

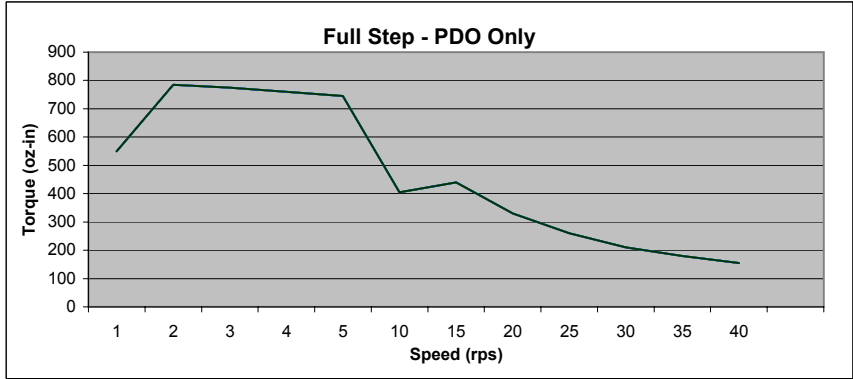


**Motor/ Drive torque speed test data**

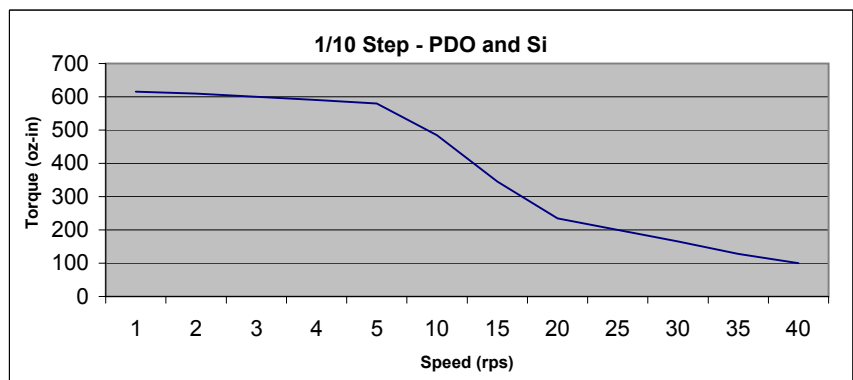
<b>Drive</b>	<b>PDO/Si5580</b>
<b>Motor</b>	<b>HT34-486</b>
<b>Current</b>	<b>5.5A</b>
<b>Connection</b>	<b>Parallel</b>
<b>Voltages</b>	<b>Bus 80V</b>
<b>Resolutions</b>	<b>Full , 2000</b>

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

Resolution	Full ( PDO)
Speed ( rps)	Torque (oz-in)
1	550
2	785
3	775
4	760
5	745
10	405
15	440
20	330
25	260
30	210
35	180
40	155



Resolution	PDO and Si - 2000
Speed ( rps)	Torque (oz-in)
1	615
2	610
3	600
4	590
5	580
10	485
15	345
20	235
25	200
30	165
35	127.5
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.