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

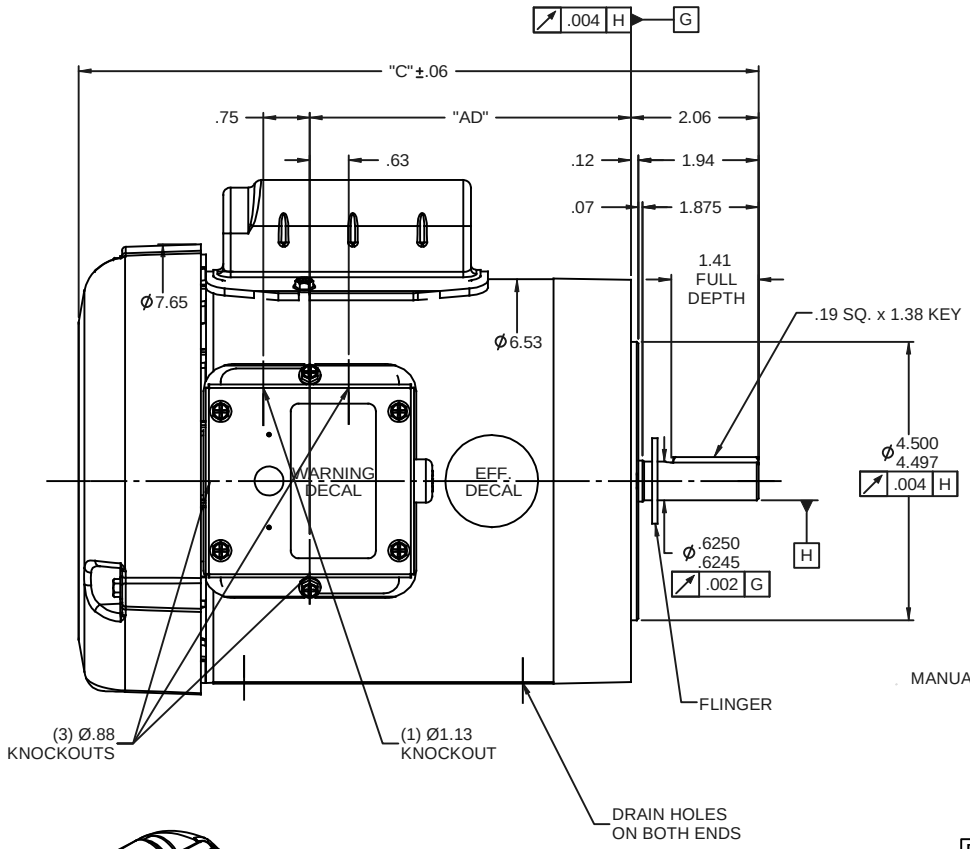
Product Information Packet: Model No: M6C17FC12J, Catalog No:110492.00 1/2HP..1725RPM.56.TEFC./V.1PH.60HZ.CONT.MANUAL.40C.1.15SF.ROUND.AG - FARM DUTY/GENERAL PURPOSE.M6C17FC12J

