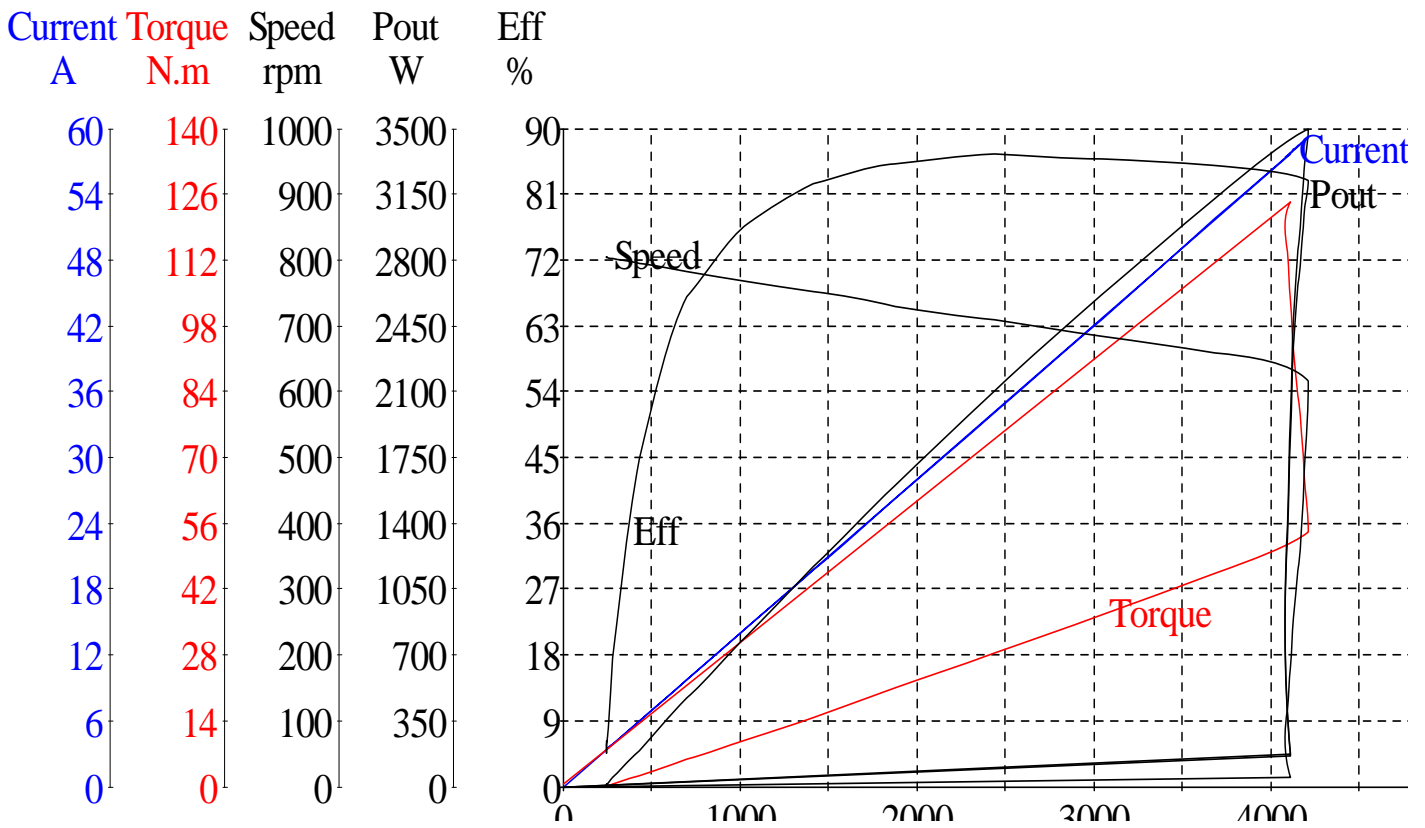


Crystalyte 5403 Motor 72V 50A Test



State	Voltage	Current	Pin	Torque	Speed	Pout	Eff	Time
	V	A	W	N.m	rpm	W	%	S
No_Load	72.34	3.413	246.9	0.2	803.6	15.48	6.3	0.000
Eff_max	71.64	34.02	2437	28.4	708.1	2105	86.4	97.00
Pout_max	71.15	59.24	4215	54.2	615.8	3492	82.8	133.0
Torque_max	71.23	57.73	4112	124.3	13.4	174.3	4.2	217.0

