

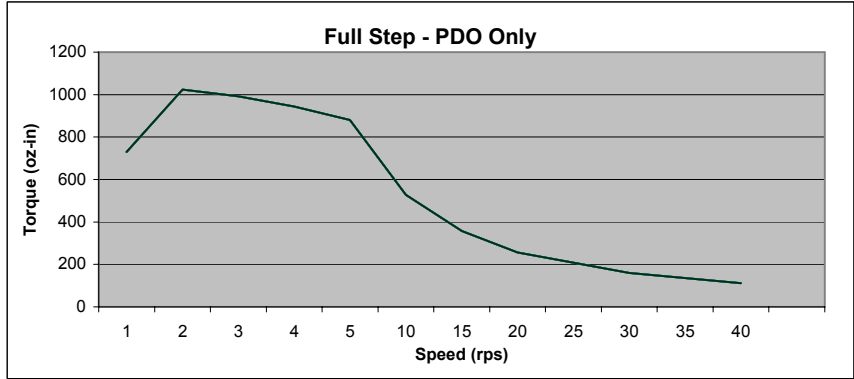


**Motor/ Drive torque speed test data**

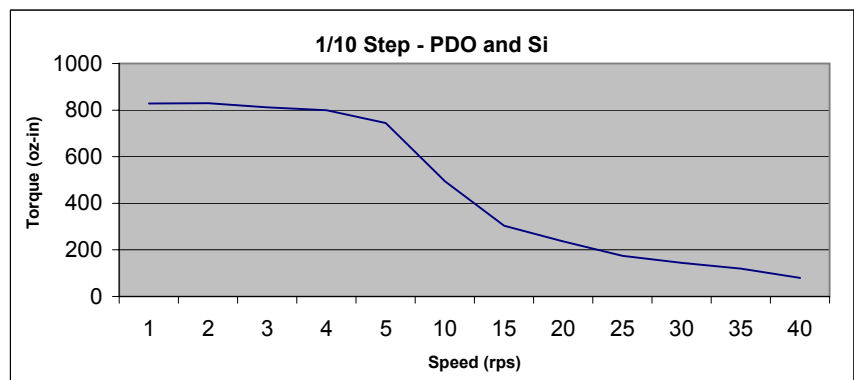
<b>Drive</b>	<b>PDO/Si5580</b>
<b>Motor</b>	<b>HT34-478</b>
<b>Current</b>	<b>5.5A</b>
<b>Connection</b>	<b>Parallel</b>
<b>Voltages</b>	<b>Bus 80V</b>
<b>Resolutions</b>	<b>Full , 2000</b>

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

Resolution	Full ( PDO)
Speed ( rps)	Torque (oz-in)
1	730
2	1024
3	992
4	944
5	880
10	528
15	358
20	256
25	208
30	160
35	136
40	112



Resolution	PDO and Si - 2000
Speed ( rps)	Torque (oz-in)
1	828
2	830
3	812
4	800
5	744
10	494
15	304
20	236
25	174
30	144
35	120
40	80



**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.