

PRODUCT INFORMATION PACKET



Model No: 111949.00
Catalog No: 111949.00
Agricultural Motor, 1.50 HP, 1 Ph, 60 Hz, 115/230 V, 3600 RPM, 56Z Frame, TEAO

Operational at 115/208-230 V @60HZ



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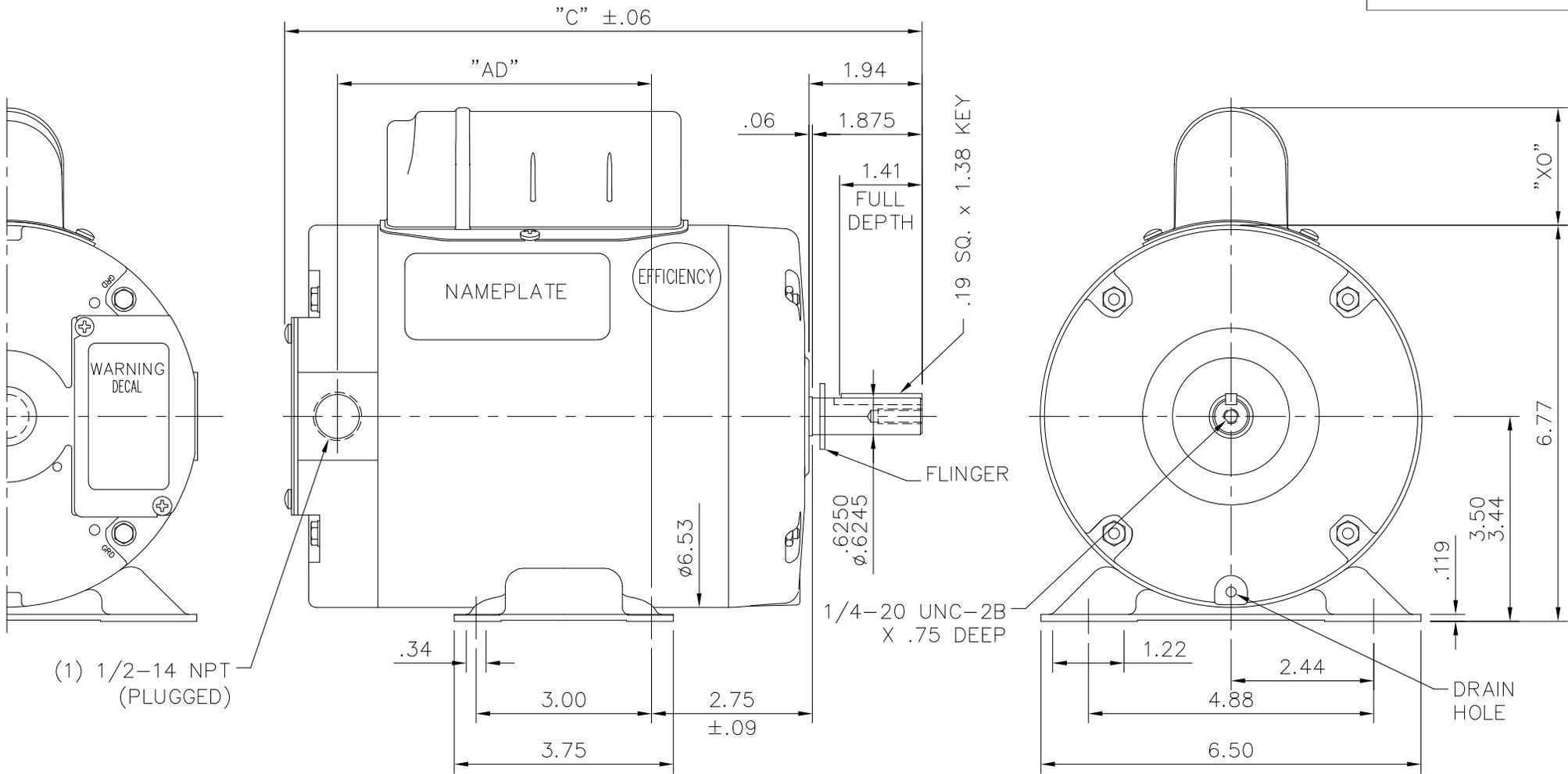


