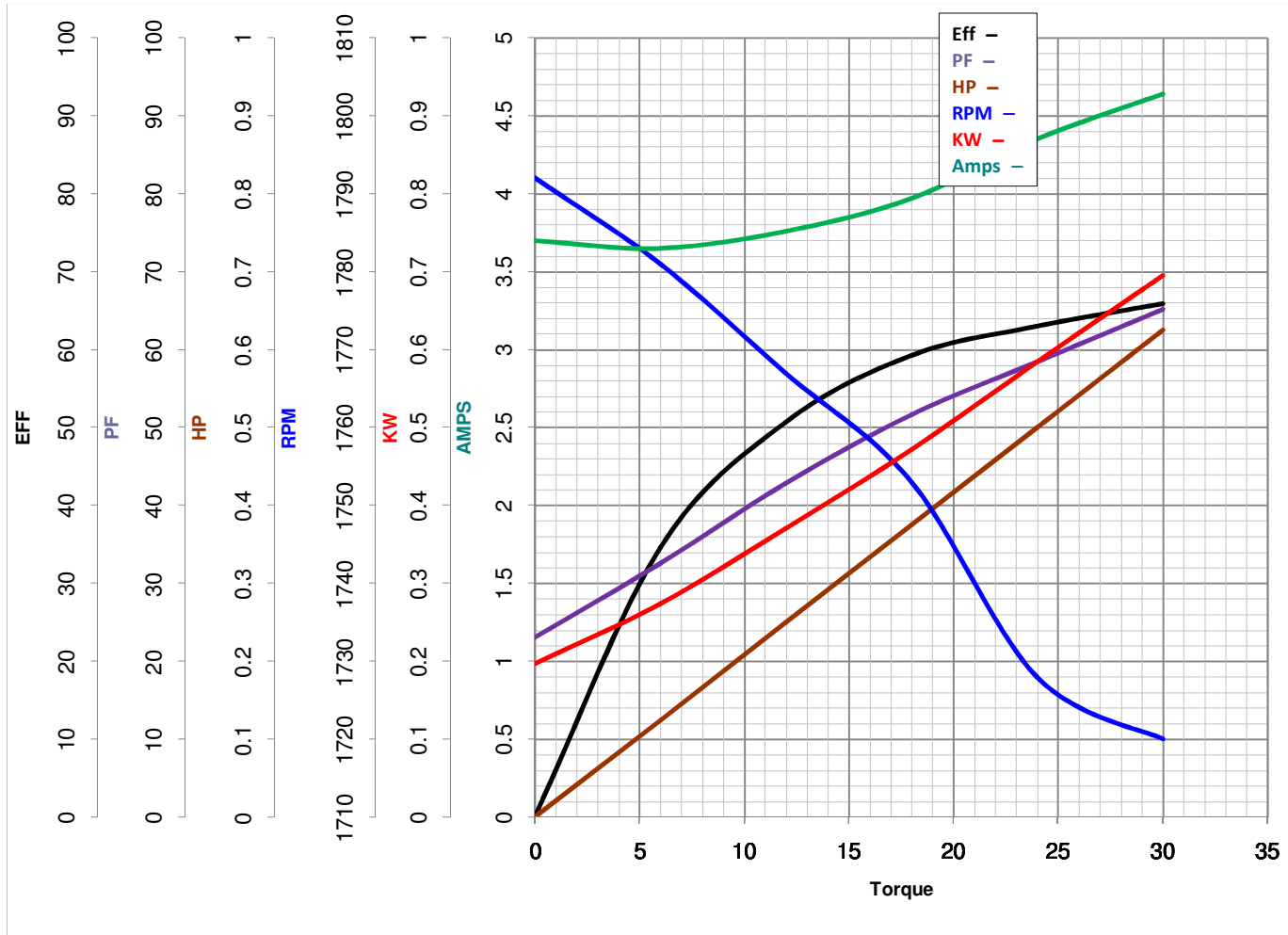


**LEESON ELECTRIC CORPORATION**  
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 110492

Catalog No 110492

Curve at 460 Volts      HP 0.50      PHASE 1  
60 HZ  
0.5 HP      VOLTS 115/208-230  
                                  HZ 60      RPM 1725



Torque in Oz.Ft

FL TORQUE 24 Oz.Ft  
 BD TORQUE 67.3 Oz.Ft  
 LR TORQUE 86.4 Oz.Ft

FL AMPS 8.8/4.4  
 PU TORQUE 64.5 Oz.Ft  
 LR AMPS 20.28

WINDING C634257-3

Date 3/23/2018