

Volts	230	Max RPM	3000	Conn Diag.	CD0006B03	Leads	3
Amps	3.4	Max Amps		Cs Diagram	CS1127	BEMF	123
KW	1.5	VFD#	ECIN8A7P0			LD	22.1
RPM	1500	S.F.	1.00			LQ	97.1
Phase/Hz	3/50	Rating	40C AMB-CONT			Rs	2.9307 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	1360	90%	7.0	100%	1.8	89.6	10.41%	158
P2	751	50%	7.0	100%	1.0	84.8	8.88%	135
P3	366	25%	7.0	100%	0.5	76.0	7.63%	116
P4	1353	90%	3.5	50%	0.9	90.7	4.57%	69
P5	751	50%	3.5	50%	0.5	88.1	3.36%	51
P6	751	50%	1.8	25%	0.3	87.9	1.70%	26
P7	366	25%	1.8	25%	0.1	82.9	1.24%	19

61800-9-2 PDS Performance at Reference Operating Points

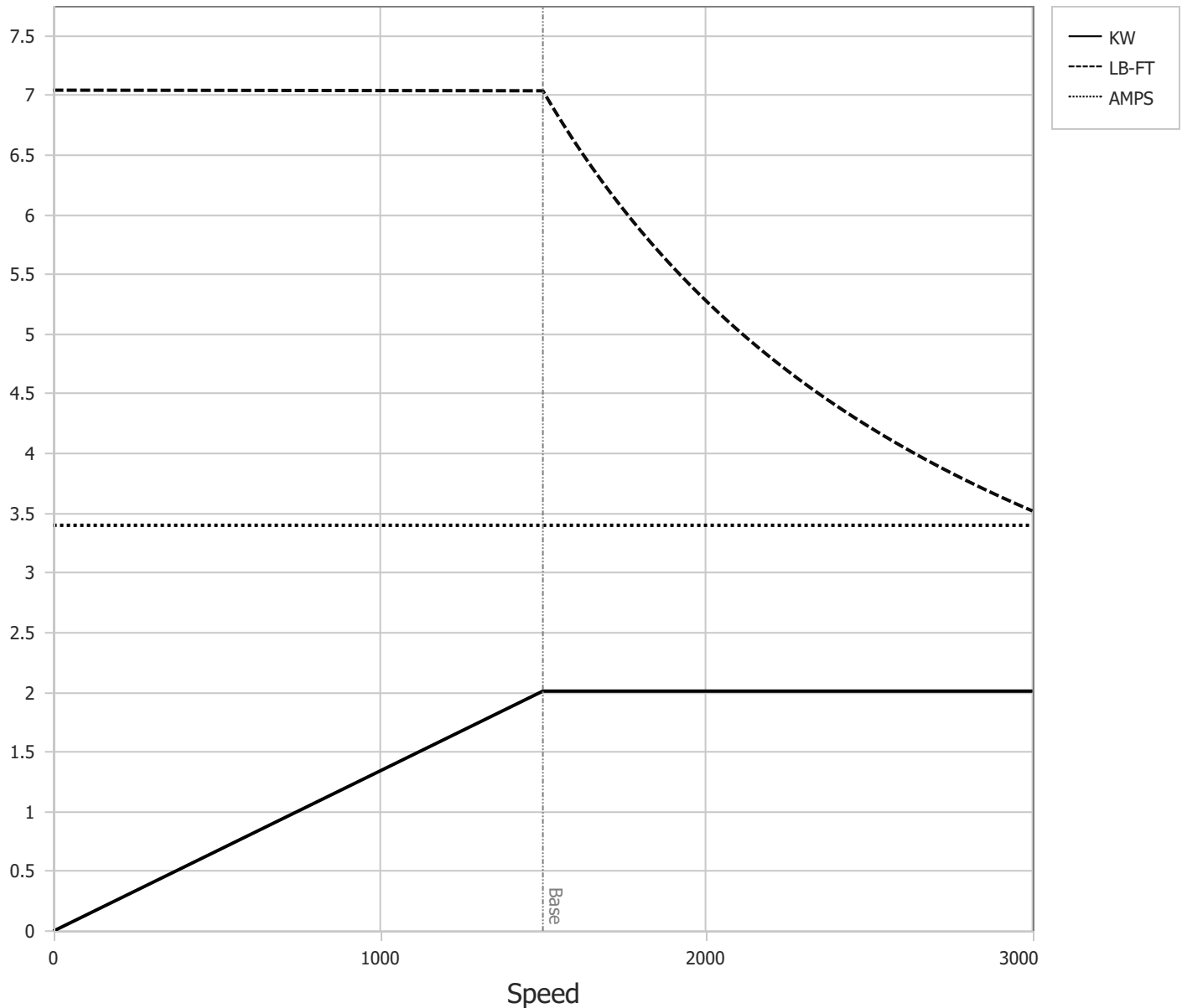
	RPM	% Speed	LB-FT	% Torque	KW	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1508	100%	7.0	100%	2.0	86.2	15.88%	241
P2	751	50%	7.0	100%	1.0	80.8	11.75%	178
P3	246	17%	7.0	100%	0.3	62.3	9.83%	149
P4	1488	100%	3.5	50%	1.0	87.9	6.72%	102
P5	751	50%	3.5	50%	0.5	83.4	4.91%	74
P6	246	17%	3.5	50%	0.2	66.6	4.07%	62
P7	751	50%	1.8	25%	0.3	82.0	2.71%	41
P8	246	17%	1.8	25%	0.1	66.5	2.04%	31

Points not taken in certified order.

BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	35WGG964 35EE436G964 Test - 112228
	CK By:	<u>USGAHIL</u>		
	APP By:			
	Date:	<u>04/09/2025</u>		

Volts	230	Max RPM	3000	Conn Diag.	CD0006B03	Leads	3
Amps	3.4	Max Amps		Cs Diagram	CS1127	BEMF	123
KW	1.5	VFD #	ECIN8A7P0			LD	22.1
RPM	1500	S.F.	1.00			LQ	97.1
Phase/Hz	3/50	Rating	40C AMB-CONT			Rs	2.9307 Meas L-L

Constant Duty Operating Range



BALDOR • RELIANCE

DR By: R & D
 CK By: USGAHIL
 APP By:
 Date: 04/09/2025

**AC MOTOR
PERFORMANCE
CURVES**

35WGG964
 35EE436G964
 Test - 112228