

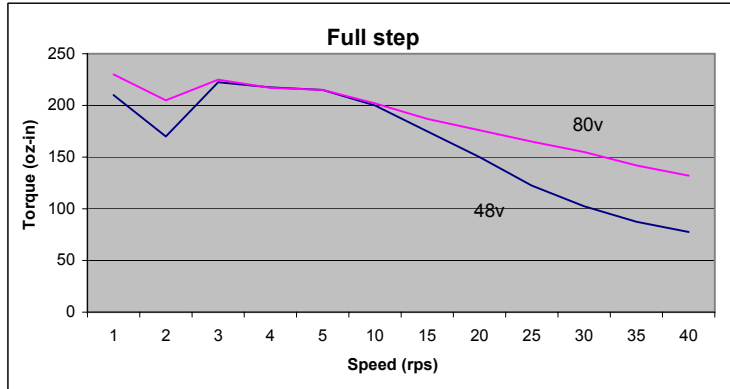


Motor/ Drive torque speed test data

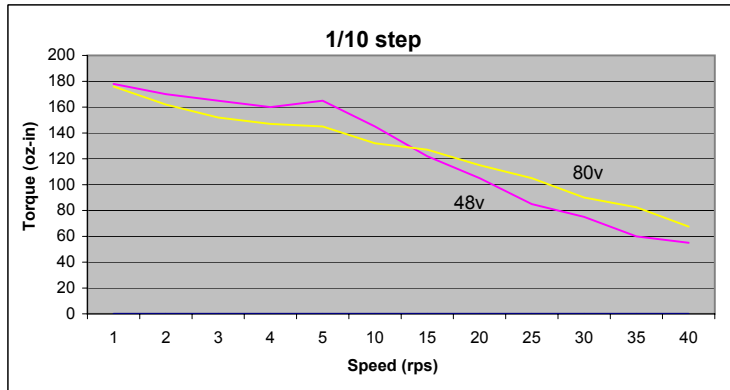
Drive	7080
Motor	HT23-401
Current	4.2A
Connection	Parallel
Voltages	48v
Resolutions	Full/2000

Test Parameters	
Test Date	6/3/2002
Test Rig	Magtrol
Other	

Resolution	Full		
Speed (rps)	Torque (oz-in)		
Voltage	24V	48V	80V
1	0	210	230
2	0	170	205
3	0	222.5	225
4	0	217.5	217
5	0	215	215
10	0	200	202
15	0	175	187
20	0	150	176
25	0	122.5	165
30	0	102.5	155
35	0	87.5	142
40	0	77.5	132



Resolution	2000		
Speed (rps)	Torque (oz-in)		
Voltage	24V	48V	80V
1	0	178	176
2	0	170	162
3	0	165	152
4	0	160	147
5	0	165	145
10	0	145	132
15	0	122	127
20	0	105	115
25	0	85	105
30	0	75	90
35	0	60	82.5
40	0	55	67.5



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.