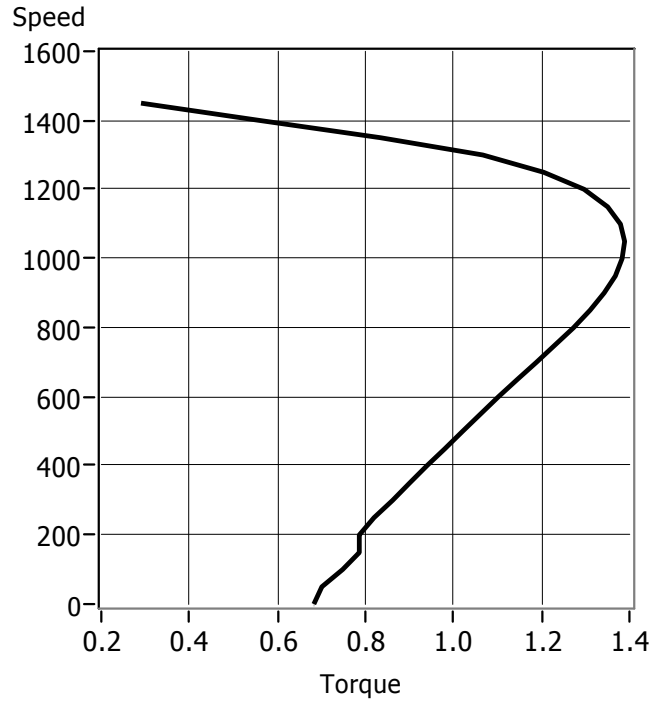


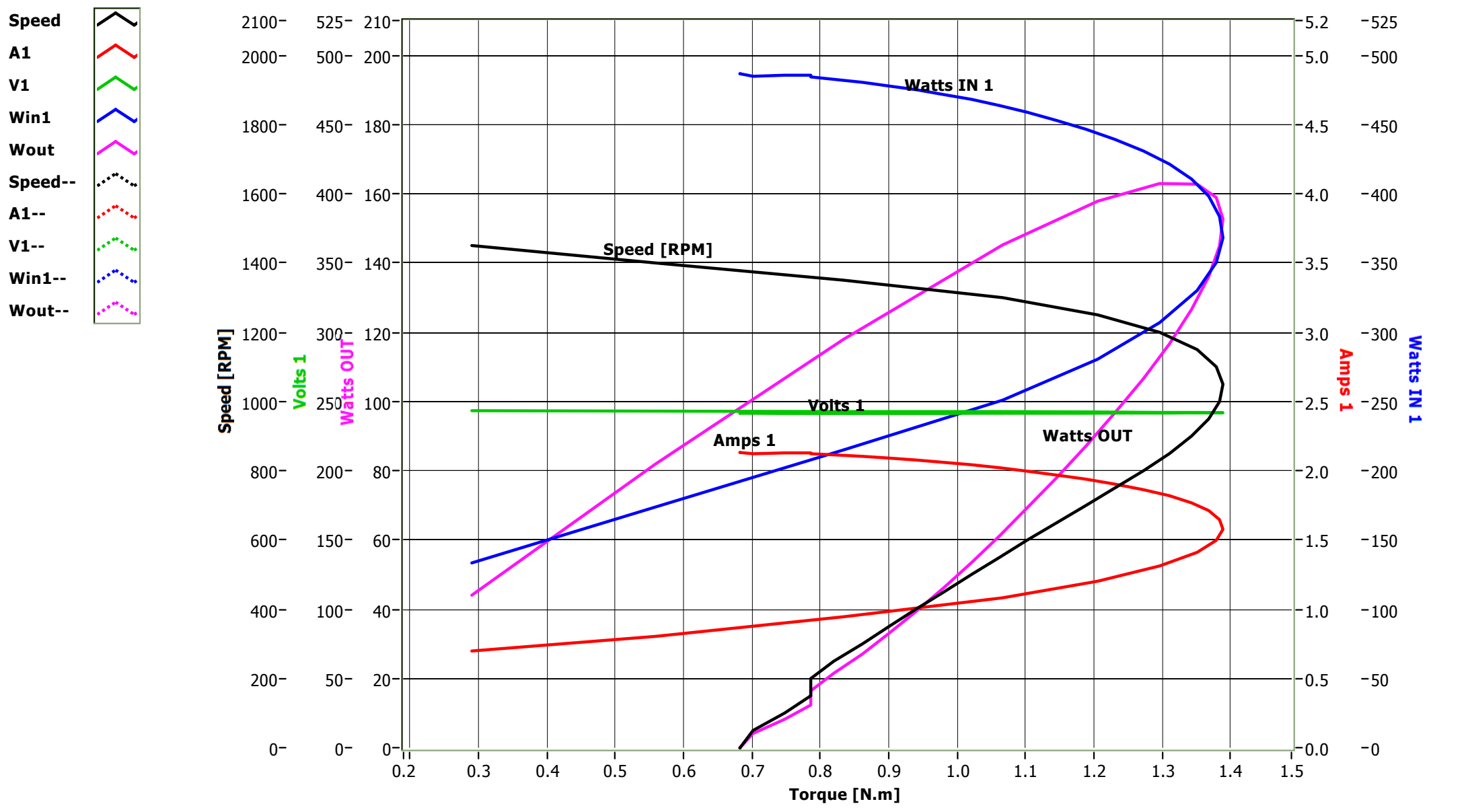
Remco Products Ltd, Motor TestData: 48-4-180/6DS 4 MFD

