

Volts	230	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	2.5	Max Amps		Cs Diagram	CS1127	BEMF	135
HP	1	VFD#	ECIN1A3P2			LD	30.8
RPM	1800	S.F.	1.00			LQ	135
Phase/Hz	3/60	Rating	40C AMB-CONT			Rs	4.8992 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%	2.9	100%	0.9	89.7	10.25%	77
P2	899	50%	2.9	100%	0.5	86.2	7.89%	60
P3	449	25%	2.9	100%	0.2	79.0	6.57%	50
P4	1619	90%	1.5	50%	0.5	88.5	5.81%	44
P5	899	50%	1.5	50%	0.2	86.6	3.84%	29
P6	899	50%	0.7	25%	0.1	84.2	2.32%	17
P7	449	25%	0.7	25%	0.1	81.6	1.40%	11

### 61800-9-2 PDS Performance at Reference Operating Points

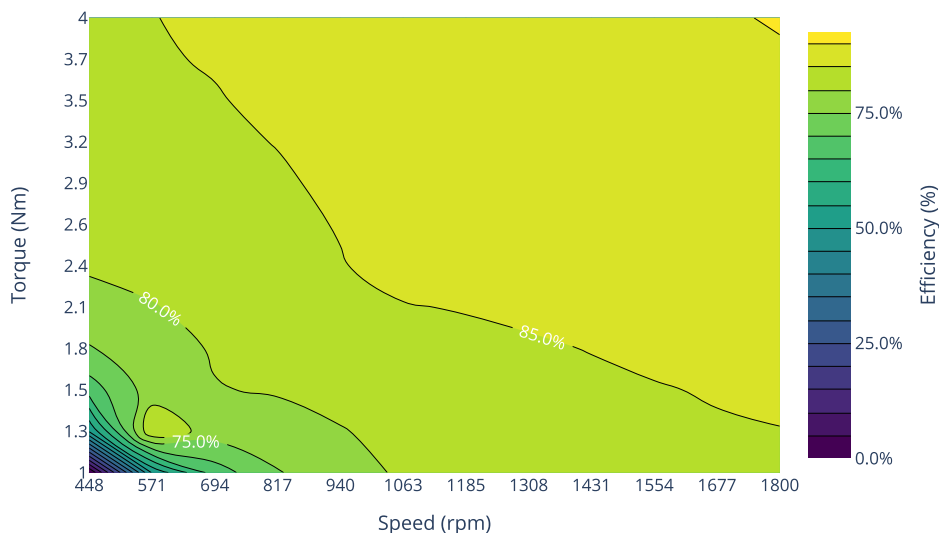
	RPM	% Speed	LB-FT	% Torque	HP	System Efficiency	Loss (% FL)	Watts Loss (W)
P1	1799	100%	2.9	100%	1.0	86.2	15.83%	119
P2	899	50%	2.9	100%	0.5	79.7	12.59%	95
P3	299	17%	2.9	100%	0.2	61.3	10.38%	78
P4	1799	100%	1.5	50%	0.5	82.8	10.26%	77
P5	899	50%	1.5	50%	0.2	77.1	7.34%	55
P6	299	17%	1.5	50%	0.1	58.7	5.79%	44
P7	899	50%	0.7	25%	0.1	69.7	5.36%	40
P8	299	17%	0.7	25%	0.0	51.3	3.87%	29

Points not taken in certified order.

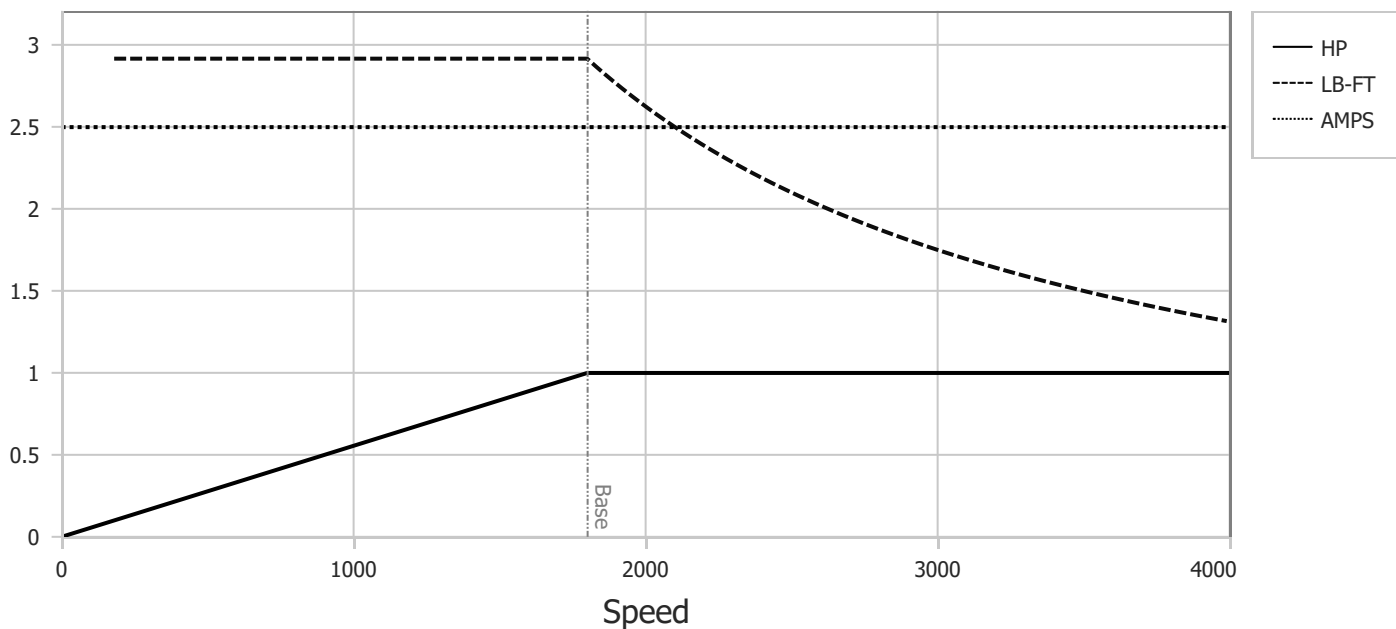
<b>BALDOR • RELIANCE</b>	DR By:	<u>R &amp; D</u>	<b>AC MOTOR PERFORMANCE CURVES</b>	<b>35WGG932</b> 35E5209G932 Test - 111079
	CK By:	<u>USJORAD2</u>		
	APP By:	<u>USJAROB1</u>		
	Date:	<u>08/03/2024</u>		

Volts	230	Max RPM	4000	Conn Diag.	CD0006B03	Leads	3
Amps	2.5	Max Amps		Cs Diagram	CS1127	BEMF	135
HP	1	VFD #	ECIN1A3P2			LD	30.8
RPM	1800	S.F.	1.00			LQ	135
Phase/Hz	3/60	Rating	40C AMB-CONT			Rs	4.8992 Meas L-L

### Motor Load Performance at Standardized Operating Points



### Constant Duty Operating Range



**BALDOR • RELIANCE**

DR By: R & D  
 CK By: USJORAD2  
 APP By: USJAROB1  
 Date: 08/03/2024

**AC MOTOR  
 PERFORMANCE  
 CURVES**

**35WGG932**  
 35E5209G932  
 Test - 111079