

PRODUCT INFORMATION PACKET



Model No: A4P11NZ85A

Catalog No: A099462.00

1/2HP..1060RPM.48Y.TEAO.115/230V.1PH.60HZ.CONT.40C.1.0SF.RIGID.....AG-FAN.....

Agricultural



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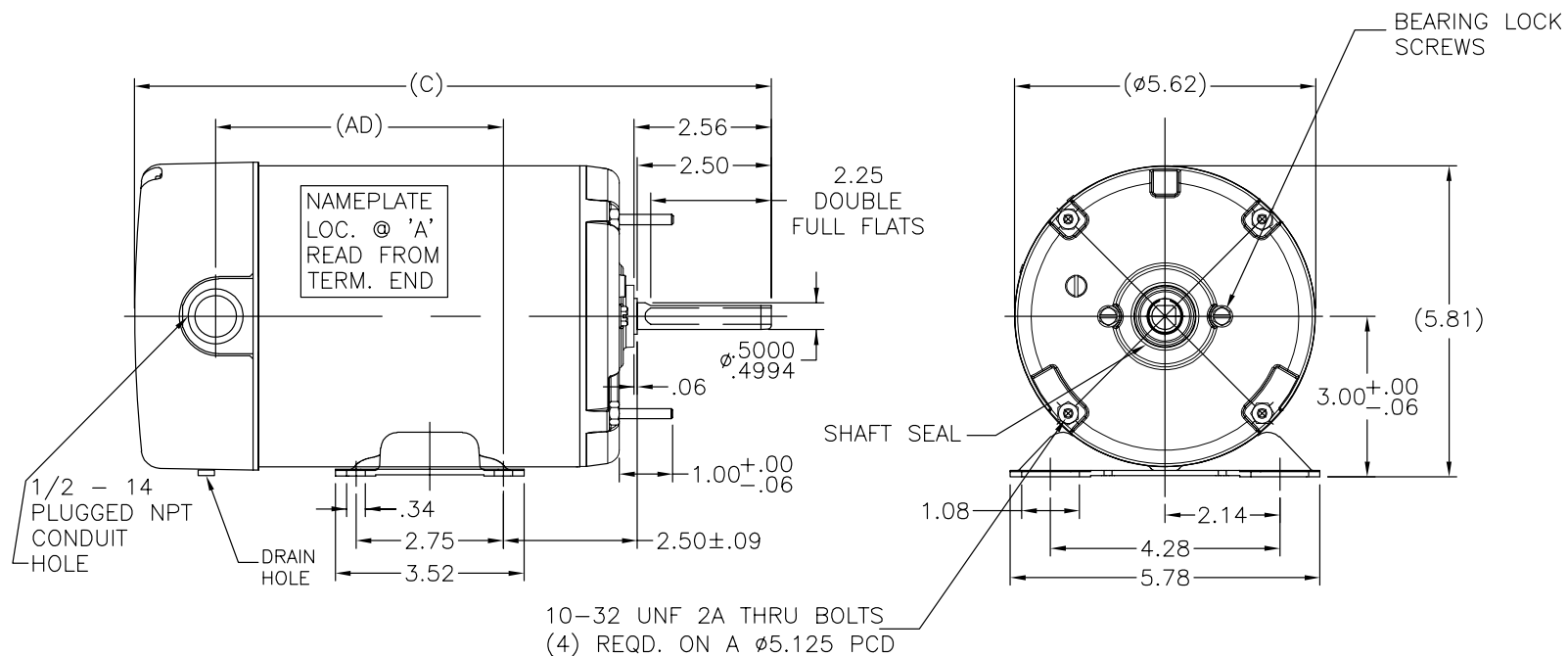
Nameplate Specifications

Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115/230 V
Current	5.5/2.8 A	Speed	1075 rpm
Service Factor	1	Phase	1
Efficiency	68.9 %	Duty	Continuous
Insulation Class	F	Design Code	N
KVA Code	D	Frame	48Z
Enclosure	Totally Enclosed Air Over	Overload Protector	Automatic Lock Rotor Only
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	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Selective Counterclockwise
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	Single Special Extension
Overall Length	10.89 in	Frame Length	5.50 in
Shaft Diameter	0.500 in	Shaft Extension	2.24 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	A-SS404060-550	Connection Diagram	A-005109-15

