

PRODUCT INFORMATION PACKET



Model No: 110494.00
Catalog No: 110494.00
Agricultural Motor, 1 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 56C Frame, TEFC

Operational at 115/208-230 V @60HZ



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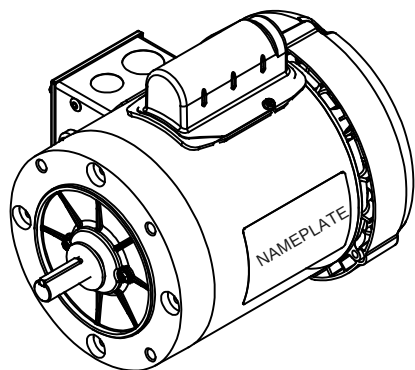
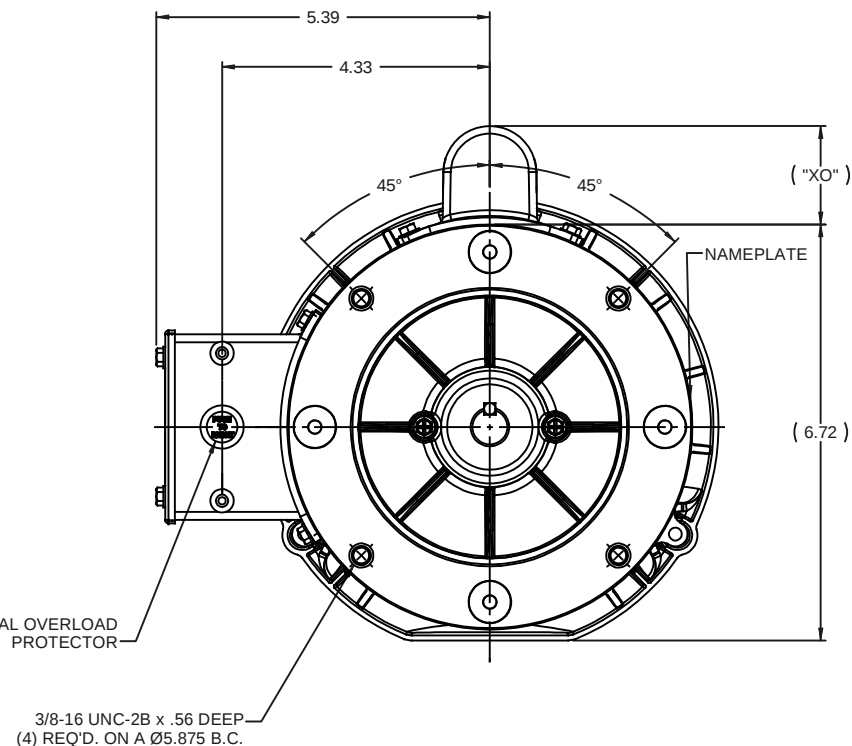
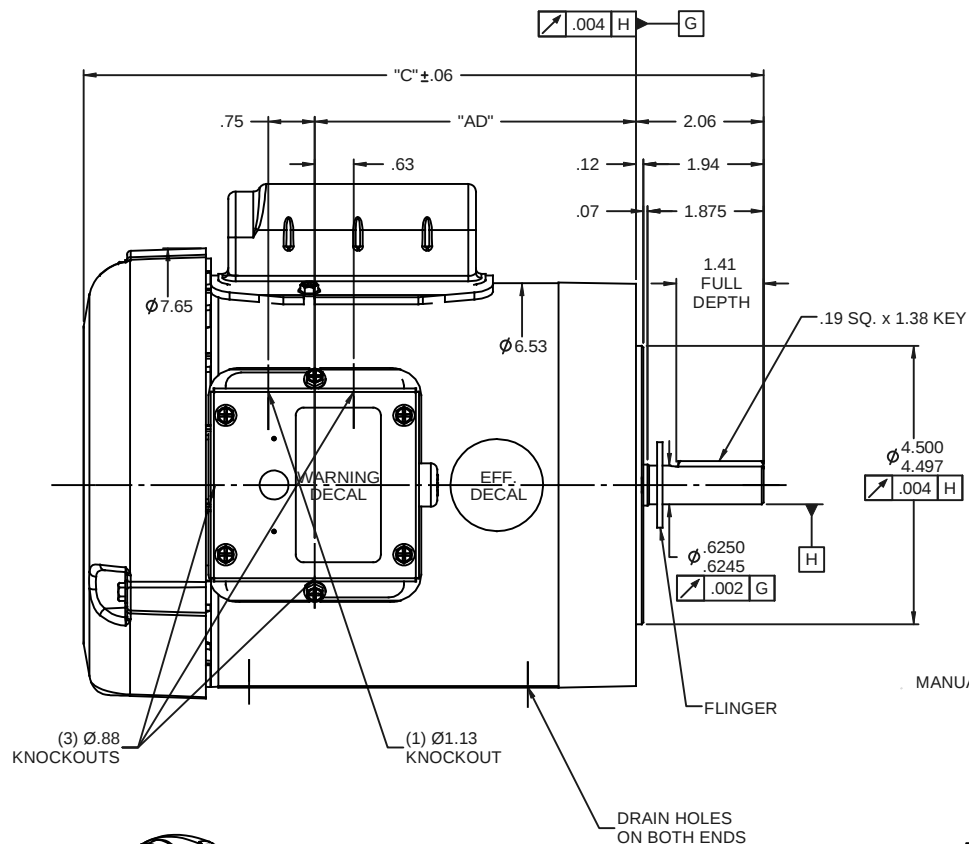
Nameplate Specifications

