

PRODUCT INFORMATION PACKET



Model No: A4P8NC2-A

Catalog No: M099251.00

1/2HP..850RPM.48Y.TENV.115/230V.1PH.60HZ.AIROVER.AUTOMATIC.40C.1.0SF.C FACE.AG -
FHP.A4P8NC2-A

Direct Drive



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Nameplate Specifications

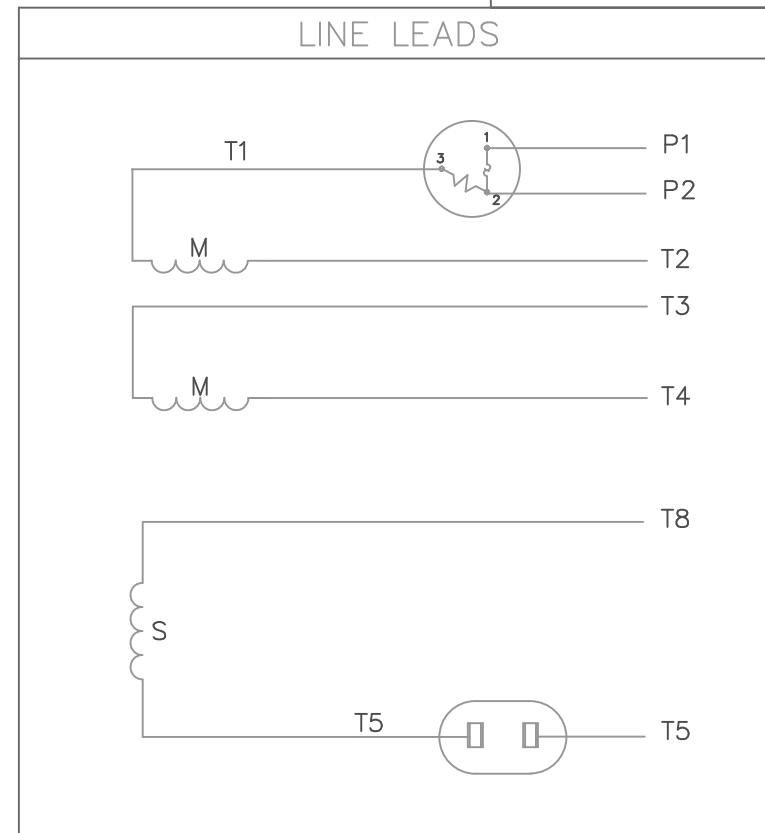
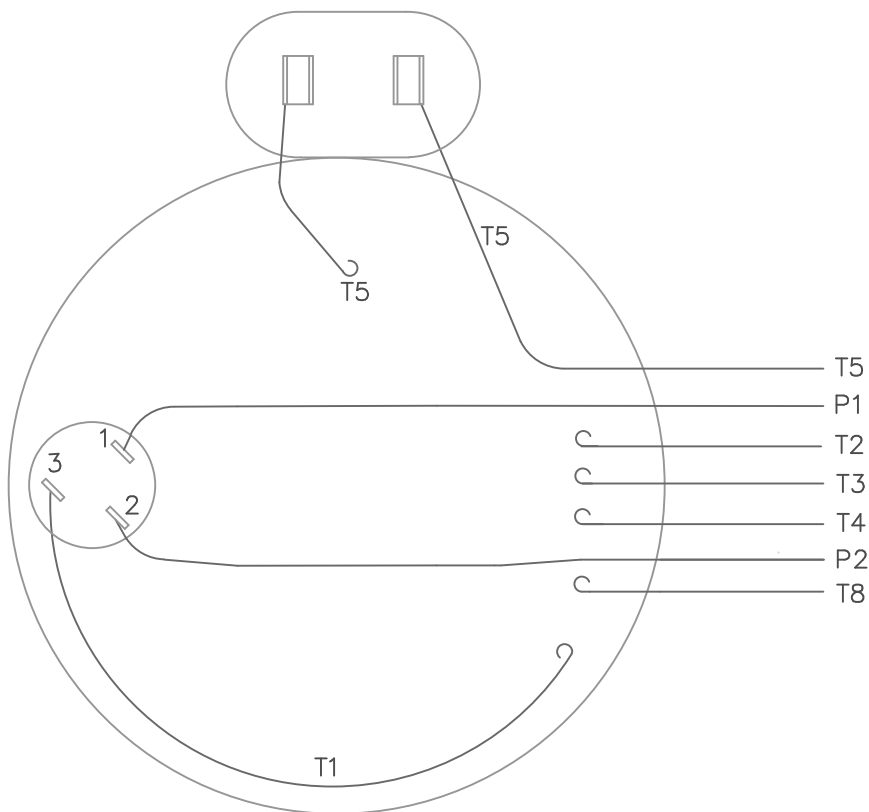
Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115/230 V
Current	6.0/3.0 A	Speed	850 rpm
Service Factor	1	Phase	1
Efficiency	67 %	Duty	Continuous
Insulation Class	B	Design Code	N
KVA Code	B	Frame	48Y
Enclosure	Totally Enclosed Air Over	Overload Protector	Automatic
Ambient Temperature	40 °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	8	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	10.40 in	Shaft Diameter	0.625 in
Shaft Extension	1.77 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	16991700-M099251	Connection Diagram	005109.01

