

Volts	460	Max RPM	3000	Conn Diag.	CD0006B03	Leads	3
Amps	8.7	Max Amps		Cs Diagram	CS1126	BEMF	216
HP	7.5	VFD#	ECI4A9P5			LD	28.09
RPM	1800	S.F.	1.00			LQ	80.586
Phase/Hz	3/60	Rating	40C AMB-CONT			Rs	1.4115 Meas. L-L

60034-2-3 Motor Performance at Standardized Operating Points

	RPM	% Speed	LB-FT	% Torque	HP	Efficiency	Loss (% FL)	Watts Loss (W)
P1	1622	90%	21.9	100%	6.8	92.4	7.32%	414
P2	901	50%	21.9	100%	3.8	90.4	5.26%	298
P3	449	25%	21.9	100%	1.9	85.0	4.35%	246
P4	1624	90%	10.9	50%	3.4	94.0	2.87%	163
P5	902	50%	10.9	50%	1.9	92.2	2.11%	119
P6	900	50%	5.5	25%	0.9	91.1	1.21%	69
P7	447	25%	5.5	25%	0.5	87.4	0.89%	50

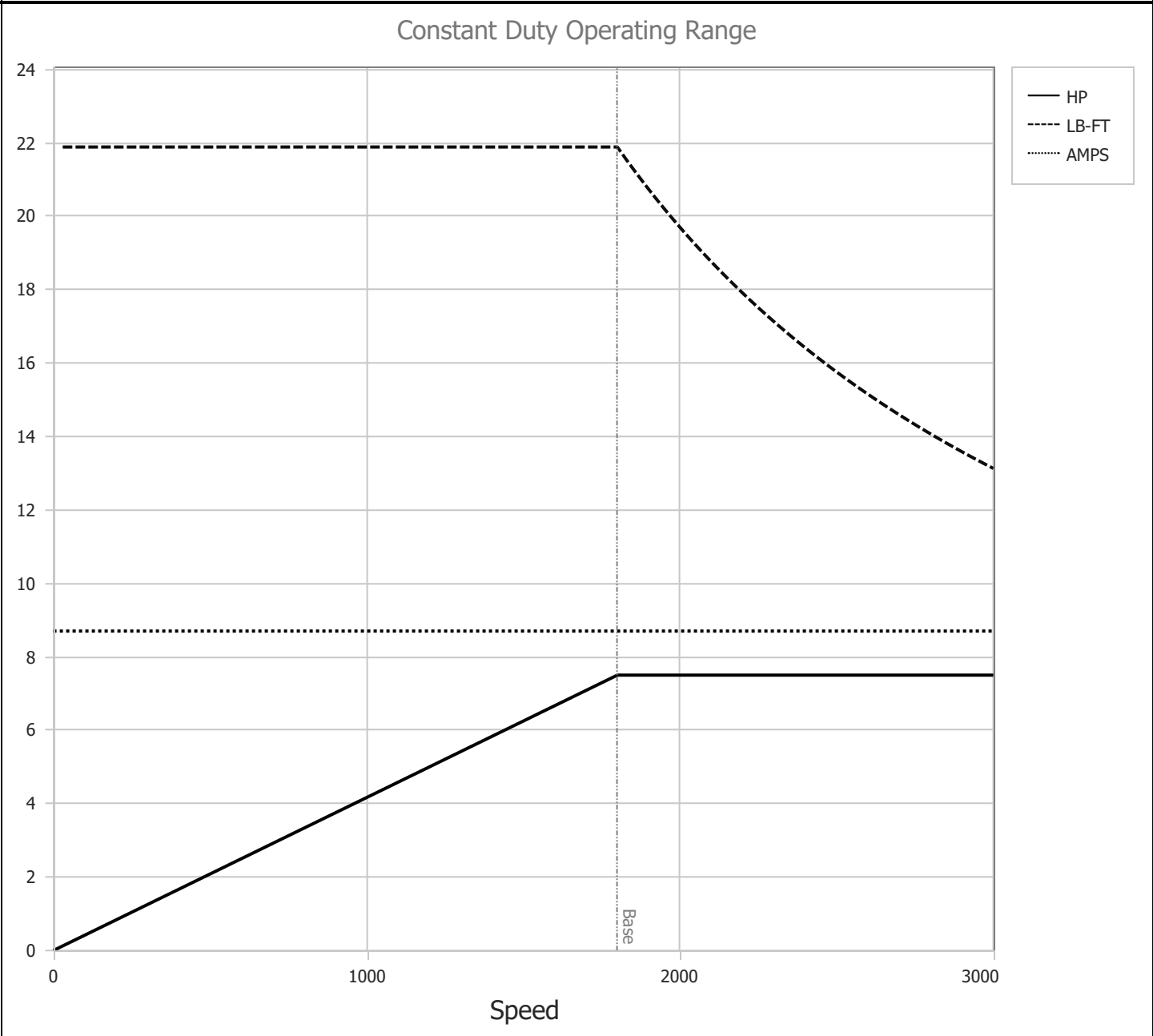
61800-9-2 PDS Performance at Reference Operating Points

	RPM	% Speed	LB-FT	% Torque	HP	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1804	100%	21.9	100%	7.5	91.8	8.85%	501
P2	901	50%	21.9	100%	3.8	87.4	7.16%	405
P3	297	17%	21.9	100%	1.2	74.2	5.67%	321
P4	1803	100%	10.9	50%	3.8	92.2	4.16%	236
P5	902	50%	10.9	50%	1.9	88.6	3.18%	180
P6	296	17%	10.9	50%	0.6	76.0	2.56%	145
P7	900	50%	5.5	25%	0.9	86.4	1.94%	110
P8	295	17%	5.5	25%	0.3	73.5	1.46%	83

Points not taken in certified order.

BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	37WGA0020 37-0001565 Test - 110616
	CK By:	<u>USJORAD2</u>		
	APP By:	<u>USJAROB1</u>		
	Date:	<u>05/09/2024</u>		

Volts	460	Max RPM	3000	Conn Diag.	CD0006B03	Leads	3
Amps	8.7	Max Amps		Cs Diagram	CS1126	BEMF	216
HP	7.5	VFD #	ECI4A9P5			LD	28.09
RPM	1800	S.F.	1.00			LQ	80.586
Phase/Hz	3/60	Rating	40C AMB-CONT			Rs	1.4115 Meas L-L



BALDOR • RELIANCE	DR By:	R & D	AC MOTOR PERFORMANCE CURVES	37WGA0020 37-0001565 Test - 110616
	CK By:	USJORAD2		
	APP By:	USJAROB1		
	Date:	05/09/2024		