

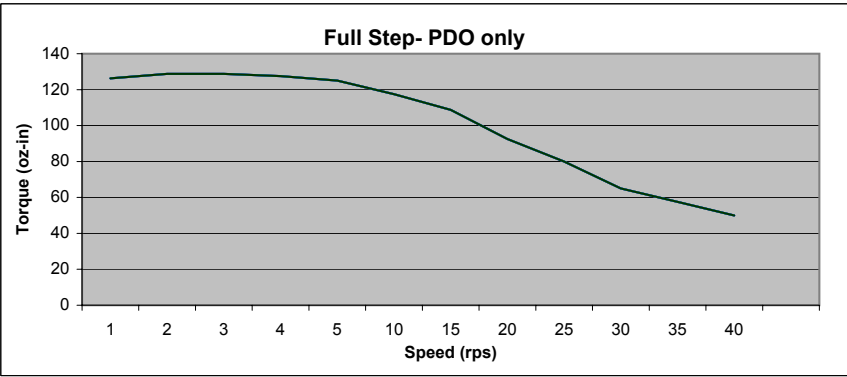


Motor/ Drive torque speed test data

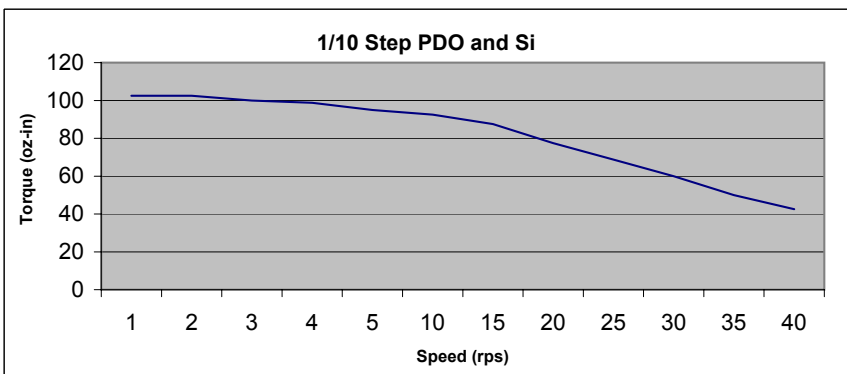
Drive	PDO/Si5580
Motor	5023-123
Current	2.5A
Connection	Parallel
Voltages	Bus 80V
Resolutions	Full , 2000

Test Parameters	
Test Date	12/12/2002
Test Rig	Magtrol 1-100 oz-in
Other	50% idle

Resolution	Full (PDO)	
Speed (rps)	Torque (oz-in)	
1	126.25	
2	128.75	
3	128.75	
4	127.5	
5	125	
10	117.5	
15	108.75	
20	92.5	
25	80	
30	65	
35	57.5	
40	50	



Resolution	PDO and Si 2000	
Speed (rps)	Torque (oz-in)	
1	102.5	
2	102.5	
3	100	
4	98.75	
5	95	
10	92.5	
15	87.5	
20	77.5	
25	68.75	
30	60	
35	50	
40	42.5	



NOTE

Information for these curves is derived from physical tests on a dynamometer with the selected motor and drive. Curves indicate the point at which the motor stalls and may not show system resonances. When selecting a motor customers should allow a suitable safety margin.

Performance is application dependant and will vary with different mechanical arrangements. Mounting and ambient temperature will also effect thermal characteristics and thus modify the motors ability to deliver the stated torque continuously.