

Volts	230	Max RPM	3000	Conn Diag.	CD0006B03	Leads	3
Amps	8.6	Max Amps		Cs Diagram	CS1127	BEMF	86
KW	2.2	VFD#	ECIN2A10P5			LD	12.7
RPM	1500	S.F.	1.00			LQ	44.2
Phase/Hz	3/50	Rating	40C AMB-S1			Rs	0.9903 Meas. L-L

60034-2-3 Motor Performance at Standardized Operating Points

	RPM	% Speed	LB-FT	% Torque	KW	Efficiency	Loss (% FL)	Watts Loss (W)
P1	1345	90%	10.3	100%	2.0	90.8	9.12%	201
P2	747	50%	10.3	100%	1.1	87.5	7.17%	158
P3	370	25%	10.3	100%	0.5	79.5	6.36%	140
P4	1345	90%	5.2	50%	1.0	91.6	4.16%	92
P5	747	50%	5.2	50%	0.5	89.1	3.06%	67
P6	747	50%	2.6	25%	0.3	89.0	1.54%	34
P7	370	25%	2.6	25%	0.1	85.0	1.09%	24

61800-9-2 PDS Performance at Reference Operating Points

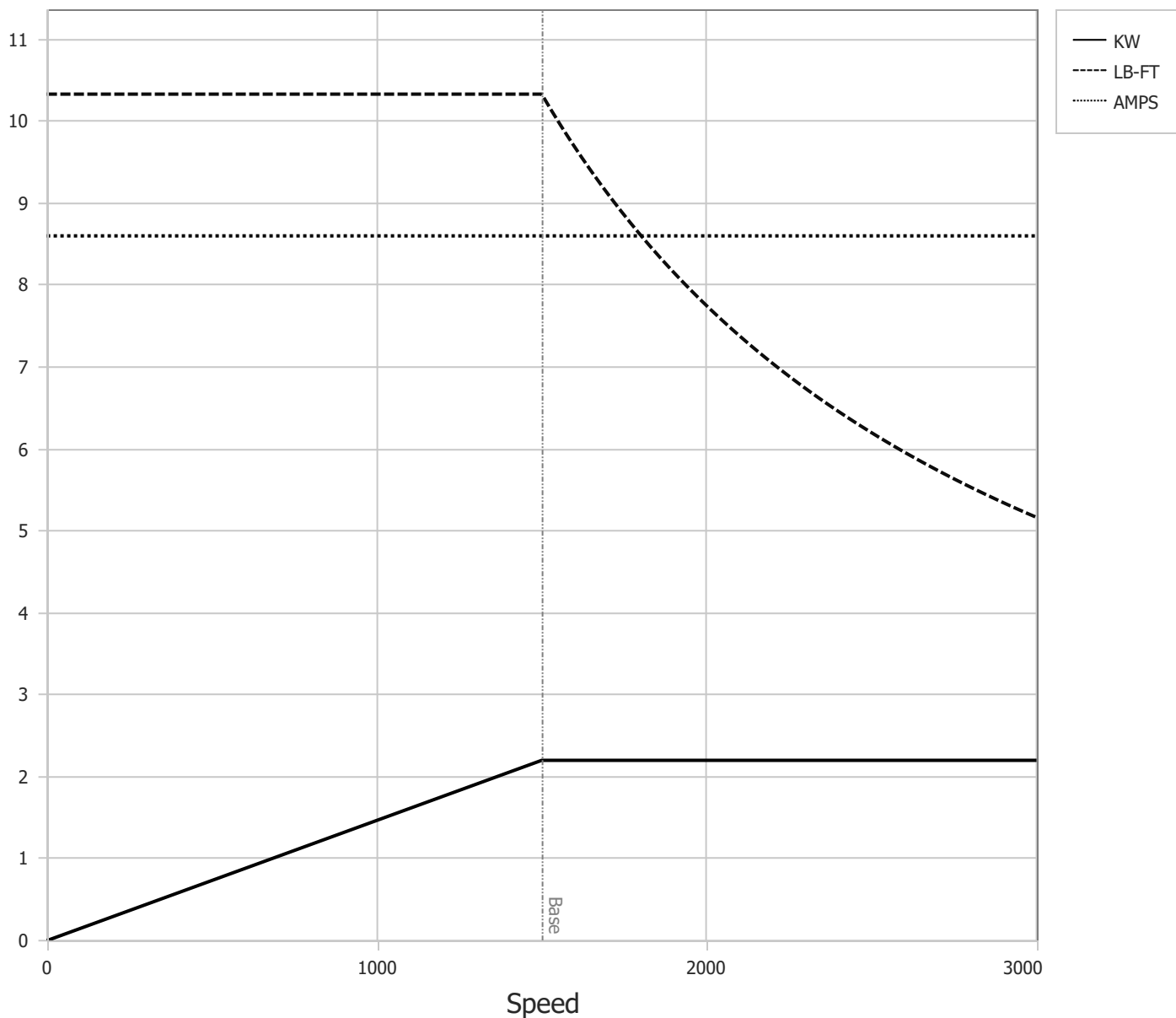
	RPM	% Speed	LB-FT	% Torque	KW	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1506	100%	10.3	100%	2.2	88.0	13.71%	302
P2	747	50%	10.3	100%	1.1	81.9	11.01%	242
P3	254	17%	10.3	100%	0.4	63.4	9.75%	215
P4	1494	100%	5.2	50%	1.1	88.2	6.69%	147
P5	747	50%	5.2	50%	0.5	82.8	5.19%	114
P6	254	17%	5.2	50%	0.2	66.1	4.33%	95
P7	747	50%	2.6	25%	0.3	81.2	2.87%	63
P8	254	17%	2.6	25%	0.1	65.6	2.22%	49

Points not taken in certified order.

BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	36WGA0036 36-0000-3638 Test - 111793
	CK By:	<u>USJORAD2</u>		
	APP By:	<u>USJAROB1</u>		
	Date:	<u>01/14/2025</u>		

Volts	230	Max RPM	3000	Conn Diag.	CD0006B03	Leads	3
Amps	8.6	Max Amps		Cs Diagram	CS1127	BEMF	86
KW	2.2	VFD #	ECIN2A10P5			LD	12.7
RPM	1500	S.F.	1.00			LQ	44.2
Phase/Hz	3/50	Rating	40C AMB-S1			Rs	0.9903 Meas L-L

Constant Duty Operating Range



BALDOR • RELIANCE

DR By: R & D
 CK By: USJORAD2
 APP By: USJAROB1
 Date: 01/14/2025

**AC MOTOR
PERFORMANCE
CURVES**

36WGA0036
 36-0000-3638
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