

Volts	208-230	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	7.4-7.3	Max Amps		Cs Diagram	CS1127	BEMF	106
HP	3	VFD#	ECIN2A10P5			LD	14.4
RPM	1800	S.F.	1.00			LQ	54.4
Phase/Hz	3/60	Rating	40C AMB-CONT			Rs	1.0504 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	1629	90%	8.8	100%	2.7	92.0	7.86%	178
P2	904	50%	8.8	100%	1.5	90.1	5.50%	125
P3	452	25%	8.8	100%	0.8	84.6	4.51%	102
P4	1628	90%	4.4	50%	1.4	92.3	3.75%	85
P5	905	50%	4.4	50%	0.8	90.7	2.54%	58
P6	905	50%	2.2	25%	0.4	89.2	1.51%	34
P7	452	25%	2.2	25%	0.2	86.7	0.96%	22

61800-9-2 PDS Performance at Reference Operating Points

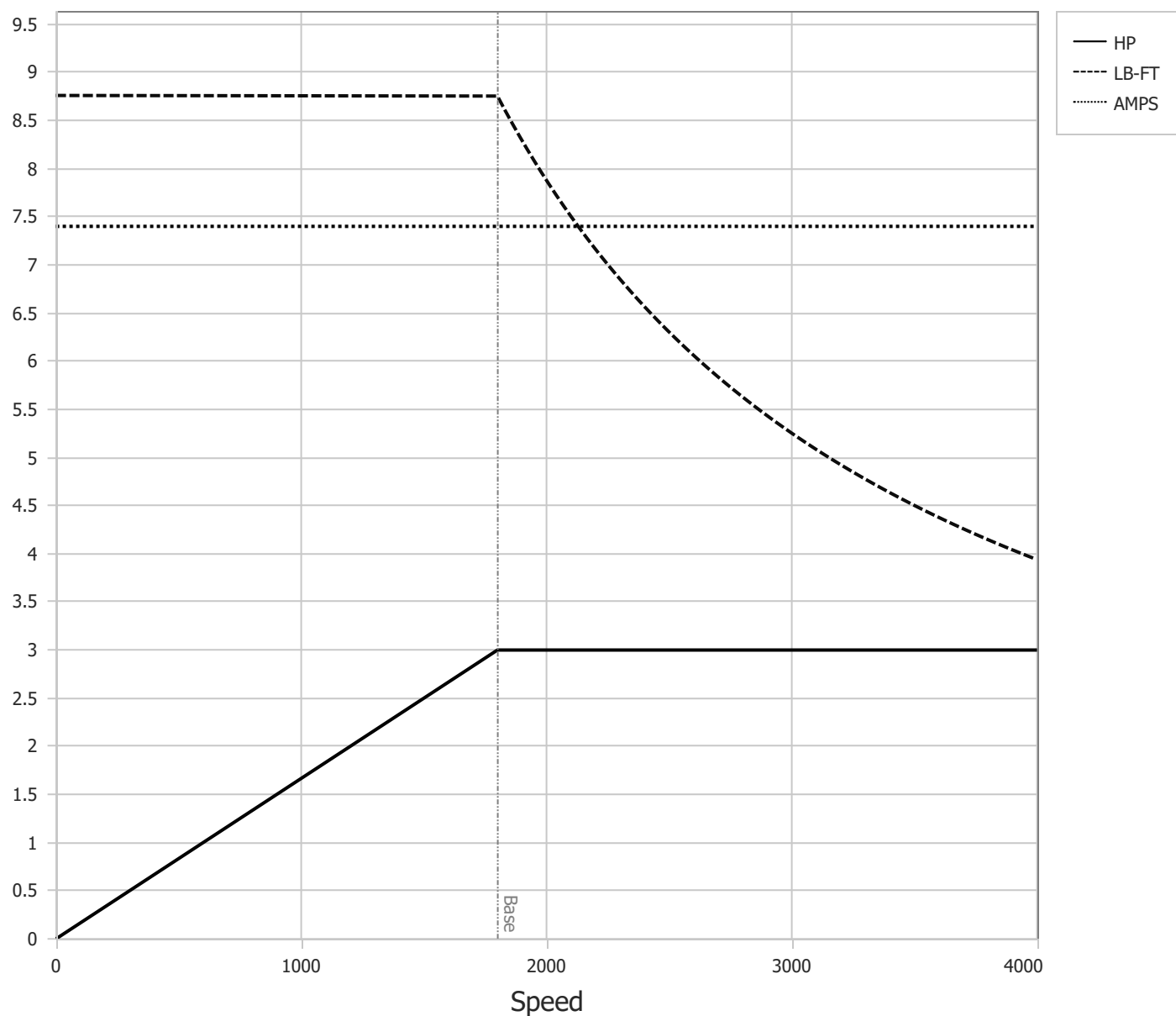
	RPM	% Speed	LB-FT	% Torque	HP	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1810	100%	8.8	100%	3.0	90.3	10.73%	243
P2	904	50%	8.8	100%	1.5	84.5	9.12%	206
P3	301	17%	8.8	100%	0.5	68.5	7.60%	172
P4	1808	100%	4.4	50%	1.5	88.7	6.33%	143
P5	905	50%	4.4	50%	0.8	84.5	4.54%	103
P6	301	17%	4.4	50%	0.3	69.6	3.61%	82
P7	905	50%	2.2	25%	0.4	81.7	2.79%	63
P8	301	17%	2.2	25%	0.1	66.9	2.04%	46

Points not taken in certified order.

BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	36WGA0023 36-0000-0620 Test - 111850
	CK By:	<u>USBIBAK</u>		
	APP By:	<u>USWEQUA1</u>		
	Date:	<u>01/28/2025</u>		

Volts	208-230	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	7.4-7.3	Max Amps		Cs Diagram	CS1127	BEMF	106
HP	3	VFD #	ECIN2A10P5			LD	14.4
RPM	1800	S.F.	1.00			LQ	54.4
Phase/Hz	3/60	Rating	40C AMB-CONT			Rs	1.0504 Meas L-L

Constant Duty Operating Range



BALDOR • RELIANCE

DR By: R & D
 CK By: USBIBAK
 APP By: USWEQUA1
 Date: 01/28/2025

**AC MOTOR
PERFORMANCE
CURVES**

36WGA0023
 36-0000-0620
 Test - 111850