

Volts	190/380	Max RPM	3000	Conn Diag.	CD0005A25	Leads	9
Amps	8.6/4.3	Max Amps		Cs Diagram	CS0576	BEMF	0
KW	2.2	VFD#	ACS380-040S-05			LD	0
RPM	1500	S.F.	1.00			LQ	0
Phase/Hz	3/50	Rating	40C AMB-S1			Rs	3.7855 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%	10.3	100%	2.7	91.4	8.56%	188
P2	750	50%	10.3	100%	1.5	87.5	7.16%	157
P3	375	25%	10.3	100%	0.7	80.1	6.23%	137
P4	1350	90%	5.2	50%	1.3	91.8	4.06%	89
P5	750	50%	5.2	50%	0.7	89.1	3.07%	68
P6	750	50%	2.6	25%	0.4	88.8	1.58%	35
P7	375	25%	2.6	25%	0.2	85.0	1.11%	24

61800-9-2 PDS Performance at Reference Operating Points

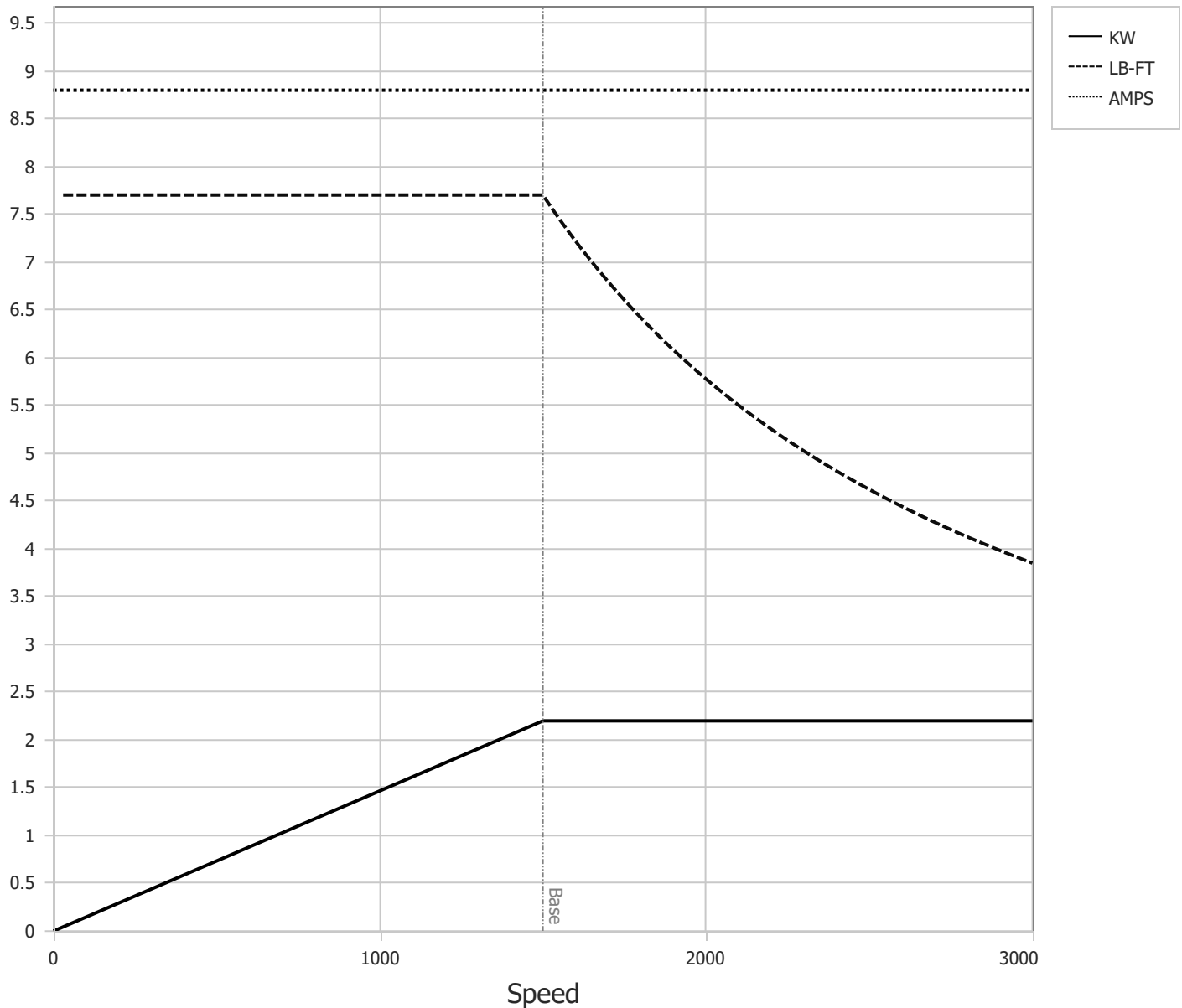
	RPM	% Speed	LB-FT	% Torque	KW	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1500	100%	10.3	100%	2.9	89.7	11.52%	253
P2	750	50%	10.3	100%	1.5	83.9	9.55%	210
P3	255	17%	10.3	100%	0.5	67.5	8.17%	180
P4	1500	100%	5.2	50%	1.5	89.4	5.92%	130
P5	750	50%	5.2	50%	0.7	84.2	4.68%	103
P6	255	17%	5.2	50%	0.3	69.1	3.79%	83
P7	750	50%	2.6	25%	0.4	81.5	2.83%	62
P8	255	17%	2.6	25%	0.1	66.0	2.19%	48

Points not taken in certified order.

BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	36WGA0019 36-0000-3637 Test - 111800
	CK By:	<u>USJORAD2</u>		
	APP By:	<u>USJAROB1</u>		
	Date:	<u>01/15/2025</u>		

Volts	190/380	Max RPM	3000	Conn Diag.	CD0005A25	Leads	9
Amps	8.6/4.3	Max Amps		Cs Diagram	CS0576	BEMF	0
KW	2.2	VFD #	ACS380-040S-05			LD	0
RPM	1500	S.F.	1.00			LQ	0
Phase/Hz	3/50	Rating	40C AMB-S1			Rs	3.7855 Meas L-L

Constant Duty Operating Range



BALDOR • RELIANCE

DR By: R & D
 CK By: USJORAD2
 APP By: USJAROB1
 Date: 01/15/2025

**AC MOTOR
PERFORMANCE
CURVES**

36WGA0019
 36-0000-3637
 Test - 111800