

Volts	380	Max RPM	3000	Conn Diag.	CD0006B03	Leads	3
Amps	5.3	Max Amps		Cs Diagram	CS1126	BEMF	210
KW	3	VFD#	ECIN4A5P8			LD	54
RPM	1500	S.F.	1.00			LQ	191
Phase/Hz	3/50	Rating	40C AMB-S1			Rs	3.0984 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	1336	90%	14.1	100%	3.6	92.9	6.79%	204
P2	750	50%	14.1	100%	2.0	90.1	5.49%	165
P3	380	25%	14.1	100%	1.0	83.9	4.85%	146
P4	1350	90%	7.0	50%	1.8	93.3	3.26%	98
P5	750	50%	7.0	50%	1.0	91.3	2.40%	72
P6	750	50%	3.5	25%	0.5	91.2	1.22%	36
P7	378	25%	3.5	25%	0.3	87.7	0.88%	27

61800-9-2 PDS Performance at Reference Operating Points

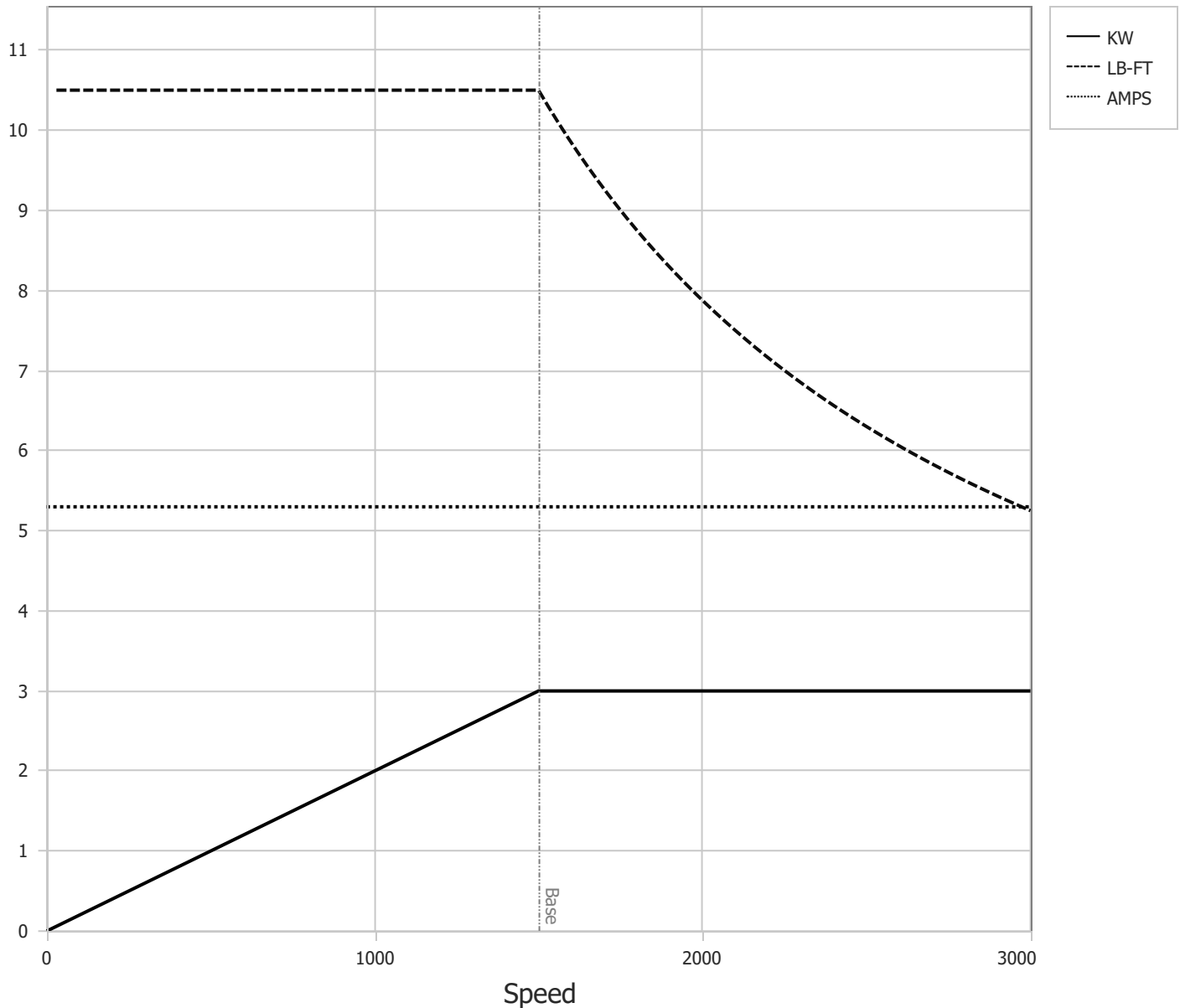
	RPM	% Speed	LB-FT	% Torque	KW	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1508	100%	14.1	100%	4.0	90.2	10.89%	327
P2	750	50%	14.1	100%	2.0	86.8	7.63%	229
P3	255	17%	14.1	100%	0.7	72.0	6.59%	198
P4	1494	100%	7.0	50%	2.0	91.2	4.79%	144
P5	750	50%	7.0	50%	1.0	86.8	3.79%	114
P6	255	17%	7.0	50%	0.3	73.2	3.11%	93
P7	750	50%	3.5	25%	0.5	84.8	2.24%	67
P8	255	17%	3.5	25%	0.2	70.6	1.77%	53

Points not taken in certified order.

BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	36WGA0022 36-0000-3639 Test - 111783
	CK By:	<u>USTOSAN</u>		
	APP By:	<u>USJAROB1</u>		
	Date:	<u>01/09/2025</u>		

Volts	380	Max RPM	3000	Conn Diag.	CD0006B03	Leads	3
Amps	5.3	Max Amps		Cs Diagram	CS1126	BEMF	210
KW	3	VFD #	ECIN4A5P8			LD	54
RPM	1500	S.F.	1.00			LQ	191
Phase/Hz	3/50	Rating	40C AMB-S1			Rs	3.0984 Meas L-L

Constant Duty Operating Range



BALDOR • RELIANCE

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

**AC MOTOR
PERFORMANCE
CURVES**

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 36-0000-3639
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