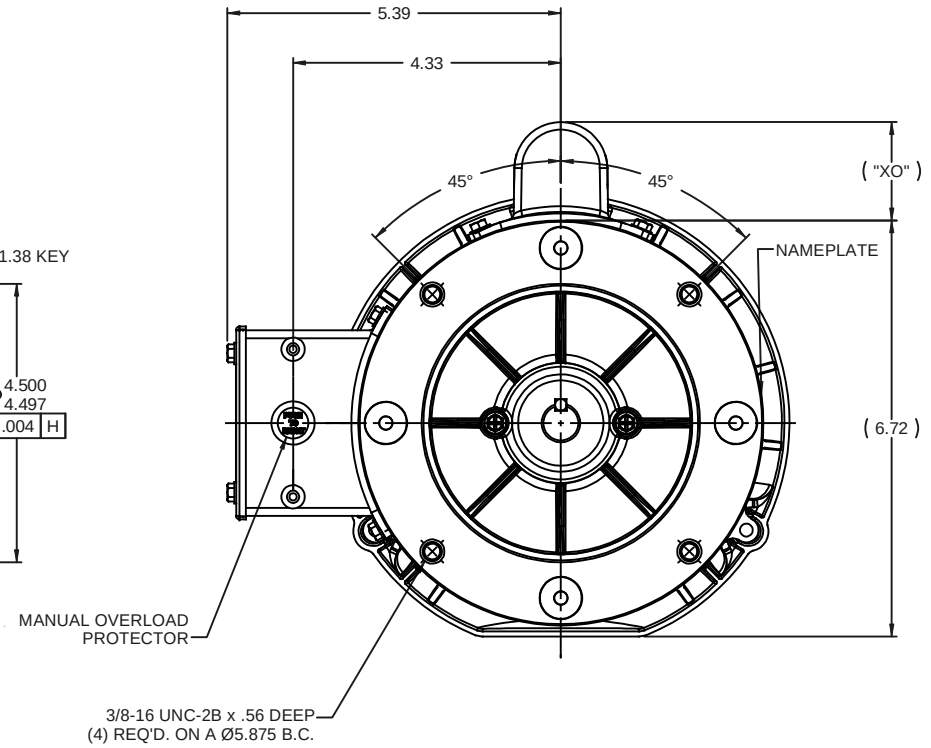
Nameplate Specifications

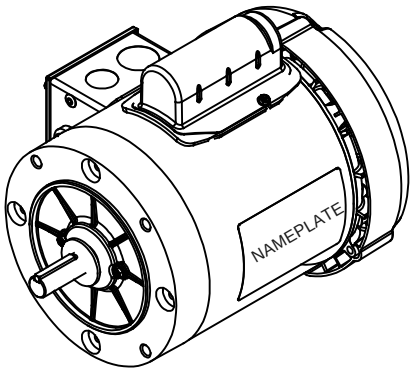
Output HP	**0.50 Hp**	Output KW	**0.37 kW**
Frequency	**60 Hz**	Voltage	**115/208-230 V**
Current	**8.8/4.4 A**	Speed	**1725 rpm**
Service Factor	**1.15**	Phase	**1**
Efficiency	**66 %**	Duty	**Continuous**
Insulation Class	**B**	Design Code	**N**
KVA Code	**L**	Frame	**56C**
Enclosure	**Totally Enclosed 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 Induction 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	**10.98 in**	Frame Length	**5.50 in**
Shaft Diameter	**0.625 in**	Shaft Extension	**1.88 in**
Assembly/Box Mounting	**F1 ONLY**		
Outline Drawing	**028865-550A**	Connection Diagram	**005003.03**







DASH NO.	"C"	"AD"
550	10.98	5.19
600	11.48	5.59
650	11.98	6.19
700	12.48	6.69
750	12.98	7.19
800	13.48	7.69
850	13.98	8.19

