

Volts	120	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	2.4	Max Amps		Cs Diagram	CS1127	BEMF	135
HP	1	VFD#	ECIN1A3P2			LD	29.3
RPM	1800	S.F.	1.00			LQ	136
Phase/Hz	3/60	Rating	40C AMB-CONT			Rs	4.8894 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	89.8	10.17%	77
P2	900	50%	2.9	100%	0.5	85.4	8.48%	64
P3	450	25%	2.9	100%	0.2	78.7	6.68%	50
P4	1620	90%	1.5	50%	0.5	89.3	5.36%	40
P5	900	50%	1.5	50%	0.2	87.3	3.61%	27
P6	900	50%	0.7	25%	0.1	86.0	2.03%	15
P7	450	25%	0.7	25%	0.1	83.2	1.24%	9

61800-9-2 PDS Performance at Reference Operating Points

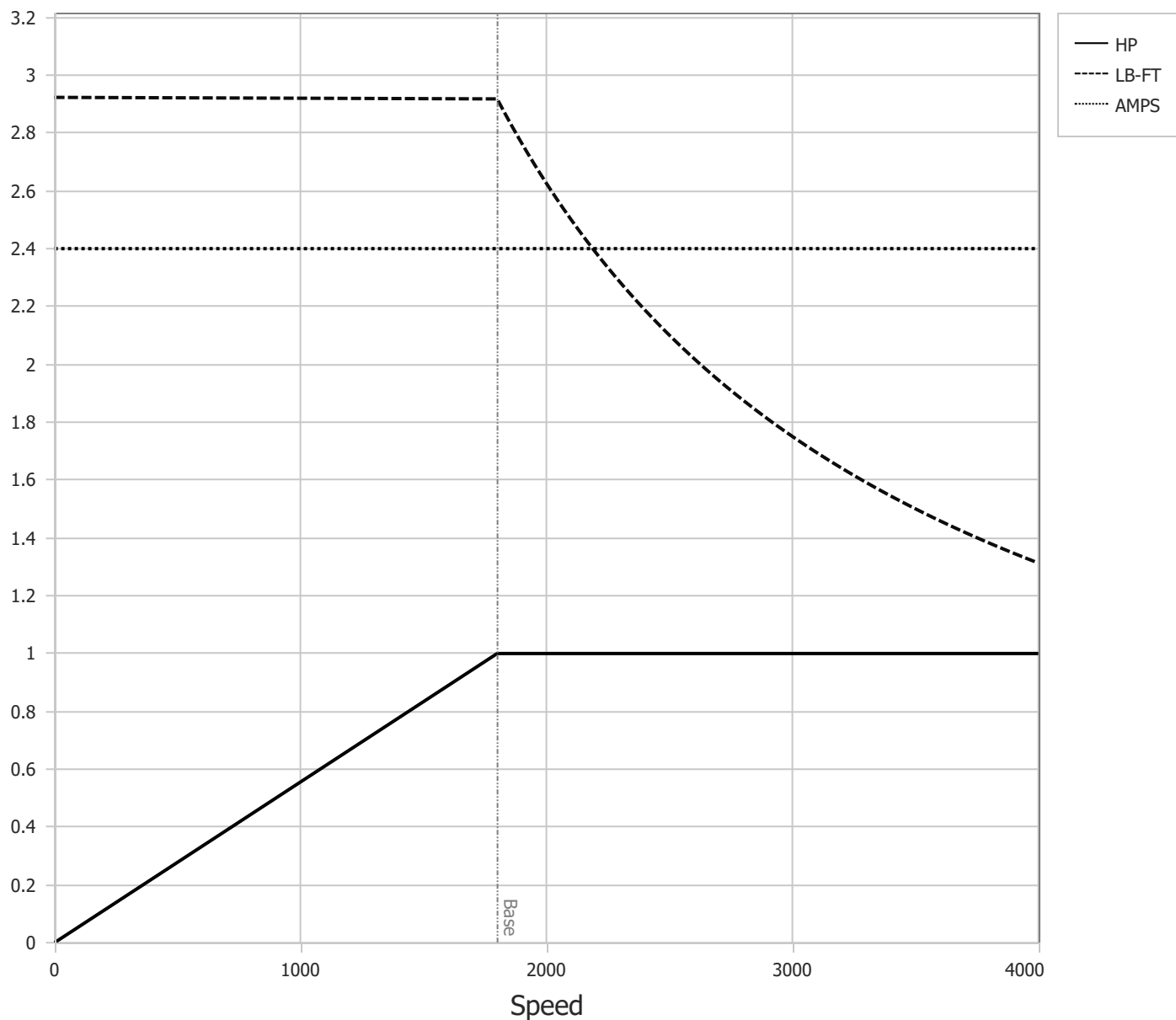
	RPM	% Speed	LB-FT	% Torque	HP	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1801	100%	2.9	100%	1.0	86.8	15.08%	114
P2	900	50%	2.9	100%	0.5	81.0	11.57%	87
P3	299	17%	2.9	100%	0.2	65.1	8.79%	66
P4	1799	100%	1.5	50%	0.5	85.7	8.23%	62
P5	900	50%	1.5	50%	0.2	82.0	5.43%	41
P6	300	17%	1.5	50%	0.1	67.1	4.03%	30
P7	900	50%	0.7	25%	0.1	78.9	3.32%	25
P8	300	17%	0.7	25%	0.0	64.6	2.25%	17

Points not taken in certified order.

BALDOR • RELIANCE	DR By:	<u>R & D</u>	AC MOTOR PERFORMANCE CURVES	35WGG932 35-0000-1616 Test - 111671
	CK By:	<u>USBIBAK</u>		
	APP By:	<u>USWEQUA1</u>		
	Date:	<u>12/07/2024</u>		

Volts	120	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	2.4	Max Amps		Cs Diagram	CS1127	BEMF	135
HP	1	VFD #	ECIN1A3P2			LD	29.3
RPM	1800	S.F.	1.00			LQ	136
Phase/Hz	3/60	Rating	40C AMB-CONT			Rs	4.8894 Meas L-L

Constant Duty Operating Range



BALDOR • RELIANCE

DR By: R & D
 CK By: USBIBAK
 APP By: USWEQUA1
 Date: 12/07/2024

**AC MOTOR
 PERFORMANCE
 CURVES**

35WGG932
 35-0000-1616
 Test - 111671