Phase	1	Output HP	1 Hp
Output KW	0.75 kW	Voltage	115/230 V
Speed	1725 rpm	Service Factor	1.0
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Efficiency	74 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	14.0/7.0 A	Power Factor	63
Duty	Continuous	Insulation Class	F
Design Code	N	KVA Code	K
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	1.8 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	11.98 in
Frame Length	6.50 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005003.03	Outline Drawing	028865-650B

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DASH NO.	"C"	"AD"	CAP DASH.	"XO"
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	A	1.61
800	13.48	7.69	B	2.08
850	13.98	8.19	C	2.32

NOTES:
 1) GASKETS THROUGHOUT

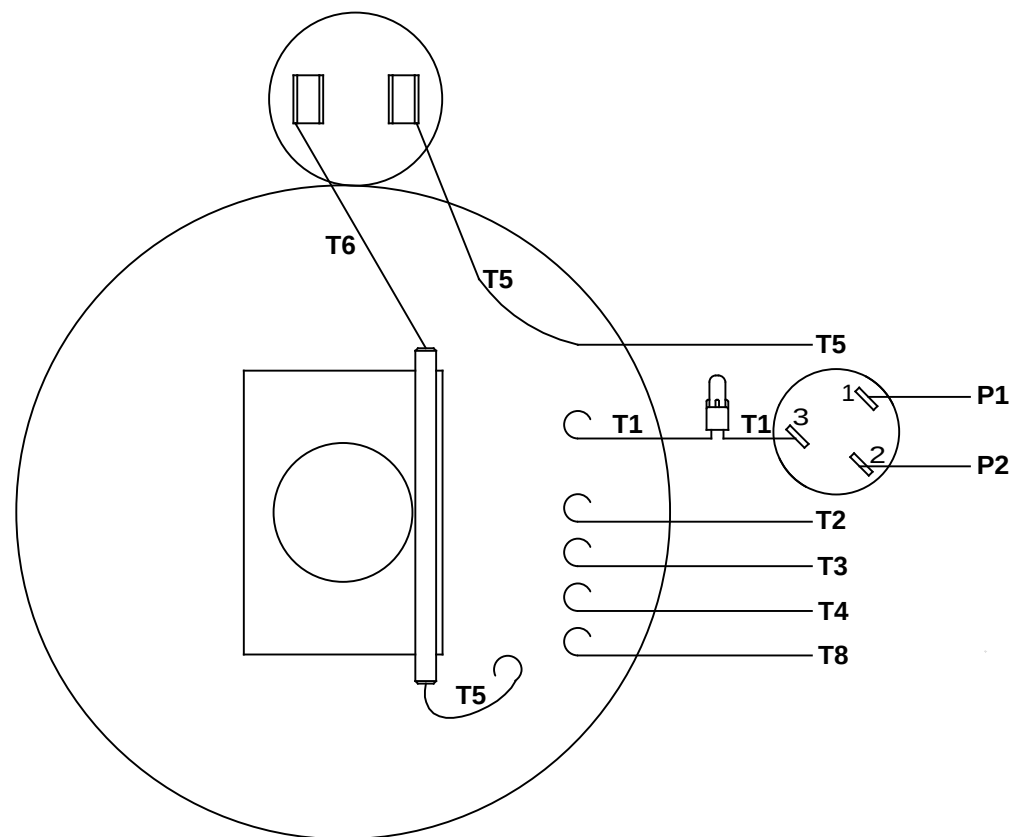
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		DEC INCHES		CHK DJ 08/18/2008	
		X ±.1		APPR	
		XX ±.03		SCALE 1:2	
		XXX ±.005		REF 033641	
01 ADDED "XO" TABLE		GRB 12/10/2008 DJ XXXX ±.0005		FMF 110492.00	
NO		REVISION		PAGE OF	
		BY & DATE		REV	
		CHK ANG ±1/2"		DRAWING NO	
		RFP 08/18/2008		REV	
		FINISH		028865	
		PREV		01	
		NETWORK FILE NAME			