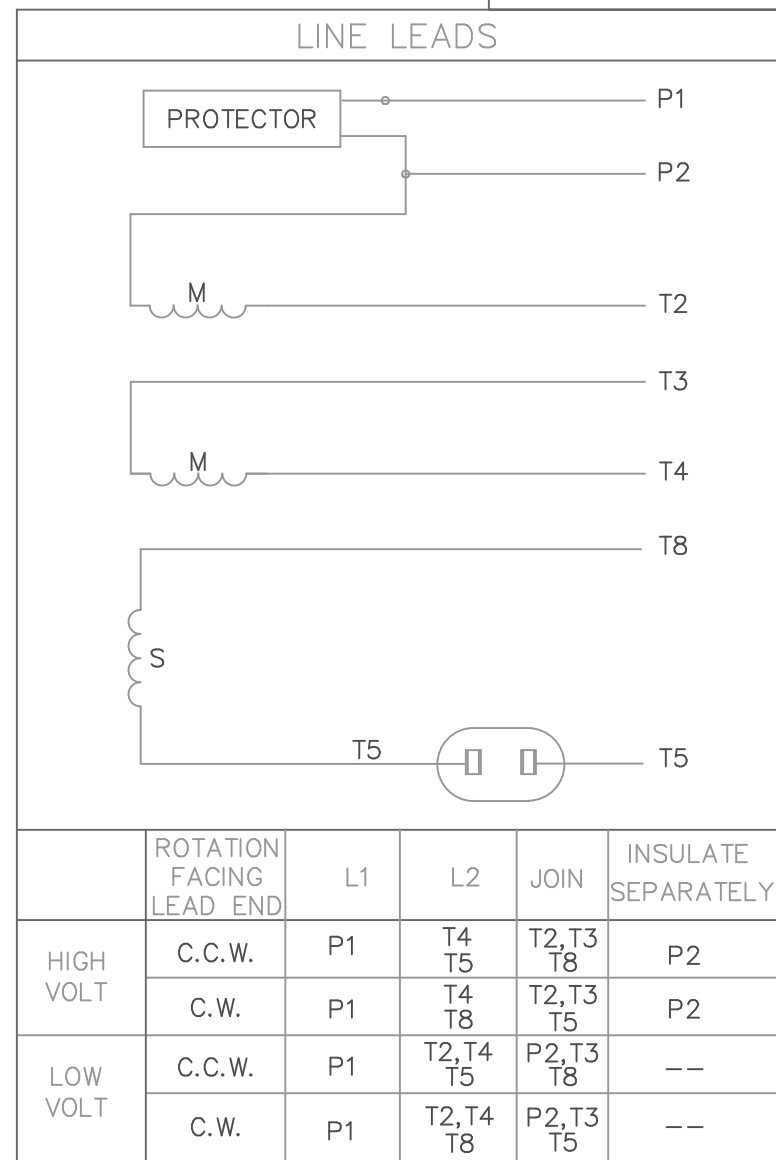
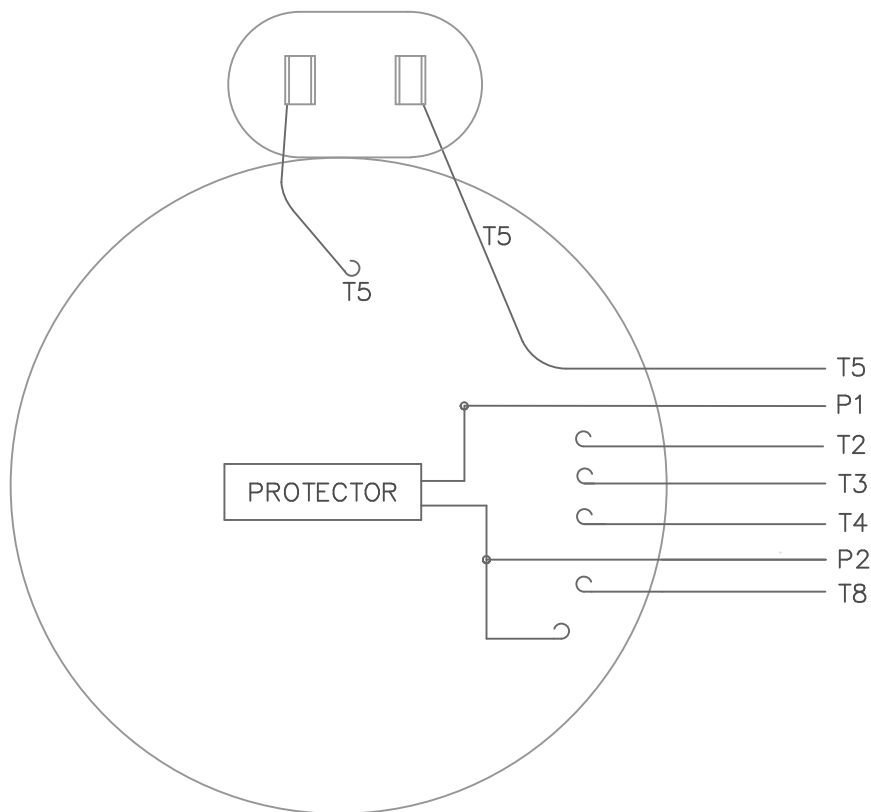
SS404060



DASH NO.	"C"	"AD"
475	10.64	4.12
500	10.89	4.37
525	11.14	4.62
550	11.39	4.87
600	11.89	5.37

			TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN KR 02/05/2014	
			DEC.	INCHES		CHK VS 02/05/2014	
			.X	$\pm .1$		APPD	
			.XX	$\pm .03$		SCALE 1:1	
			.XXX	$\pm .005$	TITLE OUTLINE - PSC - TENV ENCLOSURE 48Z-TWO COMP.-RIGID	REF OLPR132173	
			PI .XXXX	$\pm .0005$		FMF A099899.00	
A	UPDATED NAMEPLATE LOCATION PER ECO-0062305	PST 12/5/14	CHK ANG	$\pm 7'30''$	MAT'L.	PREV	
NO.	REVISION	BY & DATE	RFP	CAD FILE SS404060	SIZE A	DRAWING NO. SS404060	PAGE OF REV. A
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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



			TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN PG 3/4/02				
			DEC.	INCHES		CHK				
			.X	±.1		APPD				
			.XX	±.01		SCALE 1=1				
			.XXX	±.005		REF 005109-01				
			.XXXX	±.0005	MAT'L. DECAL - 004011		FMF 102675			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		PREV		
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			DIST				A	005109-15		

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LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Curve at

230

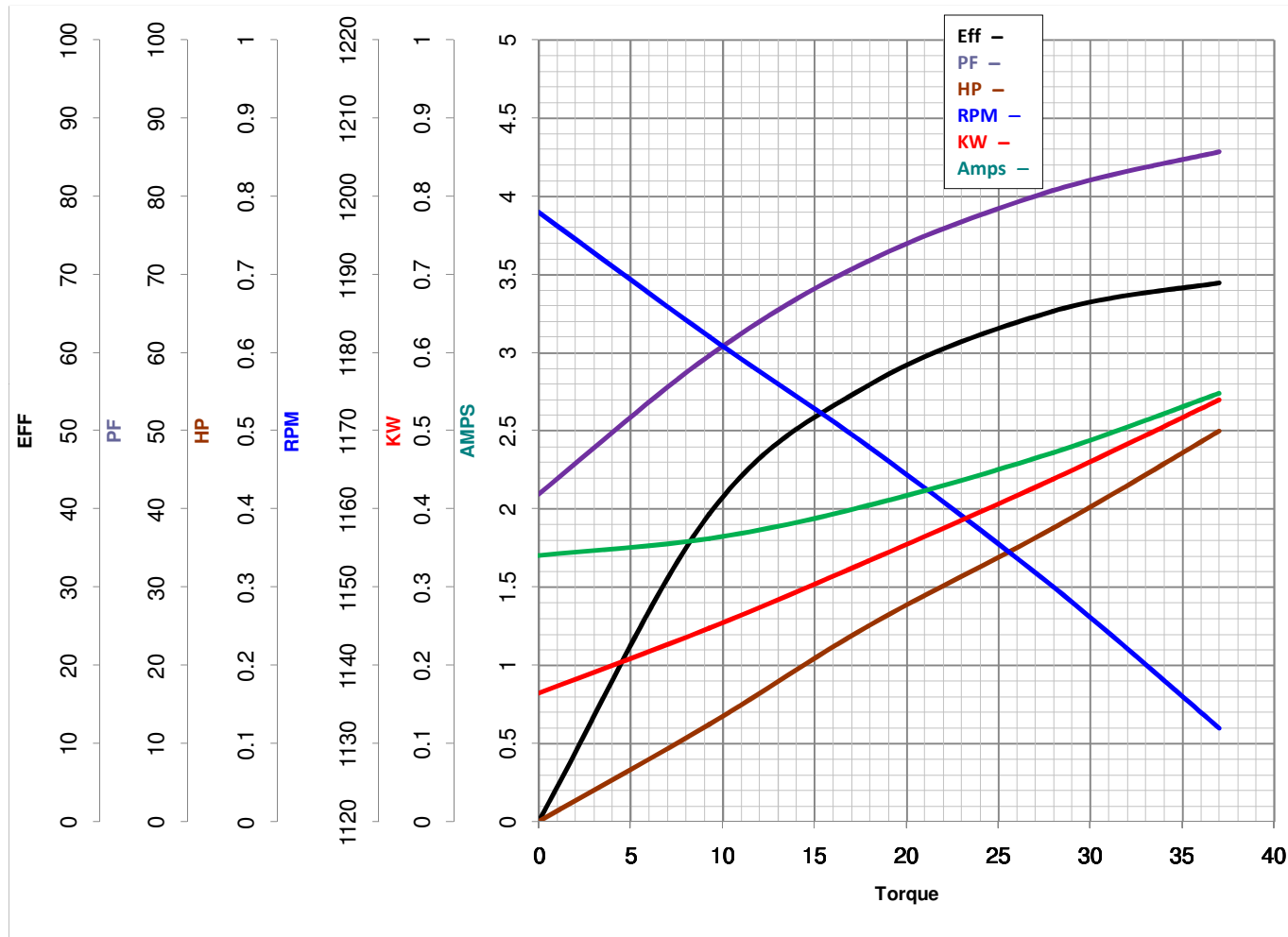
Volts

HP 0.50PHASE 160

HZ

VOLTS 115/2300.5

HP

HZ 60RPM 1075

Torque in Oz.Ft

FL TORQUE 37 Oz.FtBD TORQUE 72.0 Oz.FtLR TORQUE 19 Oz.Ft

WINDING PE4862006-3

FL AMPS 5.5/2.75PU TORQUE 17.0 Oz.FtLR AMPS 19Date 4/23/2018