Nameplate Specifications

Phase	1	Output HP	1.50 Hp
Output KW	1.1 kW	Voltage	115/230 V
Speed	3450 rpm	Service Factor	1.0
Frame	56Z	Enclosure	Totally Enclosed Air Over
Thermal Protection	No Protection	Efficiency	72 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	17.0/8.5 A	Power Factor	80
Duty	Continuous	Insulation Class	B
Design Code	L	KVA Code	H
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	2	Rotation	Selective Counterclockwise
Resistance Main	1.32 Ohms	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	11.40 in
Frame Length	6.50 in	Shaft Diameter	0.625 in
Shaft Extension	1.87 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005005.52	Outline Drawing	028597-650B

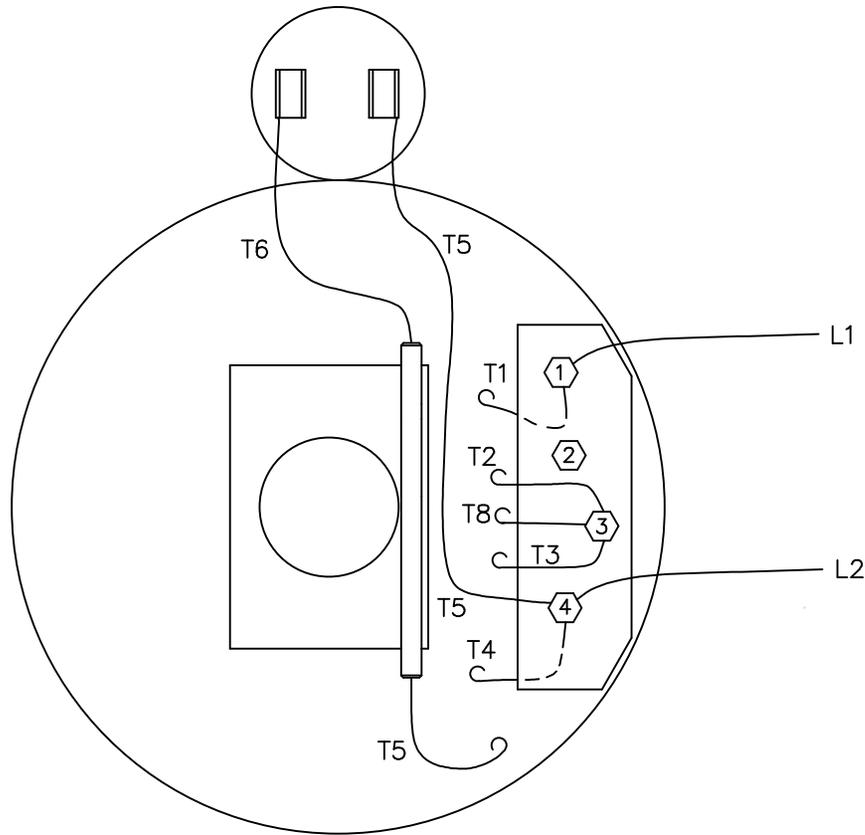


DASH NO.	"C"	"AD"	TOLERANCES UNLESS SPECIFIED	
			DEC.	INCHES
500	9.90	4.37	.X	±.1
550	10.40	4.87	.XXX	±.005
600	10.90	5.37	.XXXX	±.0005
650	11.40	5.87	ANG	±1/2"

