

Volts	380	Max RPM	3600	Conn Diag.	CD0006B03	Leads	3
Amps	1.4	Max Amps		Cs Diagram	CS1126	BEMF	269
KW	0.75	VFD#	ECI4A2P2			LD	117
RPM	1500	S.F.	1.00			LQ	500
Phase/Hz	3/50	Rating	40C AMB-CONT			Rs	19.5471 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	1352	90%	3.5	100%	0.7	88.8	11.47%	86
P2	751	50%	3.5	100%	0.4	84.1	9.49%	71
P3	376	25%	3.5	100%	0.2	75.1	8.30%	62
P4	1351	90%	1.8	50%	0.3	89.2	5.47%	41
P5	751	50%	1.8	50%	0.2	86.5	3.92%	29
P6	751	50%	0.9	25%	0.1	86.6	1.95%	15
P7	376	25%	0.9	25%	0.0	82.9	1.30%	10

61800-9-2 PDS Performance at Reference Operating Points

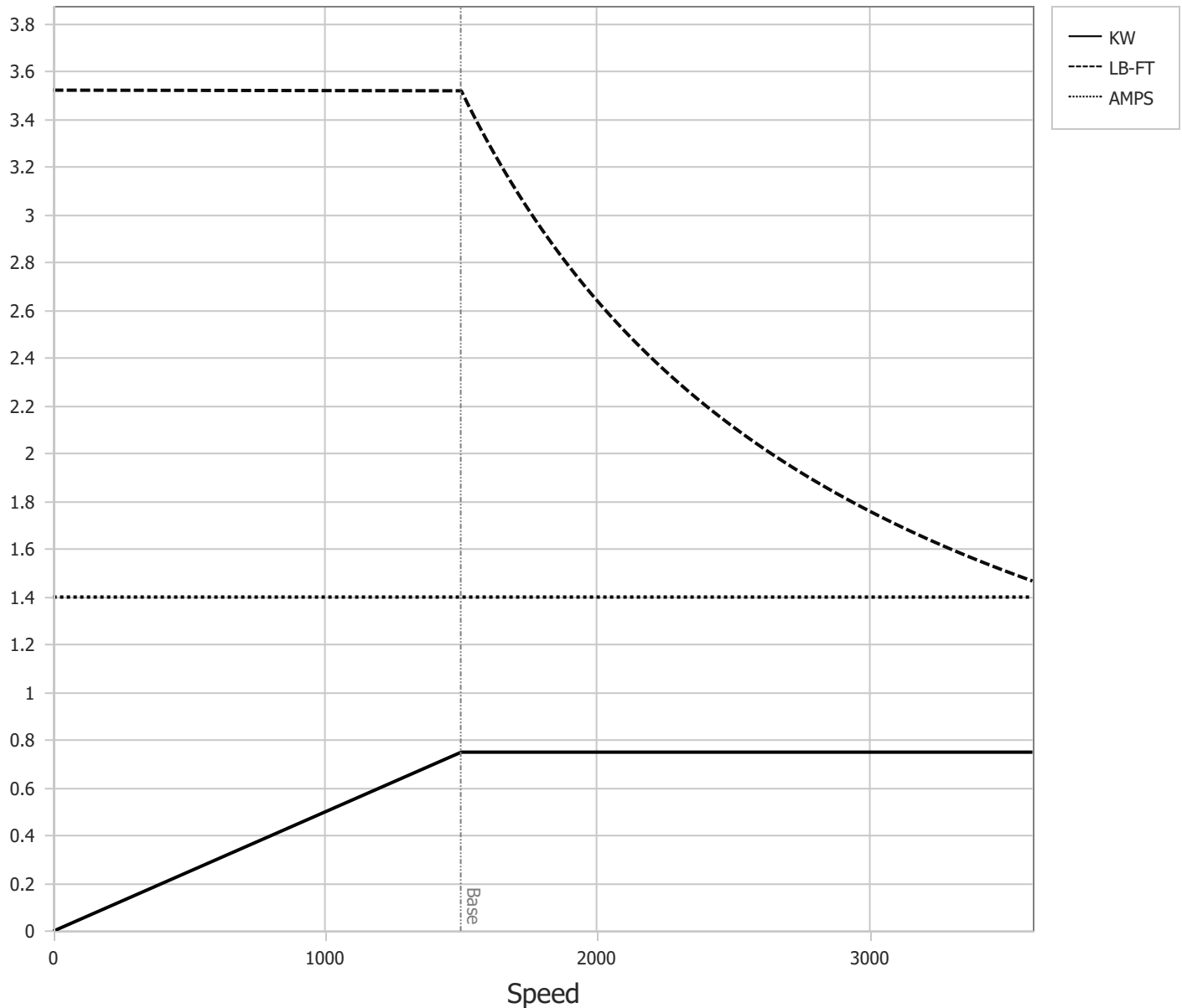
	RPM	% Speed	LB-FT	% Torque	KW	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1506	100%	3.5	100%	0.8	86.4	15.83%	119
P2	751	50%	3.5	100%	0.4	79.7	12.73%	95
P3	256	17%	3.5	100%	0.1	60.5	11.12%	83
P4	1502	100%	1.8	50%	0.4	85.2	8.71%	65
P5	751	50%	1.8	50%	0.2	79.7	6.39%	48
P6	256	17%	1.8	50%	0.1	61.8	5.28%	40
P7	751	50%	0.9	25%	0.1	76.0	3.96%	30
P8	256	17%	0.9	25%	0.0	57.3	3.18%	24

Points not taken in certified order.

BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	35WGG965 35E5209G965 Test - 111042
	CK By:	<u>USJORAD2</u>		
	APP By:	<u>USJAROB1</u>		
	Date:	<u>07/27/2024</u>		

Volts	380	Max RPM	3600	Conn Diag.	CD0006B03	Leads	3
Amps	1.4	Max Amps		Cs Diagram	CS1126	BEMF	269
KW	0.75	VFD #	ECI4A2P2			LD	117
RPM	1500	S.F.	1.00			LQ	500
Phase/Hz	3/50	Rating	40C AMB-CONT			Rs	19.5471 Meas L-L

Constant Duty Operating Range



BALDOR • RELIANCE

DR By: R & D
 CK By: USJORAD2
 APP By: USJAROB1
 Date: 07/27/2024

**AC MOTOR
PERFORMANCE
CURVES**

35WGG965
 35E5209G965
 Test - 111042