

Volts	208 - 230	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	2.6 - 2.4	Max Amps		Cs Diagram	CS1127	BEMF	135
HP	1	VFD#	ECIN2A4P3			LD	29.3
RPM	1800	S.F.	1.00			LQ	136
Phase/Hz	3/60	Rating	40C AMB-CONT			Rs	4.8923 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	1618	90%	2.9	100%	0.9	89.1	10.92%	82
P2	901	50%	2.9	100%	0.5	84.3	9.24%	70
P3	450	25%	2.9	100%	0.3	78.4	6.85%	52
P4	1621	90%	1.5	50%	0.5	89.0	5.52%	42
P5	900	50%	1.5	50%	0.3	87.1	3.69%	28
P6	900	50%	0.7	25%	0.1	86.1	1.99%	15
P7	450	25%	0.7	25%	0.1	83.2	1.24%	9

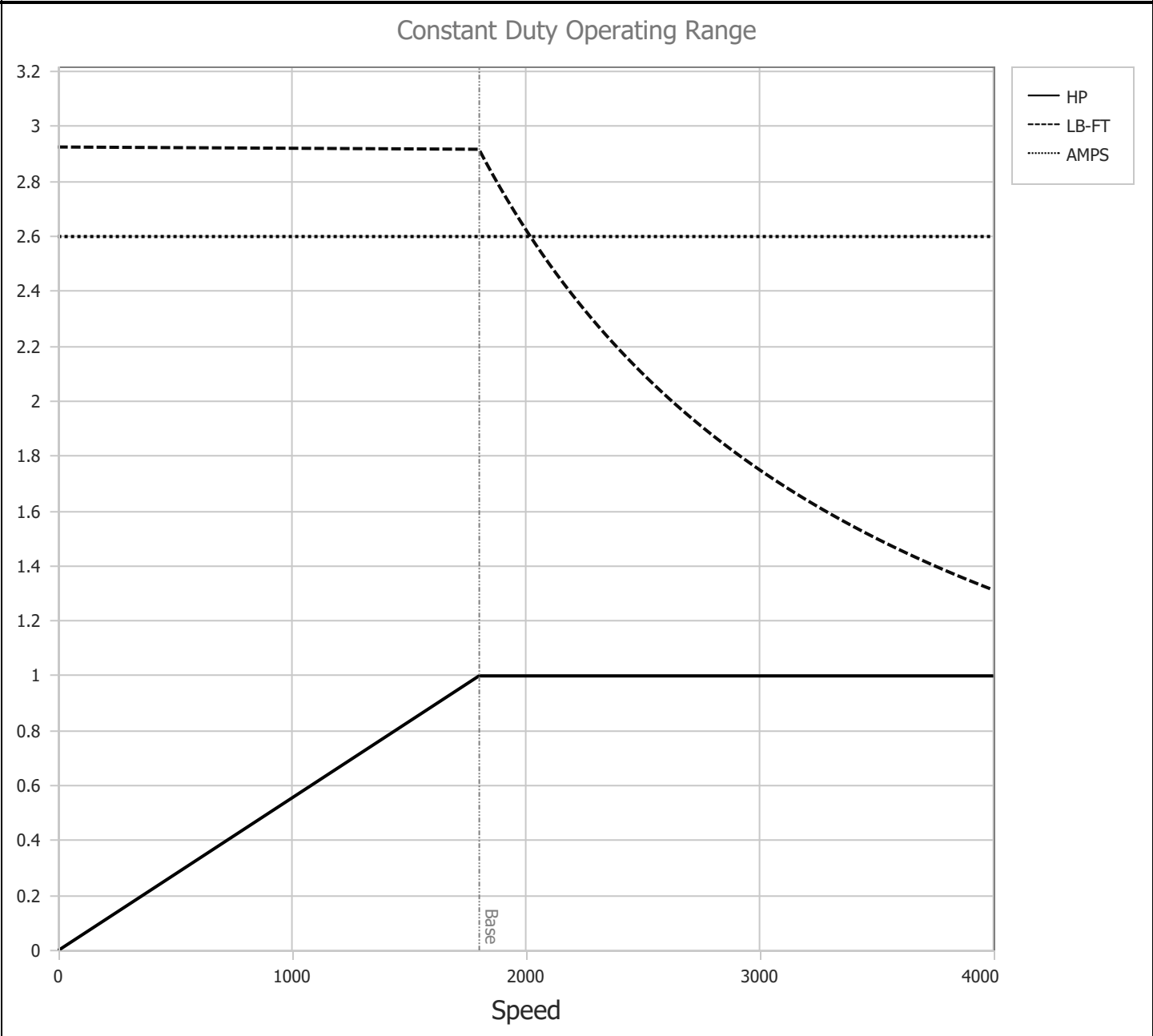
61800-9-2 PDS Performance at Reference Operating Points

	RPM	% Speed	LB-FT	% Torque	HP	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1804	100%	2.9	100%	1.0	87.4	14.30%	108
P2	901	50%	2.9	100%	0.5	80.3	12.17%	92
P3	300	17%	2.9	100%	0.2	64.8	8.96%	68
P4	1801	100%	1.5	50%	0.5	85.8	8.17%	62
P5	900	50%	1.5	50%	0.3	81.9	5.45%	41
P6	300	17%	1.5	50%	0.1	66.9	4.07%	31
P7	900	50%	0.7	25%	0.1	79.0	3.27%	25
P8	300	17%	0.7	25%	0.0	64.4	2.28%	17

Points not taken in certified order.

BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	35WGG932 35-0000-1620 Test - 111668
	CK By:	<u>USBIBAK</u>		
	APP By:	<u>USWEQUA1</u>		
	Date:	<u>12/07/2024</u>		

Volts	208 - 230	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	2.6 - 2.4	Max Amps		Cs Diagram	CS1127	BEMF	135
HP	1	VFD #	ECIN2A4P3			LD	29.3
RPM	1800	S.F.	1.00			LQ	136
Phase/Hz	3/60	Rating	40C AMB-CONT			Rs	4.8923 Meas L-L



BALDOR • RELIANCE	DR By:	R & D	AC MOTOR PERFORMANCE CURVES	35WGG932
	CK By:	USBIBAK		35-0000-1620
	APP By:	USWEQUA1		Test - 111668
	Date:	12/07/2024		