

Volts	460	Max RPM	3000	Conn Diag.	CD0006B03	Leads	3
Amps	3.7	Max Amps		Cs Diagram	CS1126	BEMF	172
HP	3	VFD#	ECI4A4P1			LD	51
RPM	1800	S.F.	1.00			LQ	177
Phase/Hz	3/60	Rating	40C AMB CONT			Rs	3.8460 Meas. L-L

60034-2-3 Motor Performance at Standardized Operating Points

	RPM	% Speed	LB-FT	% Torque	HP	Efficiency	Loss (% FL)	Watts Loss (W)
P1	1627	90%	8.8	100%	2.7	91.3	8.59%	194
P2	904	50%	8.8	100%	1.5	89.3	6.00%	136
P3	452	25%	8.8	100%	0.8	83.4	4.94%	112
P4	1628	90%	4.4	50%	1.4	91.8	3.99%	90
P5	904	50%	4.4	50%	0.8	89.9	2.80%	63
P6	904	50%	2.2	25%	0.4	87.9	1.70%	39
P7	452	25%	2.2	25%	0.2	83.7	1.21%	27

61800-9-2 PDS Performance at Reference Operating Points

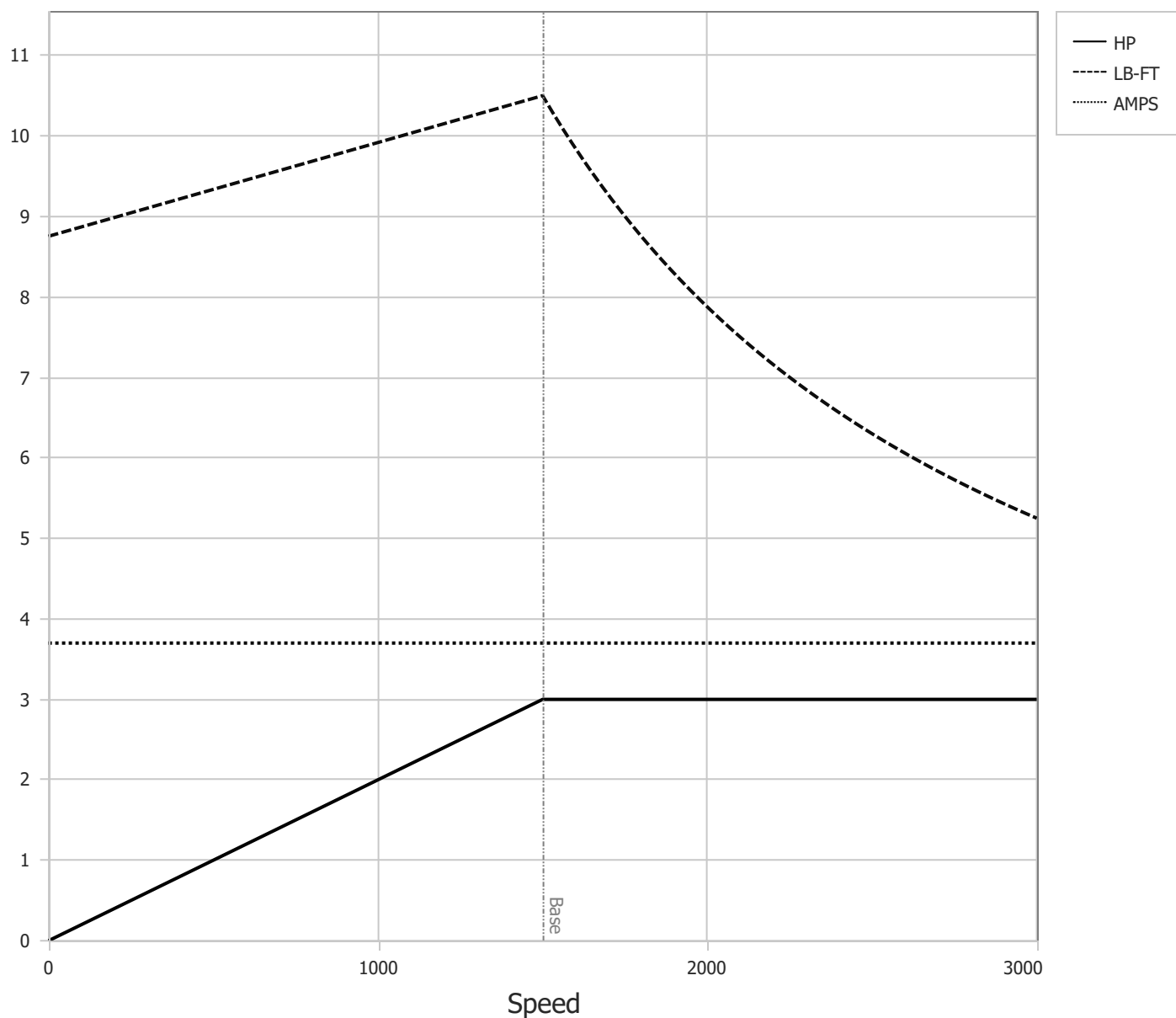
	RPM	% Speed	LB-FT	% Torque	HP	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1804	100%	8.8	100%	3.0	89.8	11.23%	254
P2	904	50%	8.8	100%	1.5	84.8	8.87%	201
P3	301	17%	8.8	100%	0.5	69.2	7.37%	167
P4	1809	100%	4.4	50%	1.5	88.5	6.44%	146
P5	904	50%	4.4	50%	0.8	84.1	4.70%	106
P6	301	17%	4.4	50%	0.3	68.2	3.86%	87
P7	904	50%	2.2	25%	0.4	80.2	3.06%	69
P8	301	17%	2.2	25%	0.1	62.6	2.46%	56

Points not taken in certified order.

BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	36WGA0025 36-0000-3655 Test - 111781
	CK By:	<u>USBIBAK</u>		
	APP By:	<u>USJAROB1</u>		
	Date:	<u>01/09/2025</u>		

Volts	460	Max RPM	3000	Conn Diag.	CD0006B03	Leads	3
Amps	3.7	Max Amps		Cs Diagram	CS1126	BEMF	172
HP	3	VFD #	ECI4A4P1			LD	51
RPM	1800	S.F.	1.00			LQ	177
Phase/Hz	3/60	Rating	40C AMB CONT			Rs	3.8460 Meas L-L

Constant Duty Operating Range



BALDOR • RELIANCE

DR By: R & D
 CK By: USBIBAK
 APP By: USJAROB1
 Date: 01/09/2025

**AC MOTOR
PERFORMANCE
CURVES**

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 36-0000-3655
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