**ELECTRIC MOTORS
 GEARMOTORS
 AND DRIVES**

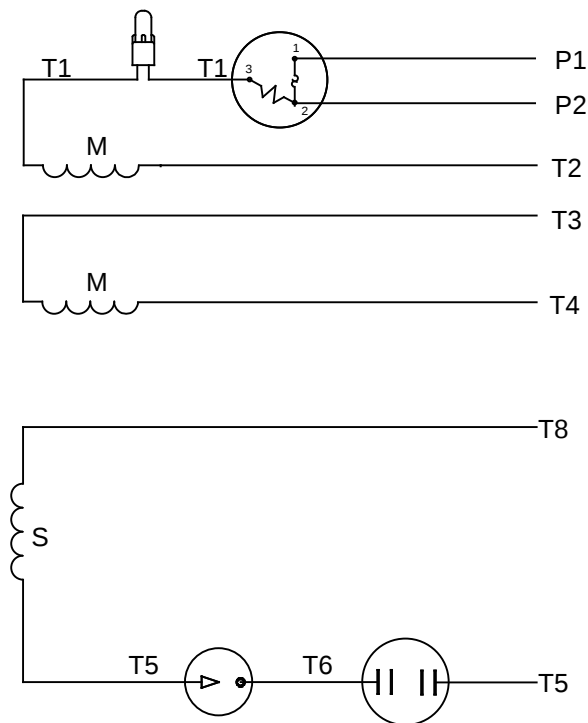
TITLE OUTLINE - 56C FRAME
 TEFC - "C" FACE FARM DUTY

