

Volts	190/380	Max RPM	3000	Conn Diag.	CD0005A25	Leads	9
Amps	47.74/23.87	Max Amps		Cs Diagram	CS0576	BEMF	0
KW	11	VFD#	ACS380-040S-03			LD	0
RPM	1500	S.F.	1.00			LQ	0
Phase/Hz	3/50	Rating	40C AMB-S1			Rs	0.4931 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%	51.6	100%	13.3	94.5	5.23%	575
P2	750	50%	51.6	100%	7.4	92.2	4.25%	468
P3	375	25%	51.6	100%	3.7	87.4	3.62%	399
P4	1350	90%	25.8	50%	6.6	95.1	2.33%	256
P5	750	50%	25.8	50%	3.7	93.6	1.73%	190
P6	750	50%	12.9	25%	1.8	93.6	0.85%	94
P7	375	25%	12.9	25%	0.9	91.2	0.60%	66

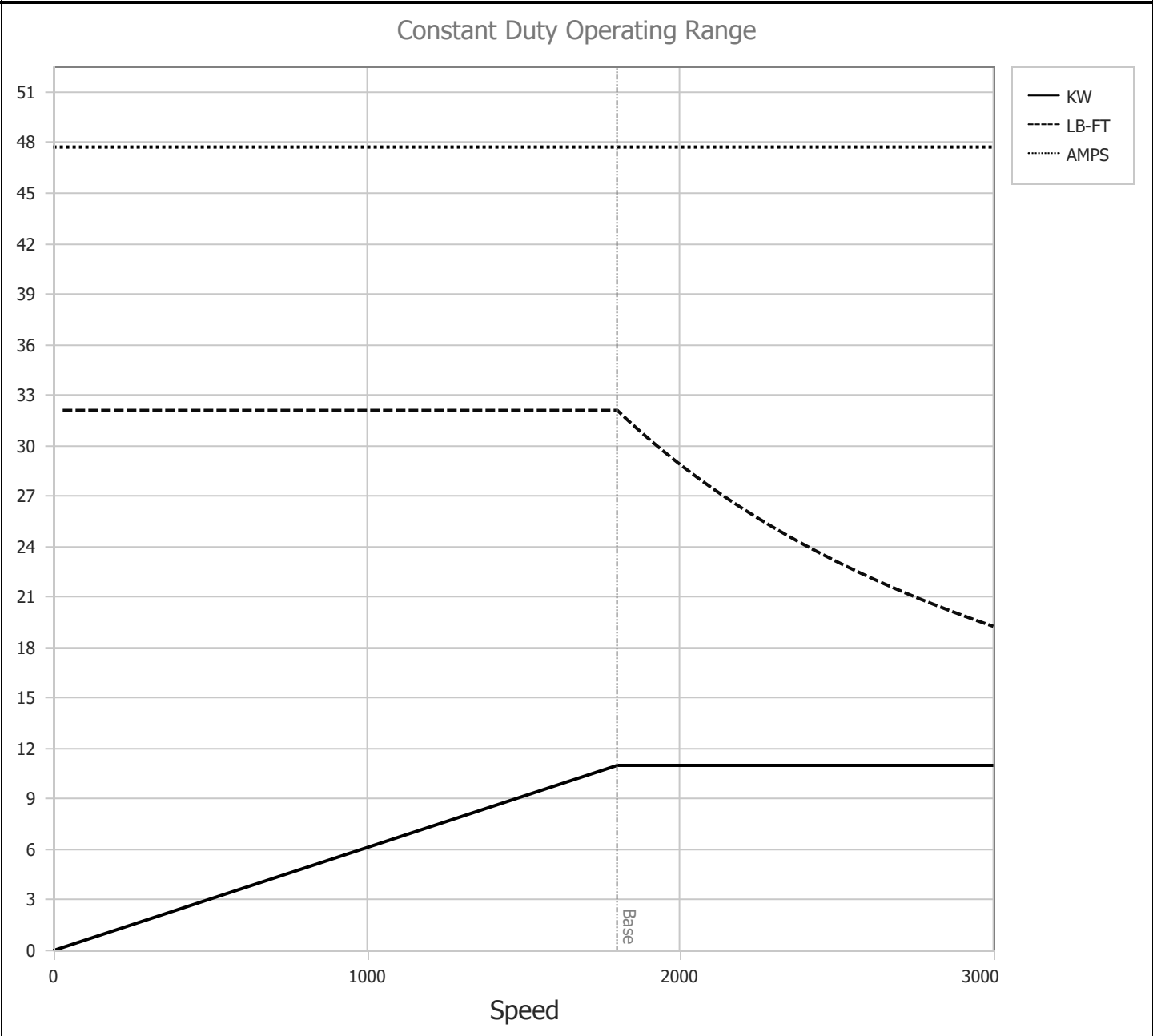
61800-9-2 PDS Performance at Reference Operating Points

	RPM	% Speed	LB-FT	% Torque	KW	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1500	100%	51.6	100%	14.7	93.2	7.29%	802
P2	750	50%	51.6	100%	7.4	89.0	6.19%	681
P3	255	17%	51.6	100%	2.5	76.5	5.21%	573
P4	1500	100%	25.8	50%	7.4	93.3	3.62%	398
P5	750	50%	25.8	50%	3.7	89.8	2.84%	313
P6	255	17%	25.8	50%	1.3	78.8	2.29%	252
P7	750	50%	12.9	25%	1.8	88.5	1.62%	178
P8	255	17%	12.9	25%	0.6	77.1	1.26%	139

Points not taken in certified order.

BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	37WGA0018 37-0000-0489 Test - 111409
	CK By:	<u>USTOSAN</u>		
	APP By:	<u>USJAROB1</u>		
	Date:	<u>10/11/2024</u>		

Volts	190/380	Max RPM	3000	Conn Diag.	CD0005A25	Leads	9
Amps	47.74/23.87	Max Amps		Cs Diagram	CS0576	BEMF	0
KW	11	VFD #	ACS380-040S-03			LD	0
RPM	1500	S.F.	1.00			LQ	0
Phase/Hz	3/50	Rating	40C AMB-S1			Rs	0.4931 Meas L-L



BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	37WGA0018 37-0000-0489 Test - 111409
	CK By:	<u>USTOSAN</u>		
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	Date:	<u>10/11/2024</u>		