Test Date: 20/10/2008
 Test Time: 10:03:26
 Maximum Torque: 1.393
 Maximum Speed: 1489.000
 Maximum Input Watts: 486.353
 Maximum Output Watts: 163.522
 Maximum Current: 2.132

High Speed Setting
 Room Temp = 20.8
 Cold Res = 38.62
 Hot Res = 44.75
 Tested at 40 degrees



Time	Volts 1	Amps 1	Watts IN 1	Speed [RPM]	Torque [N.m]	Watts OUT	Efficiency
0.336	243.356	0.699	133.417	1450.000	0.291	44.105	0.314
0.441	243.011	0.805	173.823	1400.000	0.559	81.998	0.458
0.569	242.818	0.946	215.087	1350.000	0.835	117.968	0.545
0.762	242.683	1.084	251.063	1300.000	1.067	145.257	0.578
0.959	242.461	1.202	280.481	1250.000	1.206	157.838	0.562
1.156	242.188	1.313	306.950	1200.000	1.297	162.931	0.531
1.339	242.106	1.411	330.010	1150.000	1.351	162.726	0.494
1.546	241.947	1.499	350.298	1100.000	1.380	158.921	0.454
1.729	241.930	1.577	368.241	1050.000	1.389	152.746	0.415
1.937	241.792	1.647	383.688	1000.000	1.384	144.932	0.378
2.143	241.732	1.712	398.228	950.000	1.368	136.129	0.342
2.331	241.777	1.769	410.714	900.000	1.343	126.588	0.308
2.534	241.628	1.819	421.341	850.000	1.311	116.692	0.277
2.718	241.607	1.863	430.788	800.000	1.273	106.641	0.248
2.930	241.552	1.903	439.243	750.000	1.231	96.694	0.220
3.132	241.492	1.939	446.552	700.000	1.189	87.157	0.195
3.334	241.424	1.970	452.884	650.000	1.146	77.997	0.172
3.528	241.503	1.998	458.856	600.000	1.103	69.289	0.151
3.726	241.452	2.022	463.658	550.000	1.062	61.196	0.132
3.917	241.465	2.043	468.167	500.000	1.021	53.481	0.114
4.125	241.369	2.061	471.539	450.000	0.981	46.228	0.098
4.316	241.383	2.078	475.111	400.000	0.940	39.368	0.083
4.519	241.303	2.092	477.787	350.000	0.900	33.001	0.069
4.714	241.296	2.104	480.469	300.000	0.862	27.079	0.057
4.911	241.341	2.114	482.559	250.000	0.820	21.466	0.045
5.097	241.340	2.123	484.235	200.000	0.786	16.466	0.034
5.271	241.289	2.129	485.439	150.000	0.786	12.345	0.025
7.526	241.395	2.128	485.579	100.000	0.748	8.229	0.017
10.226	241.436	2.123	484.694	50.000	0.702	4.115	0.009
10.001	241.439	2.133	486.716	0.000	0.683	0.000	0.000



Current Data: C:\Documents and Settings\magtrolbench\Desktop\48-4-180 (6DS)\48-4-180 (6Speed DS) 4MFD High Speed.mdf

Comments

48-4-180/6DS High speed setting, using 4MFD cap