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END

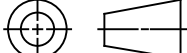


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LINE LEADS



	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	---

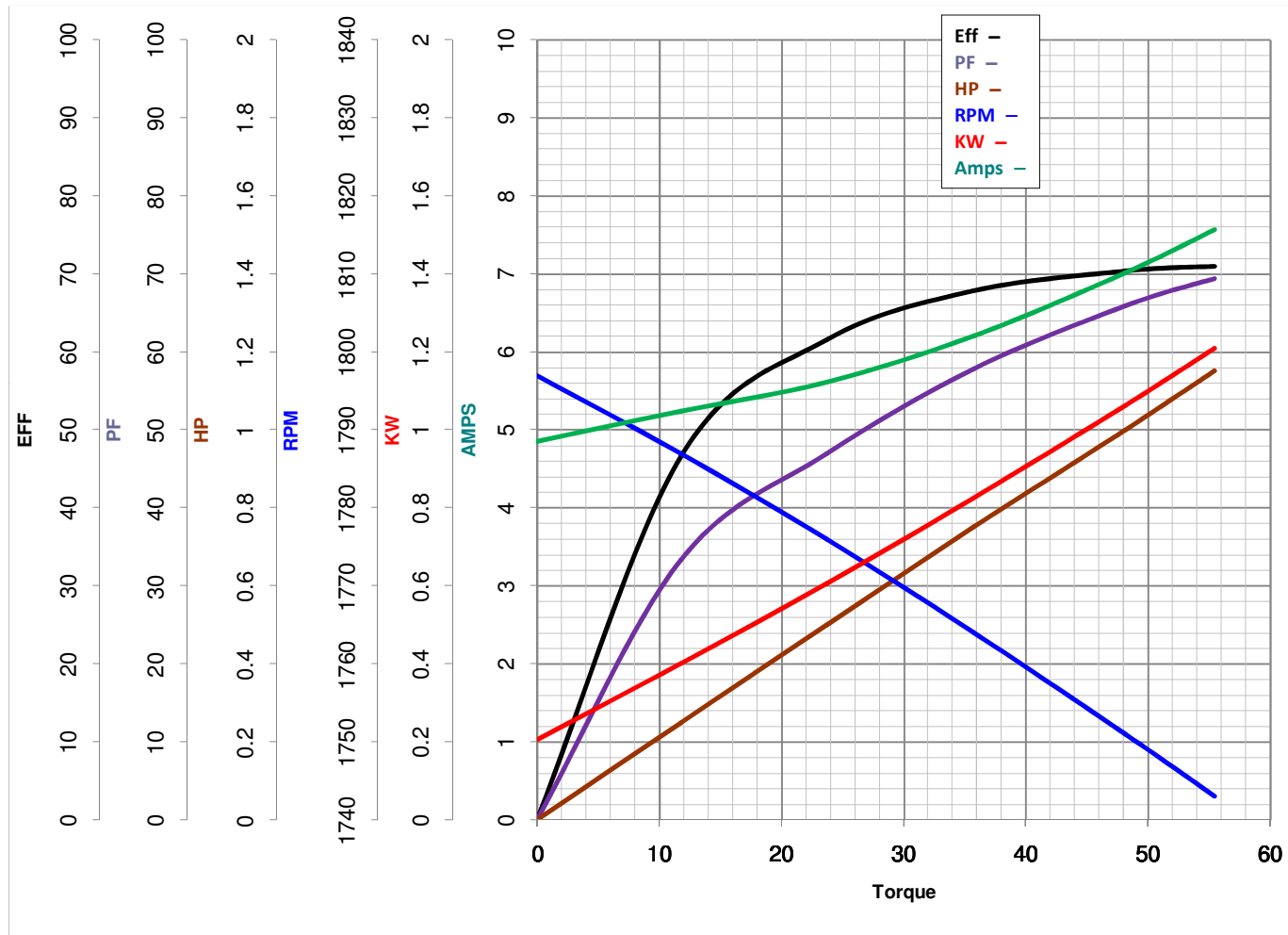
				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN WLW 08/20/79			
				DEC	INCHES				CHK	ADN 08/27/76		
				.X	±.1				APPR	WRK 08/27/76		
				.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM TYPE "C" W/PROTECTOR				SCALE 1:1		
06	REDRAWN IN SOLIDWORKS	VJB 7/22/2011	.XXX	±.005	REF							
05	REDRAWN ON CAD	DBT 05/27/97	.XXXX	±.0005	MAT'L DECAL - 004011	FMF						
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH				PAGE	OF	
THIRD ANGLE PROJECTION 			RFP		PREV				SIZE	DRAWING NO		REV
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LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 110494.00Curve at 230
60
1Volts
HZ
HPHP 1.00

VOLTS 115/208-230PHASE 1Catalog No 110494.00HZ 60RPM 1725

Torque in Oz.Ft

FL TORQUE 48.16 Oz.Ft
 BD TORQUE 132.6 Oz.Ft
 LR TORQUE 141.8 Oz.Ft

FL AMPS 14/7
 PU TORQUE 117.6 Oz.Ft
 LR AMPS 37.3

WINDING C634259-3

Date 3/23/2018