

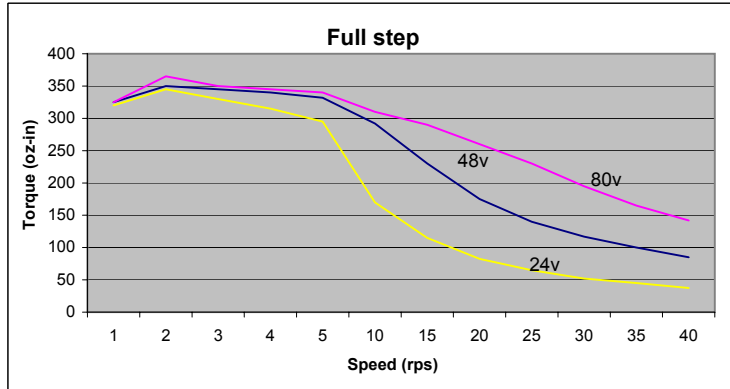


Motor/ Drive torque speed test data

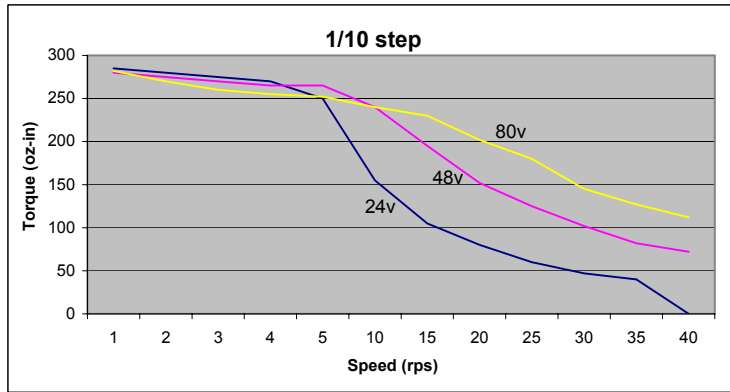
Drive	7080
Motor	HT34-474
Current	6.3A
Connection	Parallel
Voltages	24v-48v-80v
Resolutions	Full/2000

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

Resolution	Full		
Speed (rps)	Torque (oz-in)		
Voltage	24V	48V	80V
1	320	325	325
2	345	350	365
3	330	345	350
4	315	340	345
5	295	332	340
10	170	292	310
15	115	230	290
20	82.5	175	260
25	65	140	230
30	52	117	195
35	45	100	165
40	37.5	85	142



Resolution	2000		
Speed (rps)	Torque (oz-in)		
Voltage	24V	48V	80V
1	285	280	282
2	280	275	270
3	275	270	260
4	270	265	255
5	250	265	252
10	155	240	240
15	105	195	230
20	80	152	202
25	60	125	180
30	47	102	145
35	40	82	127
40	0	72	112



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.