

Volts	240	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	4.8	Max Amps		Cs Diagram	CS1127	BEMF	148
KW	1.5	VFD#	ECIN2A7P0			LD	22.1
RPM	1500	S.F.	1.00			LQ	97.1
Phase/Hz	3/50	Rating	40C AMB-CONT			Rs	2.9430 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	1350	90%	7.0	100%	1.3	89.4	10.66%	160
P2	748	50%	7.0	100%	0.7	85.3	8.58%	129
P3	363	25%	7.0	100%	0.4	76.5	7.40%	111
P4	1351	90%	3.5	50%	0.7	90.6	4.68%	70
P5	748	50%	3.5	50%	0.4	88.7	3.17%	48
P6	748	50%	1.8	25%	0.2	89.2	1.50%	23
P7	363	25%	1.7	25%	0.1	84.6	1.10%	16

61800-9-2 PDS Performance at Reference Operating Points

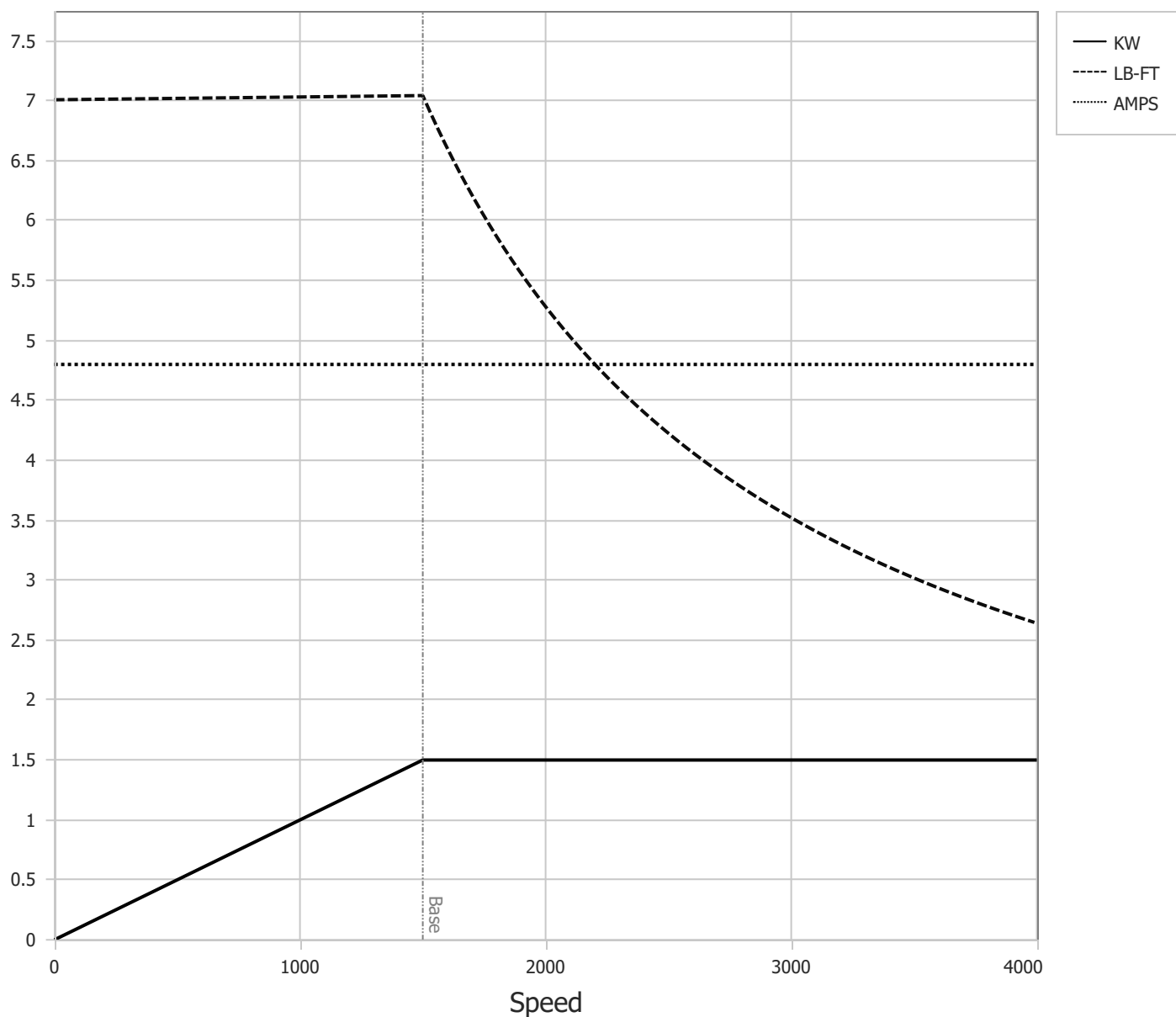
	RPM	% Speed	LB-FT	% Torque	KW	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1504	100%	7.0	100%	1.5	87.6	14.07%	211
P2	748	50%	7.0	100%	0.7	81.1	11.56%	173
P3	242	17%	7.0	100%	0.2	62.2	9.78%	147
P4	1500	100%	3.5	50%	0.7	88.2	6.63%	99
P5	748	50%	3.5	50%	0.4	83.9	4.74%	71
P6	242	17%	3.5	50%	0.1	67.0	3.96%	59
P7	748	50%	1.8	25%	0.2	83.3	2.50%	37
P8	242	17%	1.8	25%	0.1	67.9	1.90%	29

Points not taken in certified order.

BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	35WGG964 35E5209G964G1 Test - 110926
	CK By:	<u>USTOSAN</u>		
	APP By:	<u>USJAROB1</u>		
	Date:	<u>07/10/2024</u>		

Volts	240	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	4.8	Max Amps		Cs Diagram	CS1127	BEMF	148
KW	1.5	VFD #	ECIN2A7P0			LD	22.1
RPM	1500	S.F.	1.00			LQ	97.1
Phase/Hz	3/50	Rating	40C AMB-CONT			Rs	2.9430 Meas L-L

Constant Duty Operating Range



BALDOR • RELIANCE

DR By: R & D
 CK By: USTOSAN
 APP By: USJAROB1
 Date: 07/10/2024

**AC MOTOR
PERFORMANCE
CURVES**

35WGG964
 35E5209G964G1
 Test - 110926