

# PRODUCT INFORMATION PACKET



Model No: A4P11NB54A

Catalog No: A099946.00

A099946.00..1/2HP..1060RPM.48Y.TENV.115/230V.1PH.60HZ.AIROVER.40C.1.0SF.RIGID.A4P11NB54A....

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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>115/230 V</b>
Current	<b>4.9/2.5 A</b>	Speed	<b>1075 rpm</b>
Service Factor	<b>1</b>	Phase	<b>1</b>
Efficiency	<b>73.2 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>N</b>
KVA Code	<b>C</b>	Frame	<b>48Z</b>
Enclosure	<b>Totally Enclosed Air Over</b>	Overload Protector	<b>Automatic Lock Rotor Only</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>Permanent Split Capacitor</b>	Starting Method	<b>Across The Line</b>
Poles	<b>6</b>	Rotation	<b>Selective Counterclockwise</b>
Mounting	<b>Rigid base</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>Single Special Extension</b>
Overall Length	<b>11.90 in</b>	Frame Length	<b>6.75 in</b>
Shaft Diameter	<b>0.500 in</b>	Shaft Extension	<b>2.24 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>A-SS404022-675</b>	Connection Diagram	<b>A-005109-15</b>


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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



	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 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		
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 00510915		SIZE A	DRAWING NO. 005109-15	REV.
				DIST						



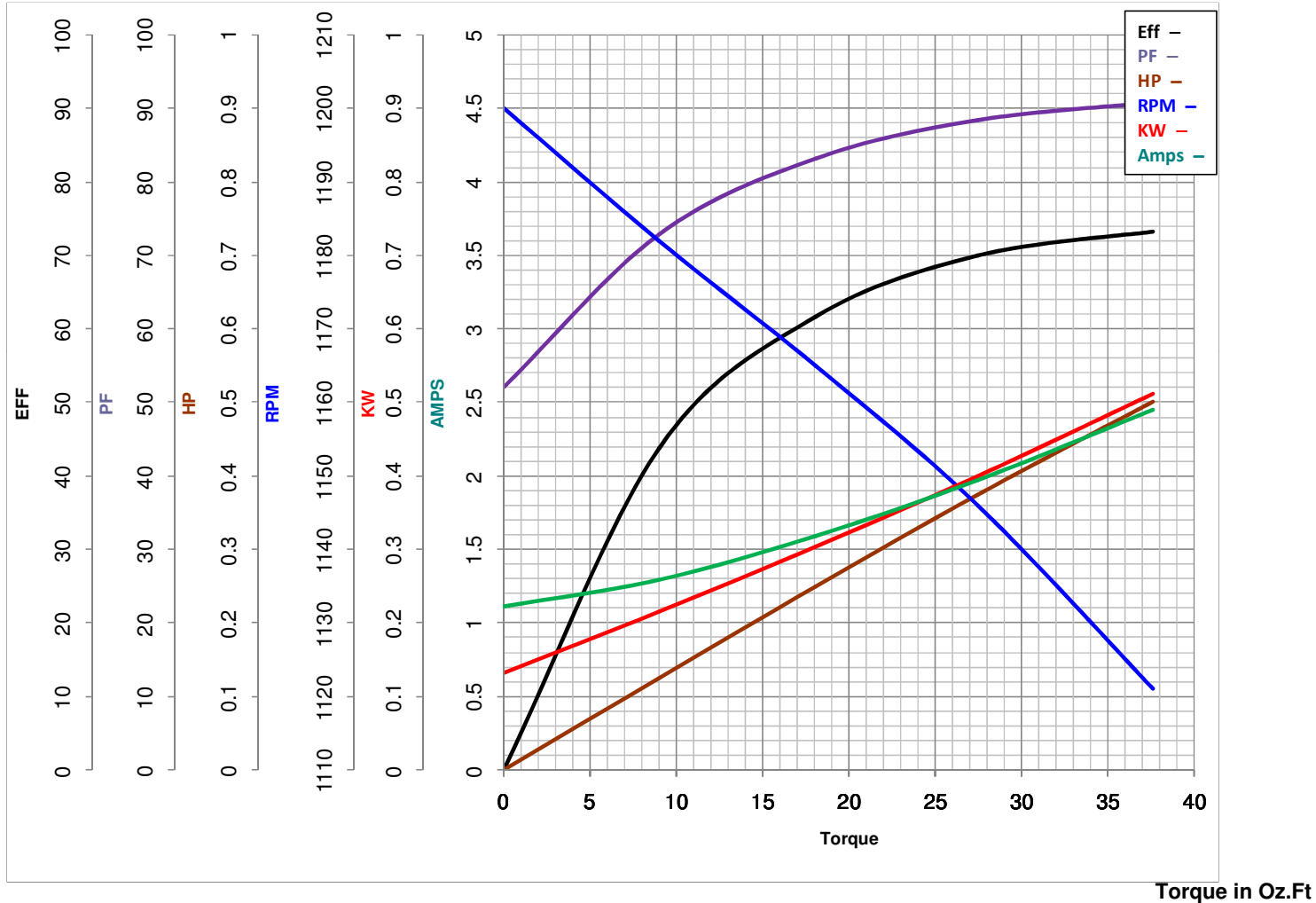
**LEESON ELECTRIC CORPORATION**  
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No A099946.00

Curve at 230 Volts      HP 0.50      PHASE 1  
60 HZ  
0.5 HP      VOLTS 115/230

Catalog No A099946.00

HZ 60      RPM 1075



<b>FL TORQUE</b>	<u>37.6</u> Oz.Ft	<b>FL AMPS</b>	<u>4.9/2.45</u>
<b>BD TORQUE</b>	<u>68.5</u> Oz.Ft	<b>PU TORQUE</b>	<u>19.6</u> Oz.Ft
<b>LR TORQUE</b>	<u>20.2</u> Oz.Ft	<b>LR AMPS</b>	<u>8.4</u>
<b>WINDING</b>	PE4861812-3	<b>Date</b>	3/27/2018