

Volts	190/380	Max RPM	3000	Conn Diag.	CD0005A25	Leads	9
Amps	21.85/10.92	Max Amps		Cs Diagram	CS0576	BEMF	0
KW	5.5	VFD#	ACS380-040S-12			LD	0
RPM	1500	S.F.	1.00			LQ	0
Phase/Hz	3/50	Rating	40C AMB-S1			Rs	1.3847 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%	25.8	100%	6.6	92.1	7.71%	424
P2	750	50%	25.8	100%	3.7	88.9	6.27%	345
P3	375	25%	25.8	100%	1.8	82.5	5.33%	293
P4	1350	90%	12.9	50%	3.3	92.8	3.51%	193
P5	750	50%	12.9	50%	1.8	90.6	2.60%	143
P6	750	50%	6.5	25%	0.9	90.3	1.35%	74
P7	375	25%	6.5	25%	0.5	86.9	0.94%	52

61800-9-2 PDS Performance at Reference Operating Points

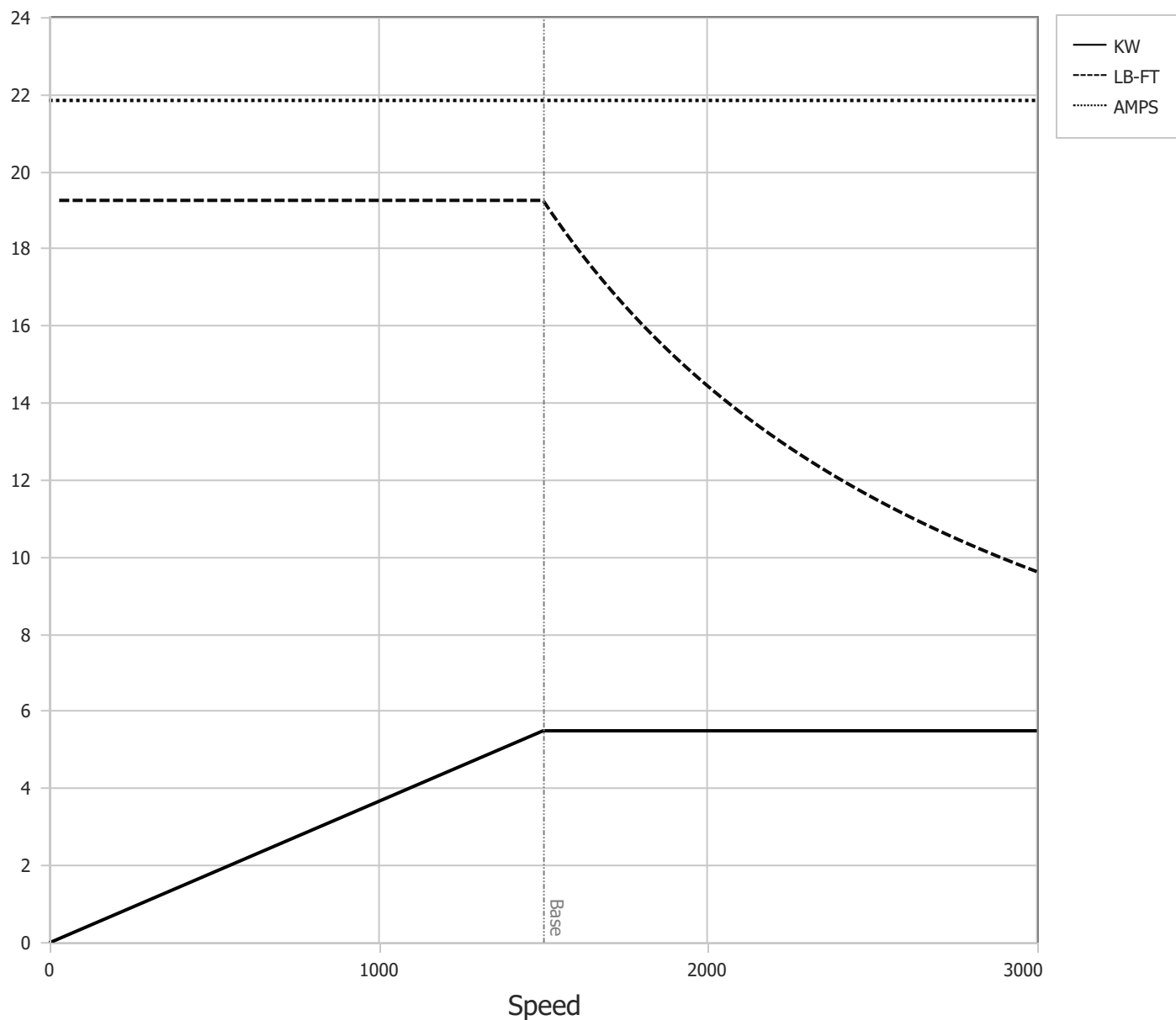
	RPM	% Speed	LB-FT	% Torque	KW	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1500	100%	25.8	100%	7.4	91.0	9.91%	545
P2	750	50%	25.8	100%	3.7	85.9	8.19%	451
P3	255	17%	25.8	100%	1.3	71.6	6.75%	371
P4	1500	100%	12.9	50%	3.7	90.8	5.05%	278
P5	750	50%	12.9	50%	1.8	87.2	3.67%	202
P6	255	17%	12.9	50%	0.6	74.7	2.87%	158
P7	750	50%	6.5	25%	0.9	85.8	2.06%	114
P8	255	17%	6.5	25%	0.3	73.8	1.51%	83

Points not taken in certified order.

BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	37WGA0016 37-0000-0483 Test - 111886
	CK By:	<u>USGAHIL</u>		
	APP By:	<u>USJAROB1</u>		
	Date:	<u>02/04/2025</u>		

Volts	190/380	Max RPM	3000	Conn Diag.	CD0005A25	Leads	9
Amps	21.85/10.92	Max Amps		Cs Diagram	CS0576	BEMF	0
KW	5.5	VFD #	ACS380-040S-12			LD	0
RPM	1500	S.F.	1.00			LQ	0
Phase/Hz	3/50	Rating	40C AMB-S1			Rs	1.3847 Meas L-L

Constant Duty Operating Range



BALDOR • RELIANCE

DR By: R & D
 CK By: USGAHIL
 APP By: USJAROB1
 Date: 02/04/2025

**AC MOTOR
PERFORMANCE
CURVES**

37WGA0016
 37-0000-0483
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