

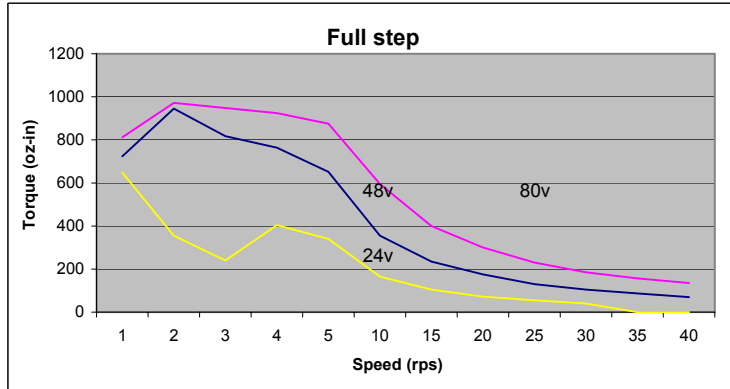


Motor/ Drive torque speed test data

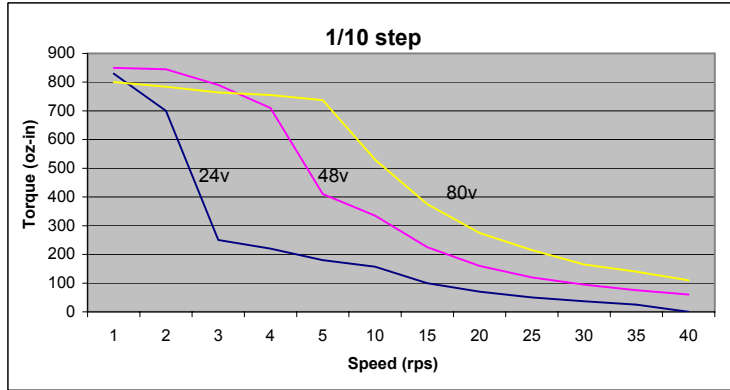
Drive	7080
Motor	HT34-478
Current	5.6A
Connection	Parallel
Voltages	24v-48v-80v
Resolutions	Full/2000

Test Parameters	
Test Date	5/9/2002
Test Rig	Magtrol
Other	

Resolution	Full		
Speed (rps)	Torque (oz-in)		
Voltage	24V	48V	80V
1	648	724	812
2	355	945	972
3	240	817	948
4	404	764	924
5	340	652	875
10	165	355	595
15	105	235	400
20	72	175	300
25	55	130	230
30	40	105	185
35	0	87	157
40	0	70	135



Resolution	2000		
Speed (rps)	Torque (oz-in)		
Voltage	24V	48V	80V
1	830	850	800
2	700	845	784
3	250	790	764
4	220	710	755
5	180	410	737
10	157	335	530
15	100	225	375
20	70	160	275
25	50	120	215
30	37	95	165
35	25	75	140
40	0	60	110



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.