

Volts	230	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	10.5	Max Amps		Cs Diagram	CS1127	BEMF	126
HP	5	VFD#	ECIN2A10P5			LD	13.5
RPM	1800	S.F.	1.00			LQ	47.8
Phase/Hz	3/60	Rating	40C AMB-CONT			Rs	0.8309 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	1630	90%	14.6	100%	4.5	93.3	6.49%	245
P2	904	50%	14.6	100%	2.5	90.6	5.17%	195
P3	452	25%	14.6	100%	1.3	85.0	4.39%	166
P4	1628	90%	7.3	50%	2.3	93.3	3.24%	122
P5	905	50%	7.3	50%	1.3	91.7	2.26%	85
P6	905	50%	3.7	25%	0.6	91.3	1.19%	45
P7	453	25%	3.6	25%	0.3	88.6	0.80%	30

61800-9-2 PDS Performance at Reference Operating Points

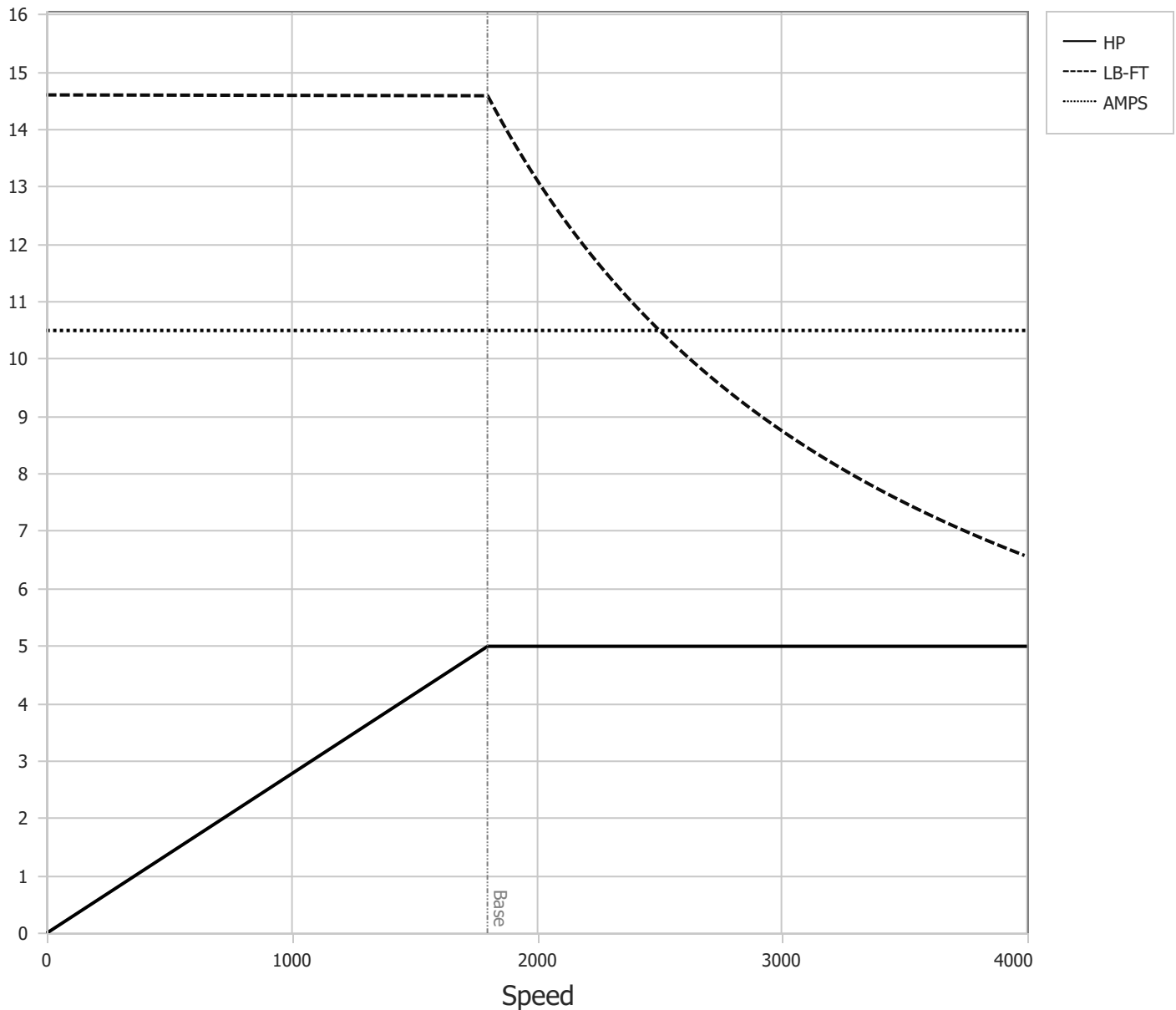
	RPM	% Speed	LB-FT	% Torque	HP	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1810	100%	14.6	100%	5.0	90.8	10.11%	382
P2	904	50%	14.6	100%	2.5	86.0	8.09%	305
P3	301	17%	14.6	100%	0.8	70.7	6.86%	259
P4	1811	100%	7.3	50%	2.5	90.8	5.06%	191
P5	905	50%	7.3	50%	1.3	86.6	3.85%	145
P6	301	17%	7.3	50%	0.4	73.0	3.06%	115
P7	905	50%	3.7	25%	0.6	85.2	2.16%	82
P8	302	17%	3.6	25%	0.2	72.2	1.59%	60

Points not taken in certified order.

BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	36WGA0024 36-0000-0618 Test - 111814
	CK By:	<u>USTOSAN</u>		
	APP By:	<u>USWEQUA1</u>		
	Date:	<u>01/17/2025</u>		

Volts	230	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	10.5	Max Amps		Cs Diagram	CS1127	BEMF	126
HP	5	VFD #	ECIN2A10P5			LD	13.5
RPM	1800	S.F.	1.00			LQ	47.8
Phase/Hz	3/60	Rating	40C AMB-CONT			Rs	0.8309 Meas L-L

Constant Duty Operating Range



BALDOR • RELIANCE

DR By: R & D
 CK By: USTOSAN
 APP By: USWEQUA1
 Date: 01/17/2025

**AC MOTOR
PERFORMANCE
CURVES**

36WGA0024
 36-0000-0618
 Test - 111814