

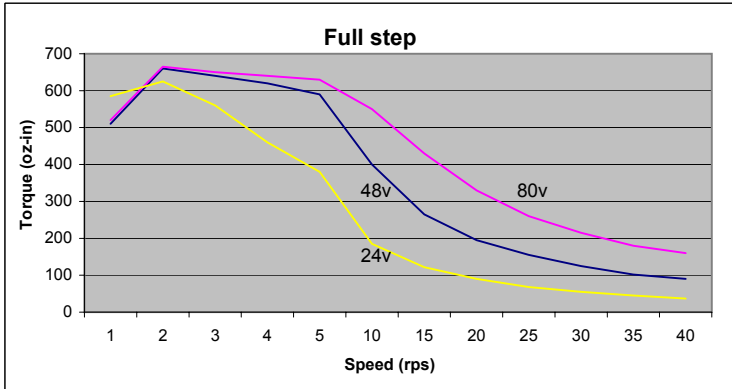


Motor/ Drive torque speed test data

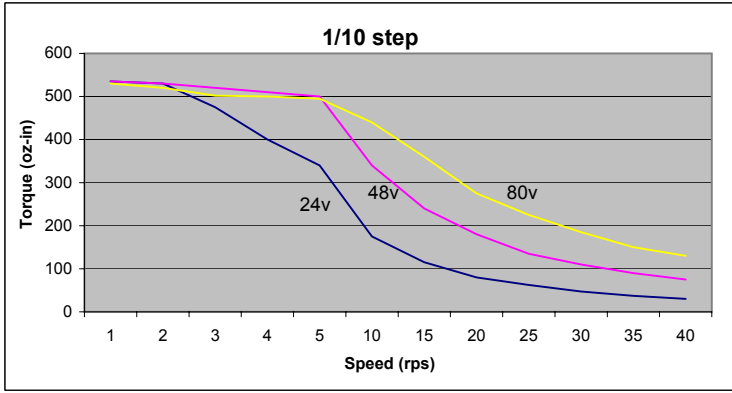
Drive	7080
Motor	HT34-476
Current	6.3A
Connection	Parallel
Voltages	24v-48v-80v
Resolutions	Full/2000

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

Resolution	Full		
Speed (rps)	Torque (oz-in)		
Voltage	24V	48V	80V
1	585	510	520
2	625	660	665
3	560	640	650
4	460	620	640
5	380	590	630
10	185	400	550
15	122	265	430
20	90	195	330
25	68	155	260
30	55	125	215
35	45	102	180
40	37	90	160



Resolution	2000		
Speed (rps)	Torque (oz-in)		
Voltage	24V	48V	80V
1	535	535	530
2	530	530	520
3	475	520	502
4	400	510	500
5	340	500	495
10	175	340	440
15	115	240	360
20	80	180	275
25	62.5	135	225
30	47	110	185
35	37	90	150
40	30	75	130



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.