

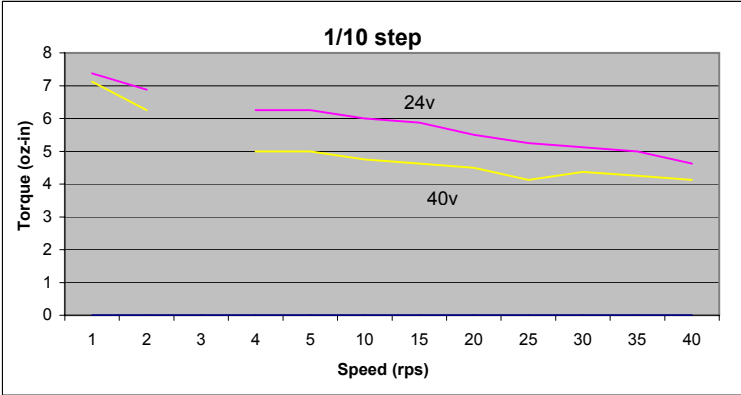


**Motor/ Drive torque speed test data**

<b>Drive</b>	<b>3540 Series</b>
<b>Motor</b>	<b>HT11-012</b>
<b>Current</b>	<b>1.0A</b>
<b>Connection</b>	<b>End-end</b>
<b>Voltages</b>	<b>24V/40V</b>
<b>Resolutions</b>	<b>2000</b>

Test Parameters	
Test Date	11/22/2002
Test Rig	Magtrol 1-100/1-800
Other	

<b>Resolution</b>	2000		
<b>Speed (rps)</b>	Torque (oz-in)		
<b>Voltage</b>	12V	24V	40V
1	0	7.375	7.125
2	0	6.875	6.25
3	0		
4	0	6.25	5
5	0	6.25	5
10	0	6	4.75
15	0	5.875	4.625
20	0	5.5	4.5
25	0	5.25	4.125
30	0	5.125	4.375
35	0	5	4.25
40	0	4.625	4.125



**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.