

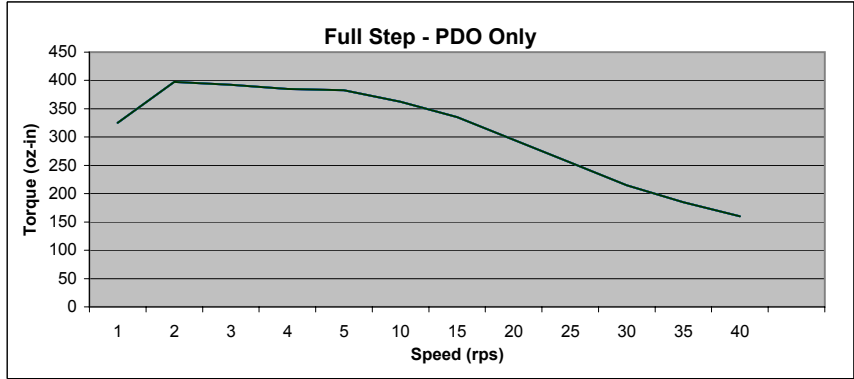


Motor/ Drive torque speed test data

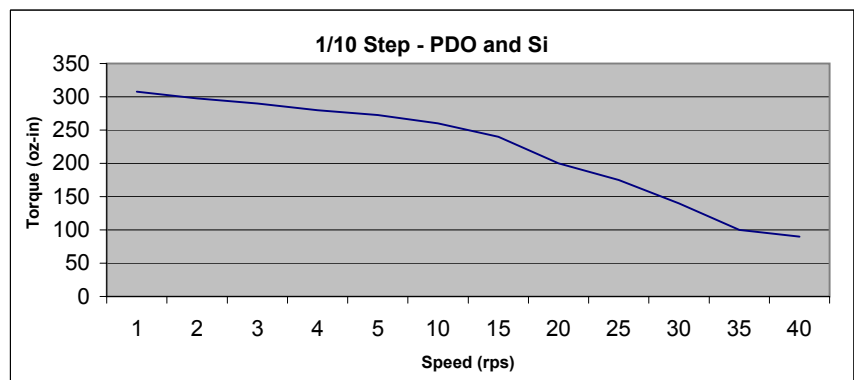
Drive	PDO/Si5580
Motor	HT34-485
Current	5.5A
Connection	Parallel
Voltages	Bus 80V
Resolutions	Full , 2000

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

Resolution	Full (PDO)
Speed (rps)	Torque (oz-in)
1	325
2	397.5
3	392.5
4	385
5	382.5
10	362.5
15	335
20	295
25	255
30	215
35	185
40	160



Resolution	PDO and Si - 2000
Speed (rps)	Torque (oz-in)
1	307.5
2	297.5
3	290
4	280
5	272.5
10	260
15	240
20	200
25	175
30	140
35	100
40	90



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.