

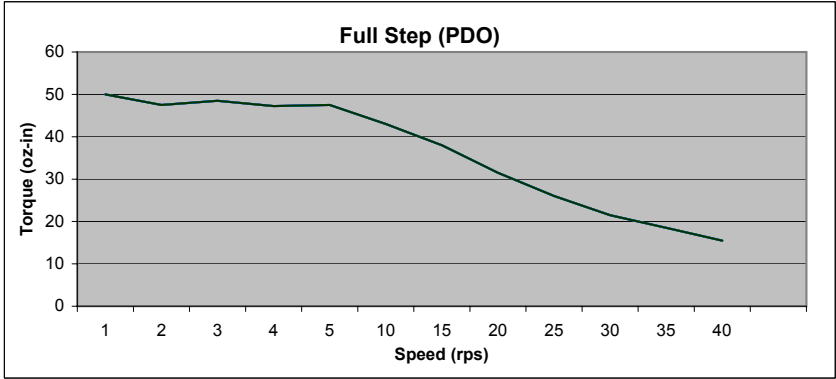


Motor/ Drive torque speed test data

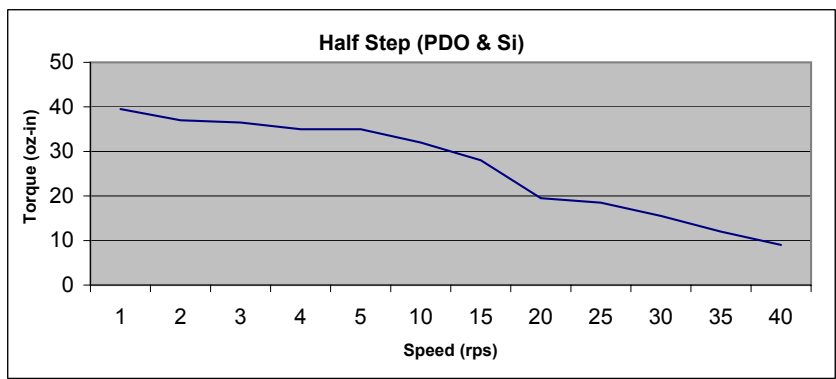
Drive	PDO/Si3540
Motor	HT17-075
Current	1.74
Connection	Parrallel
Voltages	Bus 40V
Resolutions	Full , 2000

Test Parameters	
Test Date	
Test Rig	Magtrol 1-100
Other	

Resolution	Full (PDO)
Speed (rps)	Torque (oz-in)
1	50
2	47.5
3	48.5
4	47.25
5	47.5
10	43
15	38
20	31.5
25	26
30	21.5
35	18.5
40	15.5



Resolution	2000
Speed (rps)	Torque (oz-in)
1	39.5
2	37
3	36.5
4	35
5	35
10	32
15	28
20	19.5
25	18.5
30	15.5
35	12
40	9



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.