GASKETS THROUGHOUT

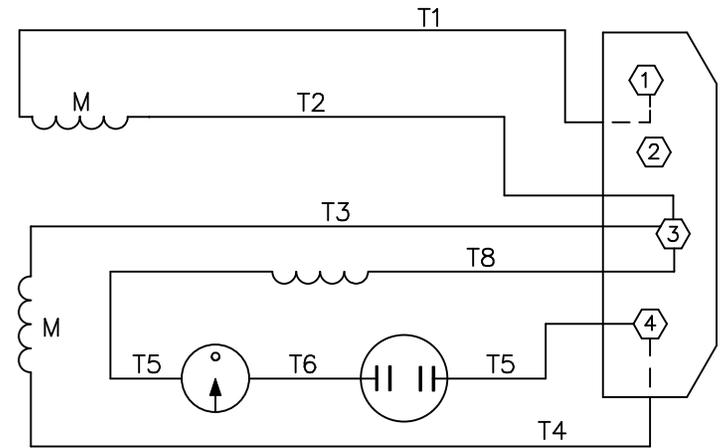


				TOLERANCES UNLESS SPECIFIED		DRAWN RDW 6/28/04	
				DEC.	INCHES	CHK	
				.X	±.1	APPD SW 6/28/04	
C	UPDATED NP METAL TO MYLAR AS PER ECR-0221943	AP 11/02/22	PP .XX	±.03	TITLE		SCALE 3=8
B	UPDATED WARNING DECAL	KB 09/30/21	AS .XXX	±.005	OUTLINE - 56Z FRAME		REF
A	ADDED FLINGER	DS 06/12/18	AS .XXXX	±.0005	TENV - RIGID		FMF
NO.	REVISION	BY & DATE	CHK ANG	±1/2"	MAT'L. FAN DUTY		PREV
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	6/28/04	CAD FILE	028597
				DIST	BRF-NLV	SIZE	DRAWING NO.
						A	028597
						REV. C	



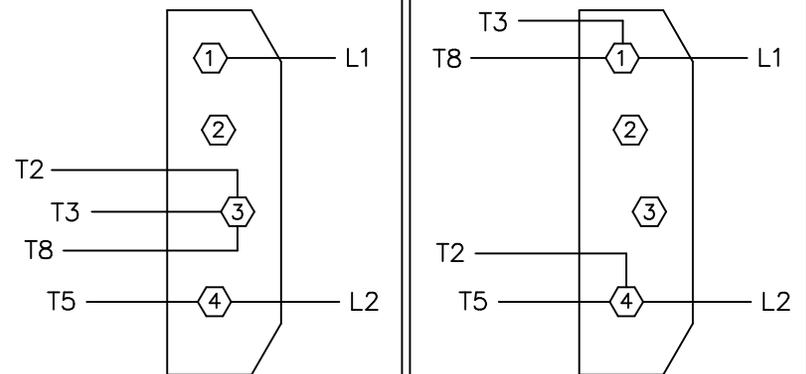
VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

LINE LEADS



HIGH VOLTAGE

LOW VOLTAGE



C.C.W. ROTATION FACING LEAD END
INTERCHANGE LEADS T5 & T8 FOR C.W.

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN PG 9/14/05
				DEC.	INCHES		CHK
				.X	±.1		APPD
				.XX	±.01		SCALE 1=1
				.XXX	±.005		REF 005005-24
				.XXXX	±.0005	MAT'L. DECAL 081209-01	FMF 115950.00
NO.	REVISION	BY & DATE	CHK	ANG ±1/2'	FINISH STANDARD	PREV	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	CAD FILE 00500552	SIZE A	DRAWING NO. 005005-52
				DIST			REV.



