

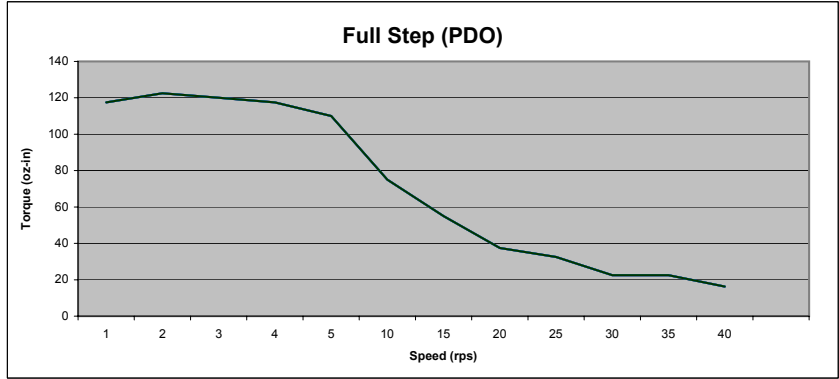


Motor/ Drive torque speed test data

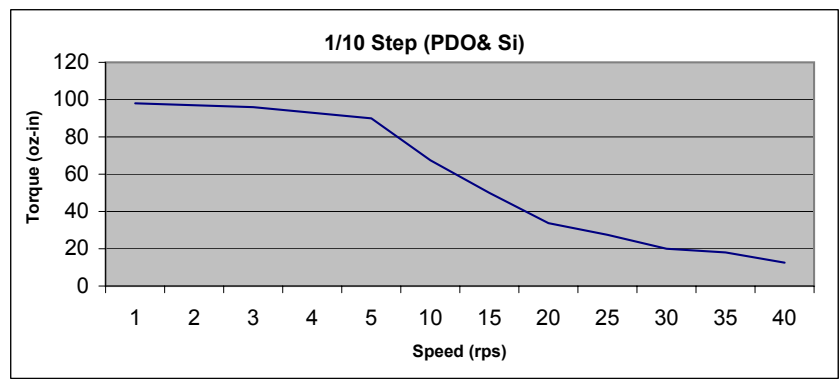
Drive	PDO/Si3540
Motor	5023-123
Current	2.5A
Connection	Parrallel
Voltages	40V Bus
Resolutions	Full , 2000

Test Parameters		
Test Date		
Test Rig	1-800	1-100
Other		

Resolution	Full (PDO)
Speed (rps)	Torque (oz-in)
1	117.5
2	122.5
3	120
4	117.5
5	110
10	75
15	55
20	37.5
25	32.5
30	22.5
35	22.5
40	16.25



Resolution	2000
Speed (rps)	Torque (oz-in)
1	98
2	97
3	96
4	93
5	90
10	67.5
15	50
20	33.75
25	27.5
30	20
35	18
40	12.5



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.