

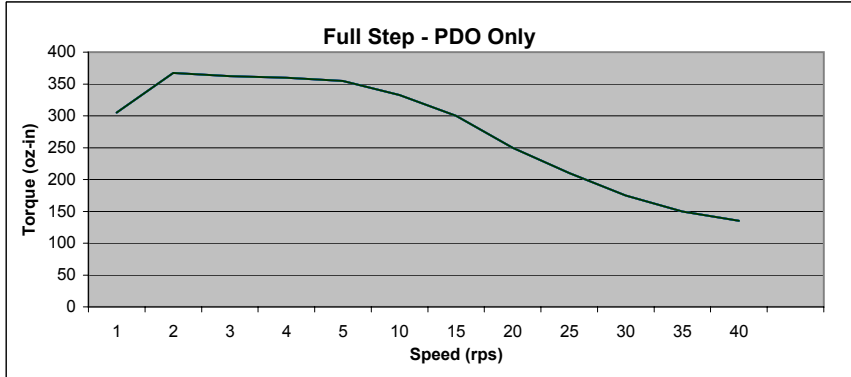


Motor/ Drive torque speed test data

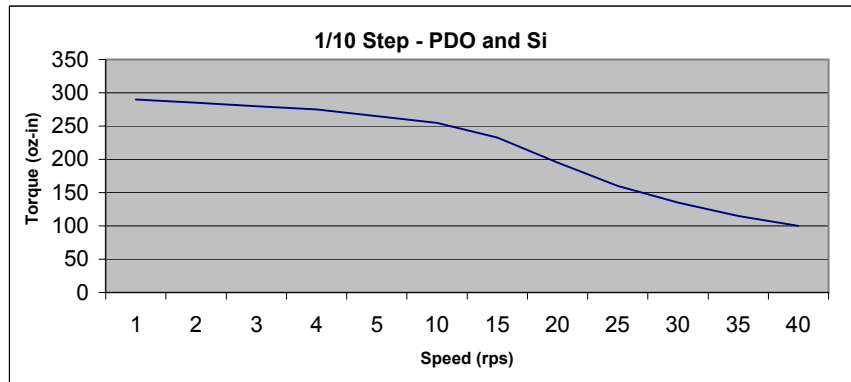
Drive	PDO/Si5580
Motor	HT34-474
Current	5.5A
Connection	Parallel
Voltages	Bus 80V
Resolutions	Full , 2000

Test Parameters	
Test Date	5/12/2003
Test Rig	Magtrol 1-800
Other	50% idle

Resolution	Full (PDO)
Speed (rps)	Torque (oz-in)
1	305
2	367.5
3	362.5
4	360
5	355
10	332.5
15	300
20	250
25	210
30	175
35	150
40	135



Resolution	PDO and Si - 2000
Speed (rps)	Torque (oz-in)
1	290
2	285
3	280
4	275
5	265
10	255
15	232.5
20	195
25	160
30	135
35	115
40	100



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.