

Volts	460	Max RPM	3000	Conn Diag.	CD0005	Leads	9
Amps	11	Max Amps		Cs Diagram	CS0576	BEMF	116/231
HP	10	VFD#	ECIN4A12P0			LD	5.8/23.2
RPM	1800	S.F.	1.50			LQ	19/75.9
Phase/Hz	3/60	Rating	40 C AMB			Rs	0.9625 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%	29.2	100%	9.0	93.1	6.65%	502
P2	902	50%	29.2	100%	5.0	90.9	5.01%	378
P3	451	25%	29.2	100%	2.5	85.5	4.22%	318
P4	1624	90%	14.6	50%	4.5	91.8	3.98%	300
P5	903	50%	14.6	50%	2.5	90.3	2.68%	202
P6	903	50%	7.3	25%	1.3	86.9	1.88%	142
P7	451	25%	7.3	25%	0.6	81.6	1.40%	106

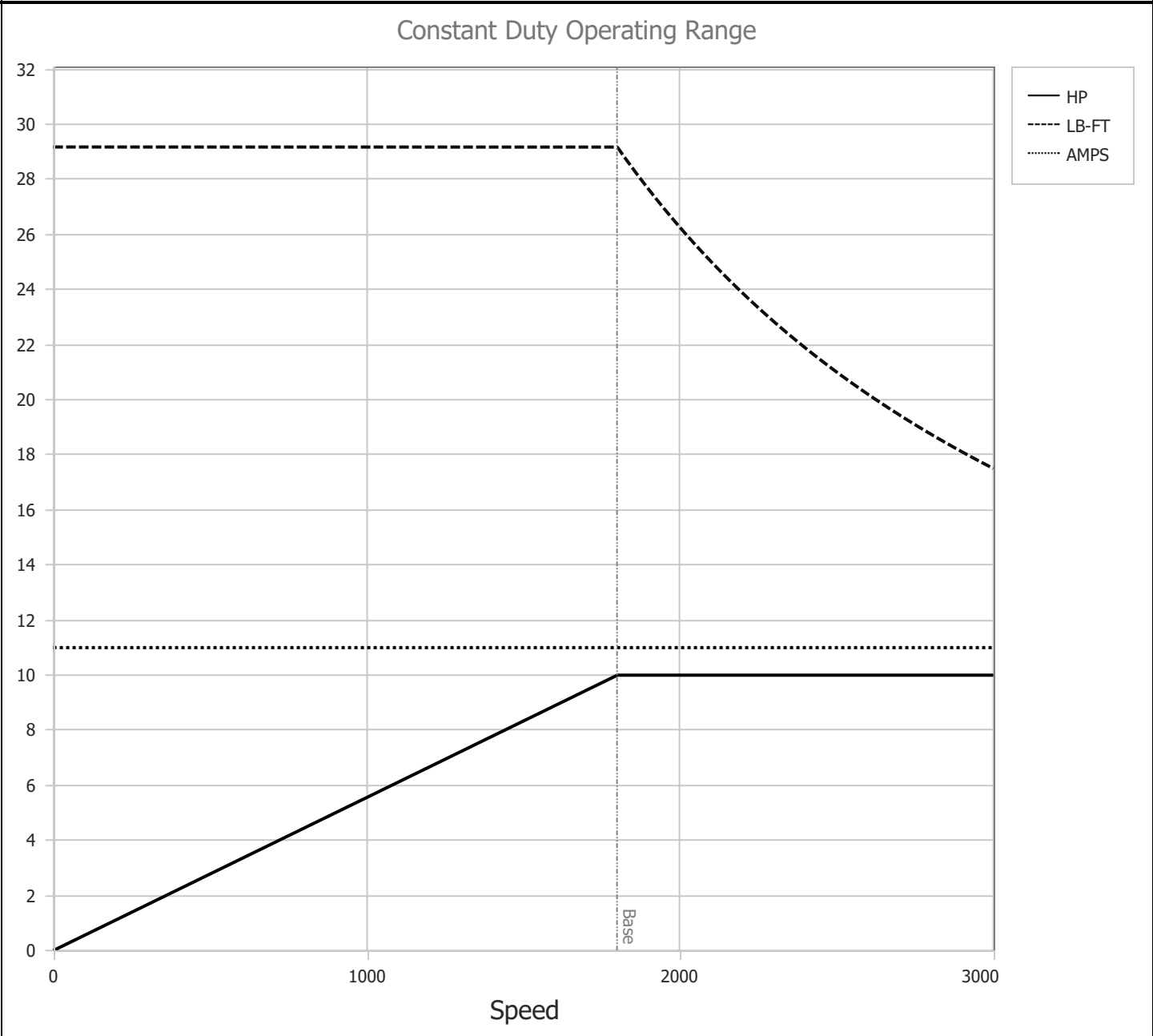
61800-9-2 PDS Performance at Reference Operating Points

	RPM	% Speed	LB-FT	% Torque	HP	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1806	100%	29.2	100%	10.0	92.7	7.79%	588
P2	902	50%	29.2	100%	5.0	89.0	6.13%	463
P3	300	17%	29.2	100%	1.7	77.0	4.93%	372
P4	1802	100%	14.6	50%	5.0	91.5	4.58%	346
P5	903	50%	14.6	50%	2.5	89.3	2.97%	224
P6	300	17%	14.6	50%	0.8	78.6	2.25%	170
P7	903	50%	7.3	25%	1.3	87.3	1.80%	136
P8	301	17%	7.3	25%	0.4	76.4	1.27%	96

Points not taken in certified order.

BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	37WGL001 37Q435L001G1 Test - 112056
	CK By:	<u>USGAHIL</u>		
	APP By:			
	Date:	<u>03/13/2025</u>		

Volts	460	Max RPM	3000	Conn Diag.	CD0005	Leads	9
Amps	11	Max Amps		Cs Diagram	CS0576	BEMF	116/231
HP	10	VFD #	ECIN4A12P0			LD	5.8/23.2
RPM	1800	S.F.	1.50			LQ	19/75.9
Phase/Hz	3/60	Rating	40 C AMB			Rs	0.9625 Meas L-L



BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	37WGL001 37Q435L001G1 <i>Test - 112056</i>
	CK By:	<u>USGAHIL</u>		
	APP By:			
	Date:	<u>03/13/2025</u>		