CAP DASH.	"XO"
A	1.61
B	2.08
C	2.32

NOTES:
1) GASKETS THROUGHOUT

NO	REVISION	BY & DATE	CHK
01	ADDED "XO" TABLE	GRB 12/10/2008	DJ

TOLERANCES UNLESS SPECIFIED
DEC INCHES
.X ±.1
.XX ±.03
.XXX ±.005
.XXXX ±.0005
ANG ±1/2°

THIRD ANGLE PROJECTION

RFP 08/18/2008
NETWORK FILE NAME

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

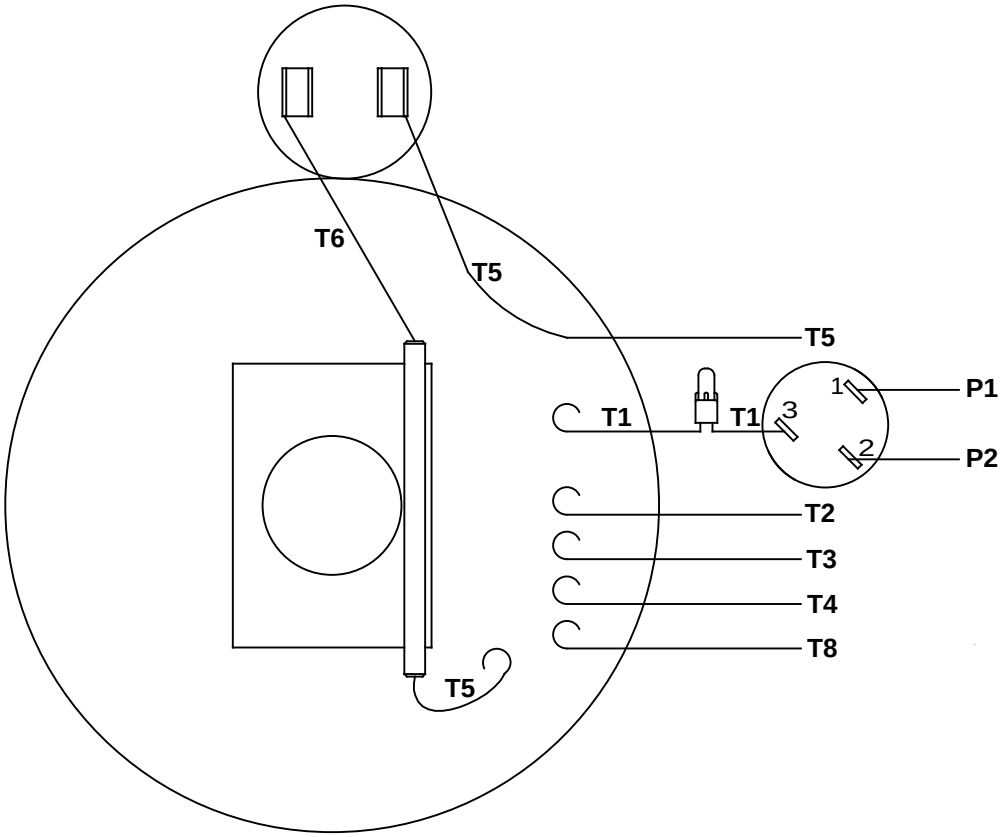
TITLE OUTLINE - 56C FRAME
TEFC - "C" FACE FARM DUTY

MAT'L
FINISH
PREV

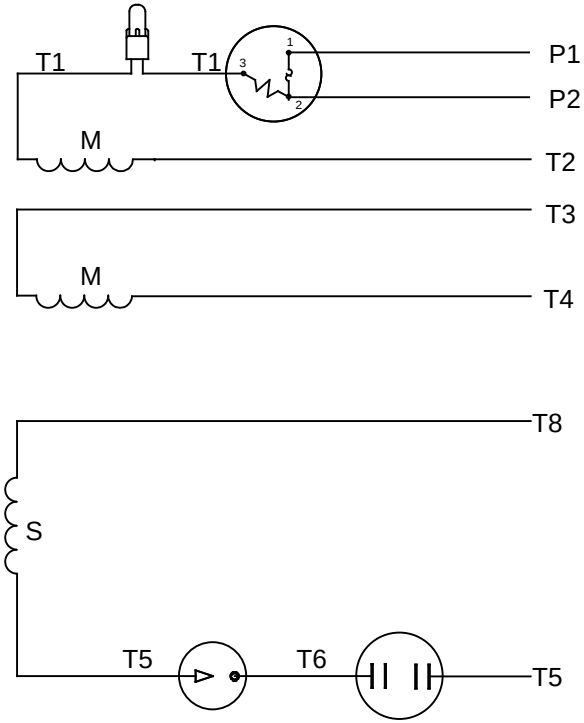
DRAWN GRB 08/18/2008
CHK DJ 08/18/2008
APPR
SCALE 1:2
REF 033641
FMF 110492.00
PAGE OF

SIZE B
DRAWING NO 028865
REV 01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END



LINE LEADS



	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	---

NO	REVISION	BY & DATE	CHK
06	REDRAWN IN SOLIDWORKS	VJB 7/22/2011	
05	REDRAWN ON CAD	DBT 05/27/97	

TOLERANCES UNLESS SPECIFIED

DEC	INCHES
.X	±.1
.XX	±.01
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

DRAWN	WLW 08/20/79
CHK	ADN 08/27/76
APPR	WRK 08/27/76
TITLE	EXTERNAL WIRING DIAGRAM TYPE "C" W/PROTECTOR
SCALE	1:1
REF	
MAT'L	DECAL - 004011
FMF	
FINISH	
PAGE	OF