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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 OTHERWISE SPECIFIED			LEESON ELECTRIC CORPORATION				
				DEC.	INCHES	METRIC					
				.X	±	±	DRAWN JRW 10/01/75		TITLE EXTERNAL WIRING DIAGRAM TYPE "P" W/PROTECTOR		
				.XX	±	±	APPR. JBM 10/02/75				
08	REDRAWN ON CAD	DBT 05/28/97		.XXX	±	±	R.F.P.		MAT'L. DECAL - 004011 BRF		
NO.	REVISION	BY & DATE	CH'K'D.	.XXXX	±	±	SCALE 1=1				
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				FRACTIONS	±		REF.	005003	FINISH	REV. 08	DRAWING NO. 005109-01
				ANGLES	±		FMF	W-P5567			

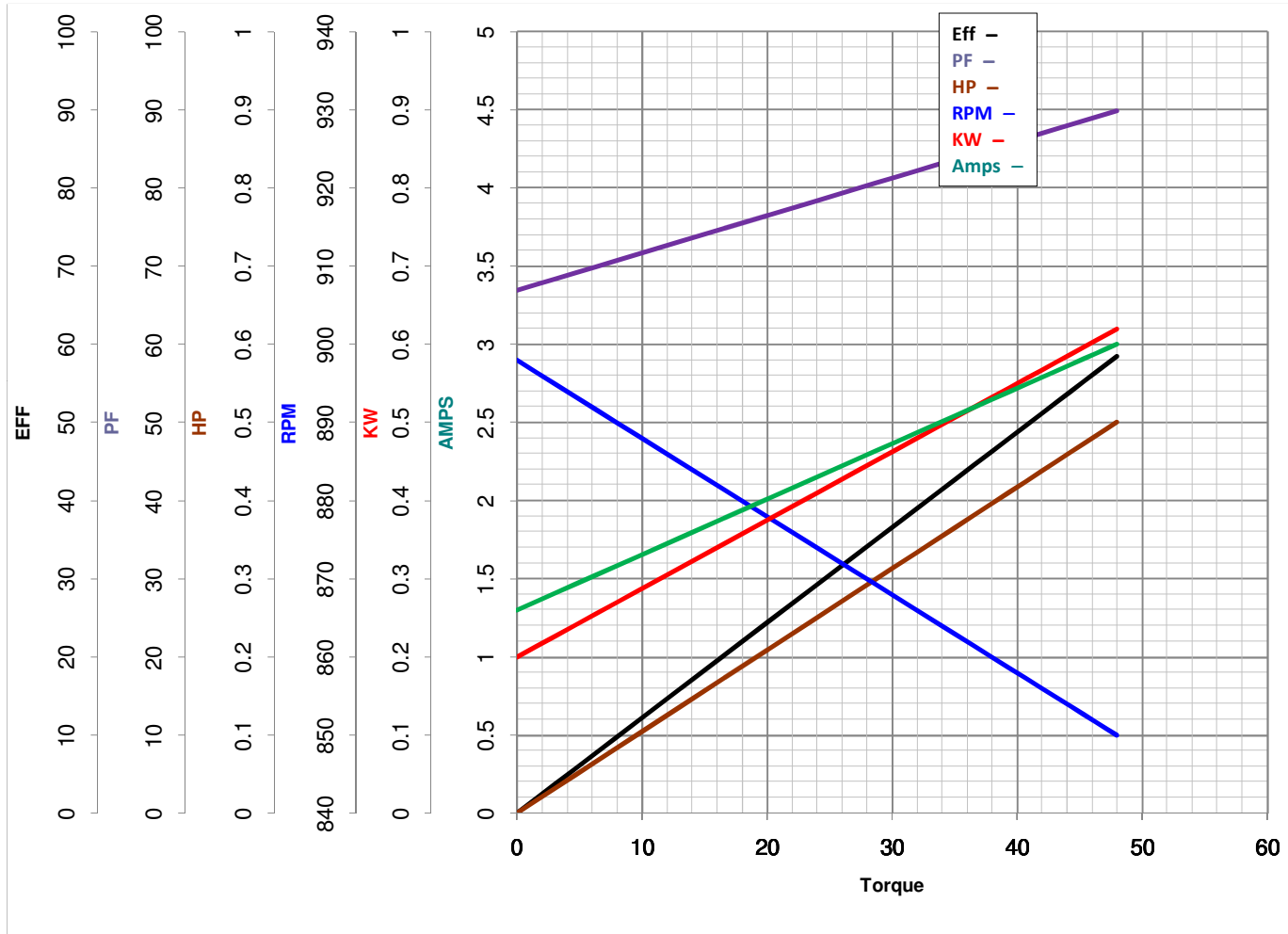


LEESON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No M099251.00

Catalog No M099251.00

Curve at 230 Volts HP 0.50 PHASE 1
60 HZ
0.5 HP VOLTS 115/230
HZ 60 RPM 850



Torque in Oz.Ft

FL TORQUE 48 Oz.Ft
 BD TORQUE 72.0 Oz.Ft
 LR TORQUE 17 Oz.Ft

FL AMPS 6.0/3.0
 PU TORQUE 16.0 Oz.Ft
 LR AMPS 8

WINDING QP5582-3

Date 3/22/2018