Volts	230	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	4.8	Max Amps		Cs Diagram	CS1127	BEMF	95
HP	2	VFD#	OPC-2-120070-1			LD	15.2
RPM	1800	S.F.	1.00			LQ	63.5
Phase/Hz	3/60	Rating	40C AMB-CONT			Rs	9.5595 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	1619	90%	5.8	100%	1.8	84.2	16.73%	252
P2	906	50%	4.2	100%	0.7	62.7	21.27%	321
P3	440	25%	2.8	100%	0.2	36.4	20.56%	310
P4	1627	90%	2.9	50%	0.9	83.8	8.66%	131
P5	902	50%	2.9	50%	0.5	69.3	10.98%	166
P6	901	50%	1.5	25%	0.3	76.0	3.93%	59
P7	455	25%	1.5	25%	0.1	61.2	3.96%	60

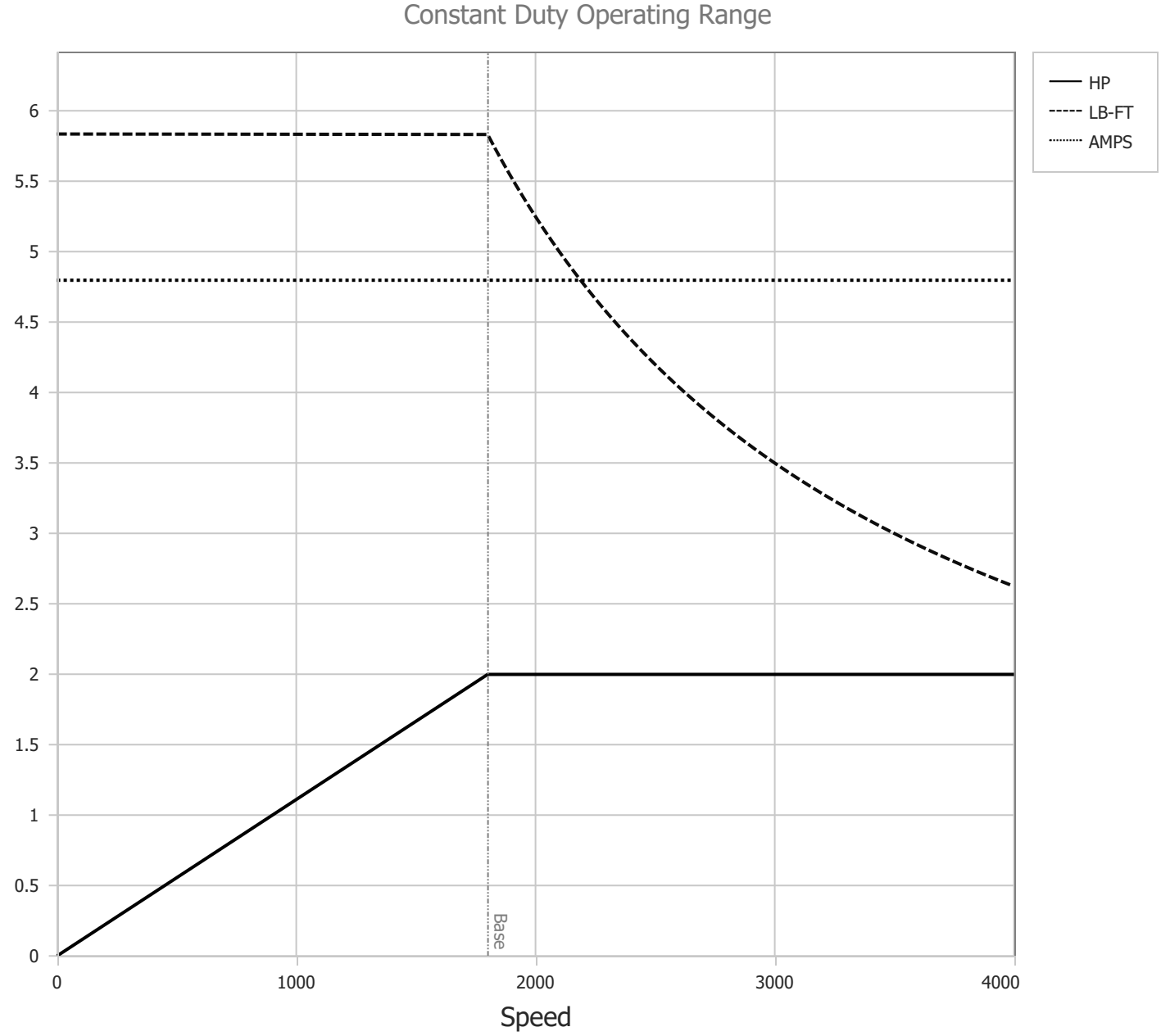
61800-9-2 PDS Performance at Reference Operating Points

	RPM	% Speed	LB-FT	% Torque	HP	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1784	100%	5.8	100%	2.0	81.2	22.62%	341
P2	906	50%	4.2	100%	0.7	58.0	25.91%	391
P3	298	17%	2.2	100%	0.1	26.7	16.78%	253
P4	1790	100%	2.9	50%	1.0	79.0	13.05%	197
P5	902	50%	2.9	50%	0.5	63.9	14.02%	212
P6	299	17%	2.2	50%	0.1	26.7	16.62%	251
P7	901	50%	1.5	25%	0.3	68.7	5.66%	85
P8	311	17%	1.5	25%	0.1	40.6	6.26%	94

Points not taken in certified order.

BALDOR • RELIANCE	DR By: R & D CK By: USTOSAN APP By: USJAROB1 Date: 01/29/2025	**AC MOTOR PERFORMANCE CURVES**	**35WGA0050** 35-0000-1619 *Test - 111860*

Volts	230	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	4.8	Max Amps		Cs Diagram	CS1127	BEMF	95
HP	2	VFD #	OPC-2-120070-1			LD	15.2
RPM	1800	S.F.	1.00			LQ	63.5
Phase/Hz	3/60	Rating	40C AMB-CONT			Rs	9.5595 Meas L-L



BALDOR • RELIANCE

DR By:	R & D
CK By:	USTOSAN
APP By:	USJAROB1
Date:	01/29/2025

AC MOTOR PERFORMANCE CURVES

35WGA0050

35-0000-1619

Test - 111860