THIRD ANGLE PROJECTION

RFP | PREV | NETWORK FILE NAME 00500303

SIZE A | DRAWING NO 005003-03 | REV 06

7/22/2011 1:42:19 PM

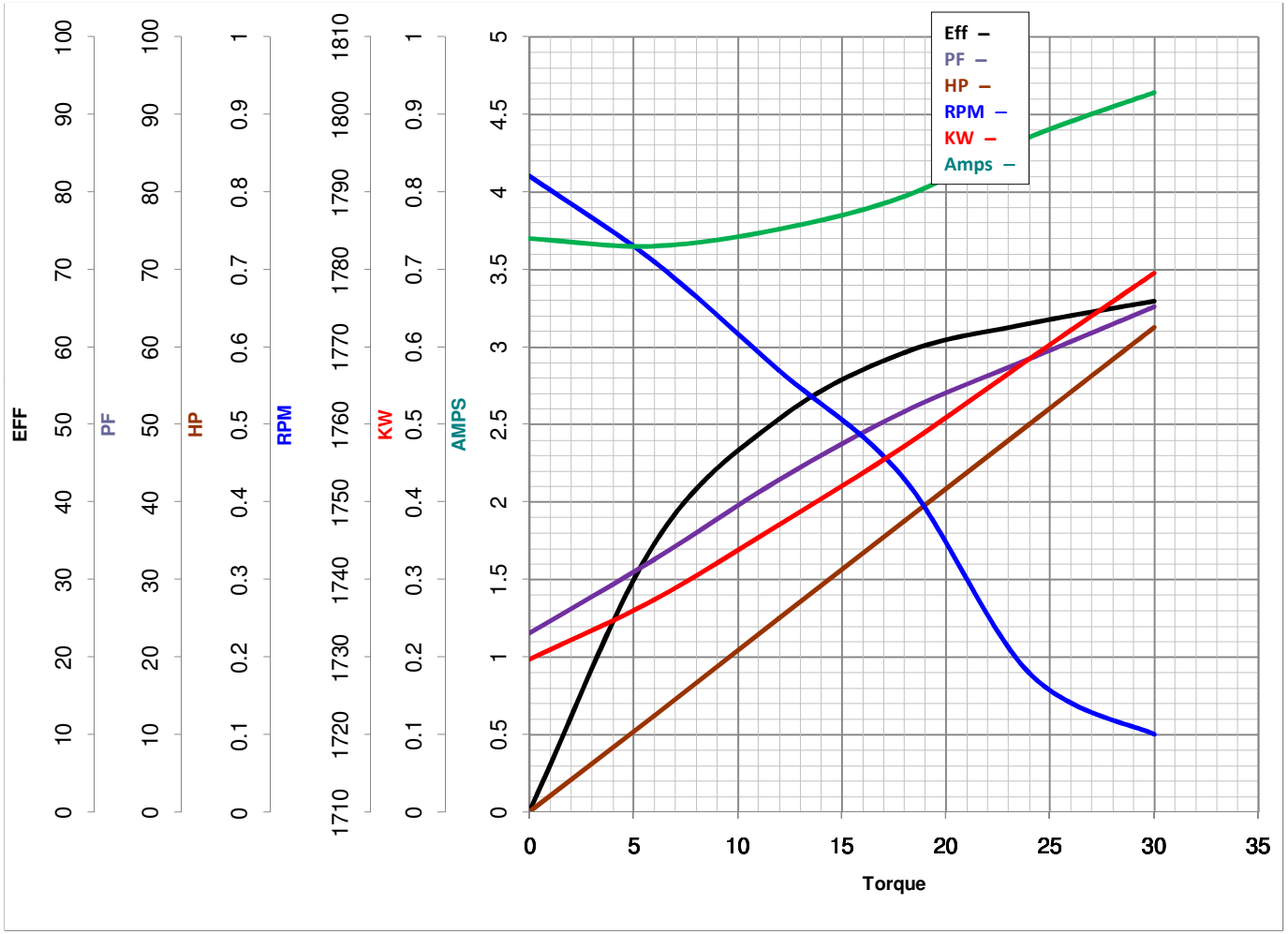
LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

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

Model No 110492

Catalog No 110492 **HZ** 60 **RPM** 1725



Torque in Oz.Ft

FL TORQUE	24	**Oz.Ft**	**FL AMPS**	8.8/4.4	
BD TORQUE	67.3	**Oz.Ft**	**PU TORQUE**	64.5	**Oz.Ft**
LR TORQUE	86.4	**Oz.Ft**	**LR AMPS**	20.28	
WINDING	C634257-3			**Date**	**3/23/2018**