

Volts	230	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	2.5	Max Amps	2.5	Cs Diagram	CS1127	BEMF	135
KW	0.75	VFD#	ECIN2A4P3			LD	30.8
RPM	1500	S.F.	1.00			LQ	135
Phase/Hz	3/50	Rating	40C AMB-CONT			Rs	4.9221 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	1347	90%	3.5	100%	0.7	87.8	12.47%	94
P2	748	50%	3.5	100%	0.4	83.8	9.66%	72
P3	374	25%	3.5	100%	0.2	74.9	8.33%	63
P4	1346	90%	1.8	50%	0.3	88.4	5.88%	44
P5	748	50%	1.8	50%	0.2	85.9	4.09%	31
P6	748	50%	0.9	25%	0.1	85.3	2.15%	16
P7	374	25%	0.9	25%	0.0	81.1	1.47%	11

61800-9-2 PDS Performance at Reference Operating Points

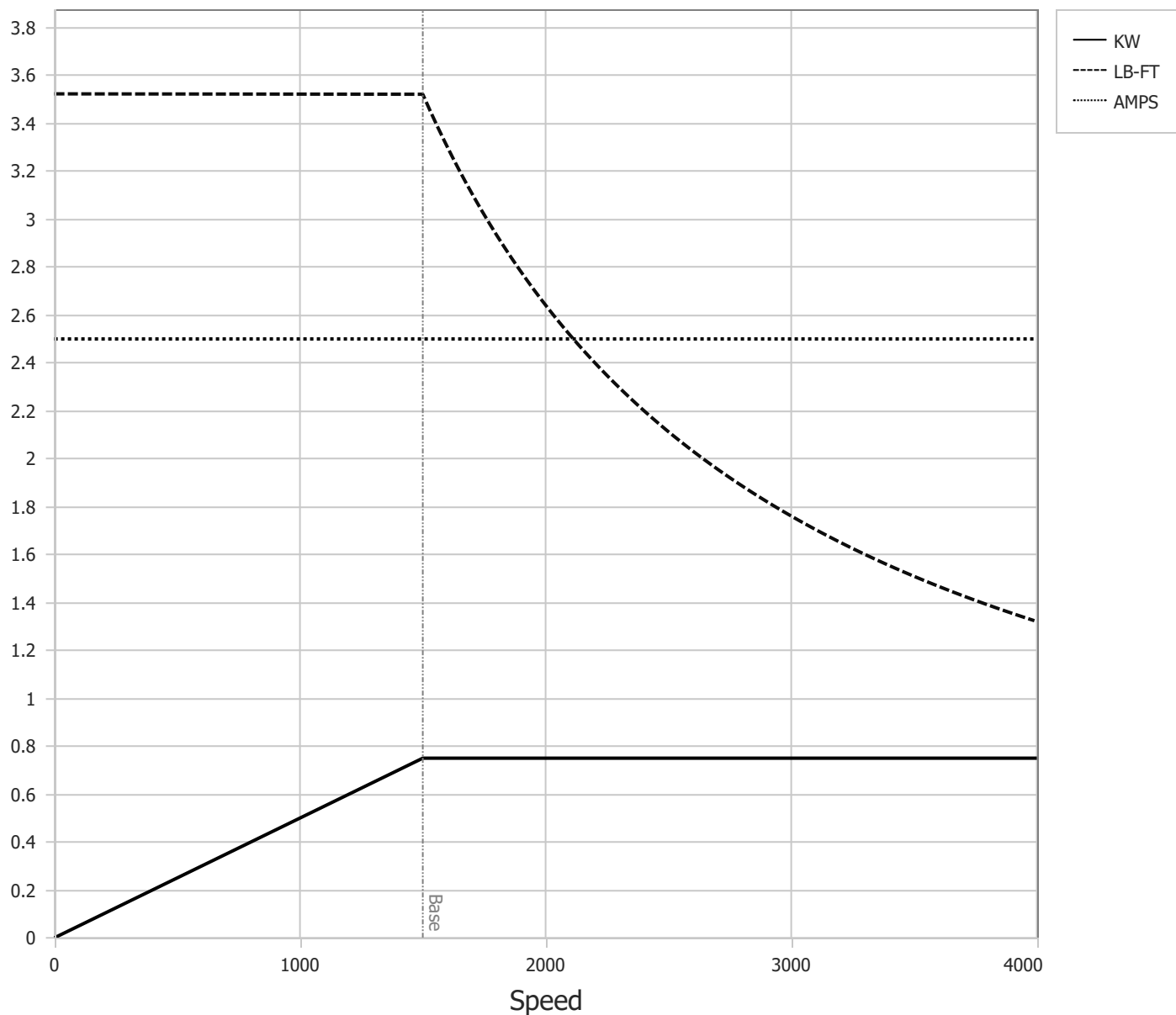
	RPM	% Speed	LB-FT	% Torque	KW	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1496	100%	3.5	100%	0.7	85.3	17.22%	129
P2	748	50%	3.5	100%	0.4	79.6	12.77%	96
P3	254	17%	3.5	100%	0.1	60.8	10.92%	82
P4	1496	100%	1.8	50%	0.4	85.1	8.71%	65
P5	748	50%	1.8	50%	0.2	80.5	6.02%	45
P6	255	17%	1.8	50%	0.1	63.7	4.85%	36
P7	748	50%	0.9	25%	0.1	78.1	3.47%	26
P8	254	17%	0.9	25%	0.0	62.5	2.53%	19

Points not taken in certified order.

BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	35WGG932 35E5209G932 Test - 111044
	CK By:	<u>USJORAD2</u>		
	APP By:	<u>USJAROB1</u>		
	Date:	<u>07/27/2024</u>		

Volts	230	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	2.5	Max Amps	2.5	Cs Diagram	CS1127	BEMF	135
KW	0.75	VFD #	ECIN2A4P3			LD	30.8
RPM	1500	S.F.	1.00			LQ	135
Phase/Hz	3/50	Rating	40C AMB-CONT			Rs	4.9221 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**

35WGG932
 35E5209G932
 Test - 111044