



	R P M	Power	Torque	Efficiency	Current	Voltage	Time	
MaxPow	20.113	222.7 W	105.7 Nmm	69.9 %	65.8 A	4.8 V	0.68 s	Motor 1: Simulation: 7.5 Volt
MaxEff	37.463	61.0 W	15.6 Nmm	85.4 %	10.2 A	7.0 V	3.78 s	Torque: 196.1 Nmm
MaxRpm	37.959	36.4 W	9.2 Nmm	60.1 %	8.6 A	7.0 V	4.93 s	EMF: 174.5 mV/kRpm
Average		146.8 W		57.7 %				Friction: 6.55 Nmm
40-80 A		211.0 W		71.7 %				Reedy 12x1 Pt Euro
								30.11.2003 22:30:56
MaxPow	16.371	208.7 W	121.7 Nmm	67.5 %	63.6 A	4.9 V	0.49 s	Motor 2: Simulation: 7.5 Volt
MaxEff	27.087	141.1 W	49.8 Nmm	79.4 %	28.2 A	6.3 V	1.23 s	Torque: 242.9 Nmm
MaxRpm	34.733	22.5 W	6.2 Nmm	38.7 %	8.2 A	7.1 V	5.47 s	EMF: 190.1 mV/kRpm
Average		139.7 W		56.9 %				Friction: 7.34 Nmm
40-80 A		199.8 W		68.4 %				Peak 12x1 Vantaha HS
								01.12.2003 13:53:59

Torque	R P M		Power [W]		Efficiency [%]		Current [A]		Voltage [V]		Time [s]	
Step	M1	M2	M1	M2	M1	M2	M1	M2	M1	M2	M1	M2
20.0	35371	32025	74.1	67.1	68.4	64.5	15.9	15.3	6.8	6.8	2.5	2.2
40.0	31382	28416	131.5	119.0	76.7	75.7	27.0	24.4	6.3	6.4	1.6	1.4
60.0	27743	25153	174.3	158.0	78.4	77.7	37.6	33.5	5.9	6.1	1.2	1.0
80.0	24355	22092	204.0	185.1	75.7	75.5	49.4	43.0	5.4	5.7	0.9	0.8
100.0	20993	19312	219.8	202.2	71.5	72.3	62.2	52.3	4.9	5.3	0.7	0.6
120.0	17276	16538	217.1	207.8	64.8	67.8	75.7	62.6	4.4	4.9	0.5	0.5
140.0	13193	13860	193.4	203.2	55.4	61.4	93.7	73.4	3.7	4.5	0.4	0.4
160.0	8262	11061	138.4	185.3	41.9	54.3	114.2	84.6	2.9	4.0	0.2	0.3
180.0	3180	8386	59.9	158.1	21.5	45.6	136.3	98.1	2.0	3.5	0.1	0.2
200.0	0	5591	0.0	117.0	0.0	34.9	0.0	109.8	0.0	3.0	0.0	0.1

Current	R P M		Power [W]		Efficiency [%]		Torque [Nmm]		Voltage [V]		Time [s]	
Step	M1	M2	M1	M2	M1	M2	M1	M2	M1	M2	M1	M2
20.0	33971	30088	97.6	95.8	73.6	72.2	27.4	30.4	6.6	6.6	2.1	1.7
30.0	30350	26456	146.8	144.7	78.4	77.3	46.2	52.2	6.2	6.2	1.5	1.2
40.0	27125	23003	181.1	178.3	77.7	76.6	63.8	74.0	5.8	5.8	1.1	0.9
50.0	24184	20054	206.2	197.9	76.2	72.7	81.4	94.2	5.4	5.4	0.9	0.7
60.0	21566	17274	217.9	207.3	72.1	68.7	96.5	114.6	5.0	5.0	0.8	0.5
70.0	18930	14765	220.8	205.9	67.6	63.2	111.4	133.1	4.7	4.6	0.6	0.4
80.0	16282	12211	213.4	194.6	62.4	56.7	125.2	152.2	4.3	4.3	0.5	0.3
90.0	13872	10072	198.6	176.6	58.1	50.9	136.7	167.4	3.8	3.8	0.4	0.3
100.0	11651	7614	179.0	148.2	51.8	43.3	146.7	185.9	3.4	3.4	0.3	0.2
110.0	9262	5563	151.3	116.6	45.5	34.8	156.0	200.2	3.0	3.0	0.2	0.1