

Volts	460	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	1.75	Max Amps		Cs Diagram	CS1126	BEMF	296
HP	2	VFD#	ECIN4A2P2			LD	78.9
RPM	1800	S.F.	1.00			LQ	406
Phase/Hz	3/60	Rating	50C AMB-CONT			Rs	11.7741 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%	5.8	100%	1.8	91.2	8.59%	130
P2	895	50%	5.8	100%	1.0	86.9	7.45%	112
P3	448	25%	5.8	100%	0.5	80.2	6.10%	92
P4	1623	90%	2.9	50%	0.9	91.7	4.08%	62
P5	900	50%	2.9	50%	0.5	89.7	2.85%	43
P6	898	50%	1.5	25%	0.2	88.8	1.56%	24
P7	445	25%	1.5	25%	0.1	84.8	1.11%	17

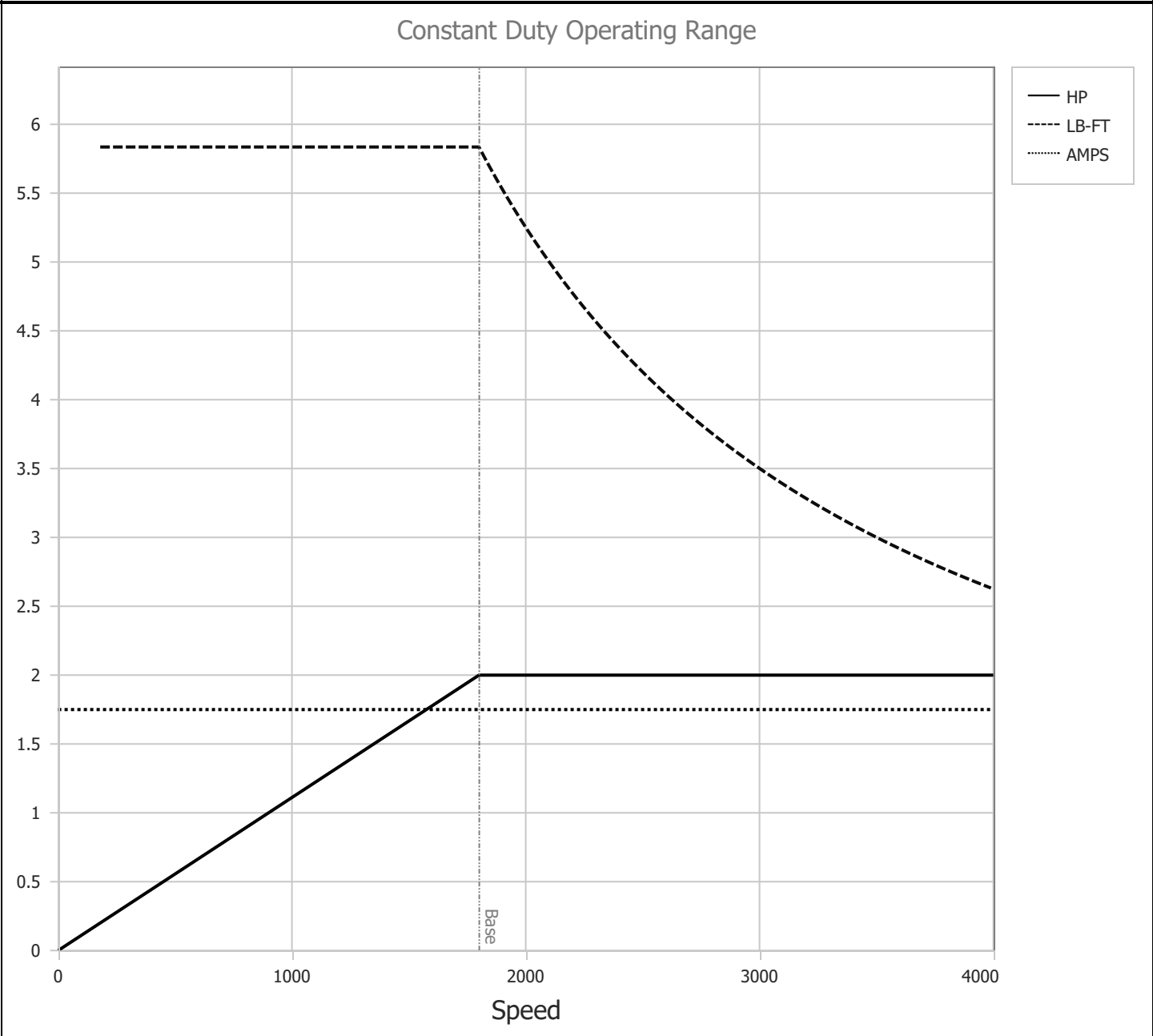
61800-9-2 PDS Performance at Reference Operating Points

	RPM	% Speed	LB-FT	% Torque	HP	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1806	100%	5.8	100%	2.0	88.6	12.70%	192
P2	895	50%	5.8	100%	1.0	82.7	10.27%	155
P3	299	17%	5.8	100%	0.3	66.2	8.39%	127
P4	1807	100%	2.9	50%	1.0	89.0	6.15%	93
P5	900	50%	2.9	50%	0.5	83.4	4.92%	74
P6	300	17%	2.9	50%	0.2	66.8	4.10%	62
P7	898	50%	1.5	25%	0.2	78.9	3.30%	50
P8	298	17%	1.5	25%	0.1	60.7	2.65%	40

Points not taken in certified order.

BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	35WGG963 35-0000-1627 Test - 111378
	CK By:	<u>USTOSAN</u>		
	APP By:	<u>USJAROB1</u>		
	Date:	<u>10/02/2024</u>		

Volts	460	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	1.75	Max Amps		Cs Diagram	CS1126	BEMF	296
HP	2	VFD #	ECIN4A2P2			LD	78.9
RPM	1800	S.F.	1.00			LQ	406
Phase/Hz	3/60	Rating	50C AMB-CONT			Rs	11.7741 Meas L-L



	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	35WGG963
	CK By:	<u>USTOSAN</u>		35-0000-1627
	APP By:	<u>USJAROB1</u>		Test - 111378
	Date:	<u>10/02/2024</u>		