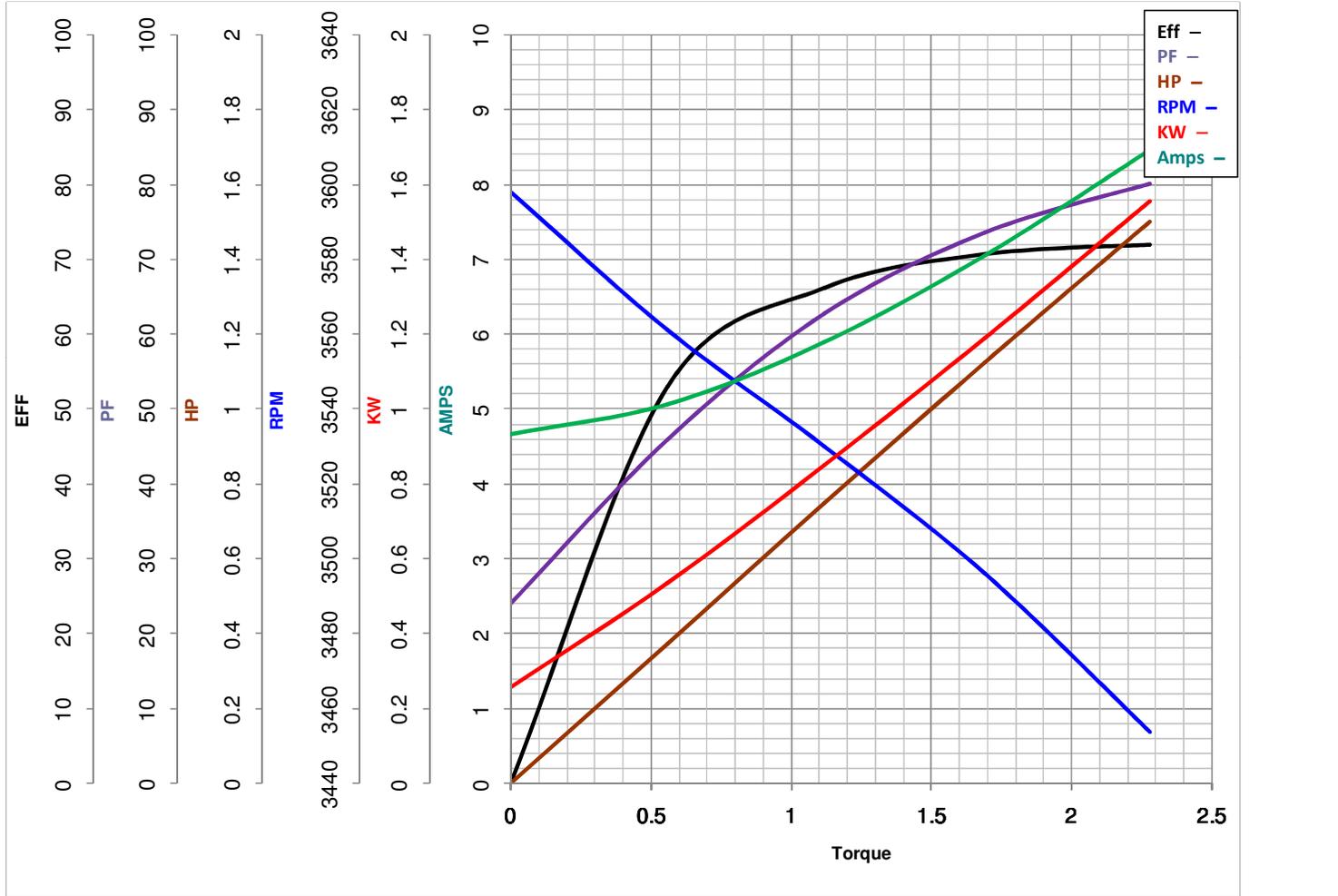
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 111949.00

Curve at 230 Volts HP 1.50 PHASE 1
60 HZ
1.5 HP VOLTS 115/208-230

Catalog No 111949.00

HZ 60 RPM 3450



Torque in Lb.Ft

FL TORQUE 2.28 Lb.Ft
 BD TORQUE 5.6 Lb.Ft
 LR TORQUE 5.5 Lb.Ft

FL AMPS 17/9-8.5
 PU TORQUE 5.3 Lb.Ft
 LR AMPS 46

WINDING C632212-3

Date 4/12/2018