

Volts	380	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	2.2	Max Amps		Cs Diagram	CS1126	BEMF	296
KW	1.5	VFD#	ECIN4A44P1			LD	78.9
RPM	1500	S.F.	1.00			LQ	406
Phase/Hz	3/50	Rating	40C AMB-CONT			Rs	11.7387 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	1361	90%	7.0	100%	1.4	88.8	11.51%	173
P2	755	50%	7.0	100%	0.8	84.6	9.15%	137
P3	363	25%	7.0	100%	0.4	74.2	8.40%	126
P4	1358	90%	3.5	50%	0.7	91.2	4.40%	66
P5	755	50%	3.5	50%	0.4	87.8	3.50%	53
P6	755	50%	1.8	25%	0.2	89.4	1.51%	23
P7	363	25%	1.8	25%	0.1	84.3	1.13%	17

61800-9-2 PDS Performance at Reference Operating Points

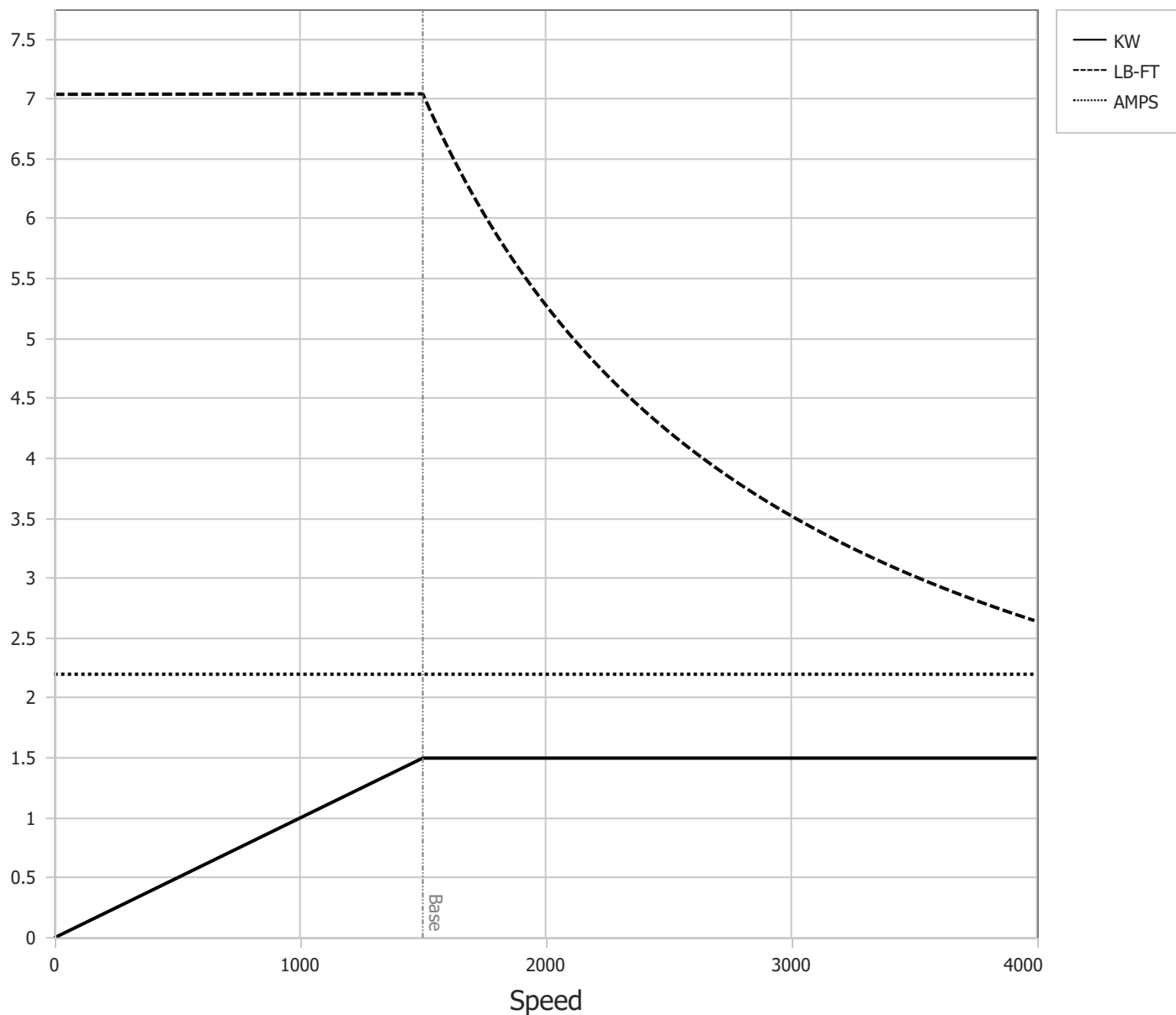
	RPM	% Speed	LB-FT	% Torque	KW	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1511	100%	7.0	100%	1.5	85.4	17.18%	258
P2	755	50%	7.0	100%	0.8	81.3	11.59%	174
P3	245	17%	7.0	100%	0.2	61.1	10.37%	155
P4	1509	100%	3.5	50%	0.8	88.4	6.59%	99
P5	755	50%	3.5	50%	0.4	82.9	5.18%	78
P6	245	17%	3.5	50%	0.1	65.2	4.36%	65
P7	755	50%	1.8	25%	0.2	81.9	2.80%	42
P8	245	17%	1.8	25%	0.1	64.1	2.29%	34

Points not taken in certified order.

BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	35WGG963 35E5209G963 Test - 111107
	CK By:	<u>USTOSAN</u>		
	APP By:	<u>USJAROB1</u>		
	Date:	<u>08/08/2024</u>		

Volts	380	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	2.2	Max Amps		Cs Diagram	CS1126	BEMF	296
KW	1.5	VFD #	ECIN4A44P1			LD	78.9
RPM	1500	S.F.	1.00			LQ	406
Phase/Hz	3/50	Rating	40C AMB-CONT			Rs	11.7387 Meas L-L

Constant Duty Operating Range



BALDOR • RELIANCE

DR By: R & D
 CK By: USTOSAN
 APP By: USJAROB1
 Date: 08/08/2024

**AC MOTOR
PERFORMANCE
CURVES**

35WGG963
 35E5209G963
 Test - 111107