Number	Voltage	Current	Pin	Torque	Speed	Pout	Eff	Time
	V	A	W	N.m	rpm	W	%	S
1	72.34	3.413	246.9	0.2	803.6	15.48	6.3	0.000
2	72.34	3.420	247.4	0.1	803.3	8.074	3.3	5.000
3	72.34	3.417	247.2	0.1	804.1	12.12	4.9	9.000
4	72.34	3.424	247.7	0.2	803.8	14.14	5.7	13.00
5	72.34	3.498	253.1	0.2	803.5	16.83	6.6	17.00
6	72.34	3.647	263.8	0.3	803.3	27.59	10.5	21.00
7	72.33	3.927	284.0	0.6	802.2	49.72	17.5	25.00
8	72.32	4.309	311.6	0.9	800.8	73.78	23.7	29.00
9	72.30	4.938	357.0	1.5	798.7	124.4	34.9	33.00
10	72.27	5.934	428.9	2.3	795.7	191.9	44.8	37.00
11	72.23	7.130	515.0	3.3	791.5	275.1	53.4	41.00
12	72.21	8.298	599.2	4.5	787.6	373.4	62.3	45.00

13	72.16	9.727	701.9	5.7	782.5	470.6	67.0	49.00
14	72.11	11.19	807.0	6.9	777.8	564.2	69.9	53.00
15	72.07	12.88	928.5	8.6	772.4	696.8	75.0	57.00
16	72.02	14.51	1045	10.0	767.8	803.2	76.9	61.00
17	71.98	16.23	1168	11.6	762.5	924.2	79.1	65.00
18	71.94	17.77	1278	13.0	757.9	1035	80.9	69.00
19	71.89	19.71	1417	14.8	751.8	1167	82.3	73.00
20	71.85	21.76	1564	16.7	746.1	1304	83.4	77.00
21	71.80	24.08	1729	18.9	739.6	1466	84.8	81.00
22	71.76	26.22	1881	21.0	729.0	1600	85.1	85.00
23	71.72	28.76	2064	23.4	721.9	1766	85.6	89.00
24	71.68	31.20	2236	25.7	715.2	1927	86.2	93.00
25	71.64	34.02	2437	28.4	708.1	2105	86.4	97.00
26	71.59	36.66	2624	30.9	700.9	2266	86.3	101.0
27	71.54	39.76	2844	33.8	691.1	2443	85.9	105.0
28	71.49	42.57	3044	36.5	683.7	2612	85.8	109.0
29	71.43	45.61	3259	39.4	675.5	2785	85.5	113.0
30	71.38	48.50	3462	42.2	668.0	2952	85.3	117.0
31	71.32	51.71	3688	45.3	659.9	3128	84.8	121.0
32	71.25	54.65	3894	48.1	652.4	3289	84.4	125.0
33	71.16	57.87	4118	51.3	643.9	3458	84.0	129.0
34	71.15	59.24	4215	54.2	615.8	3492	82.8	133.0
35	71.16	59.22	4214	57.2	576.4	3454	82.0	137.0
36	71.14	59.07	4203	60.1	540.2	3398	80.9	141.0
37	71.14	58.96	4194	63.2	504.2	3339	79.6	145.0
38	71.16	58.89	4191	66.3	473.6	3289	78.5	149.0
39	71.16	58.88	4190	69.5	442.2	3218	76.8	153.0
40	71.15	58.73	4179	72.7	413.1	3143	75.2	157.0
41	71.17	58.65	4174	76.1	383.2	3054	73.2	161.0
42	71.15	58.61	4171	79.3	357.1	2966	71.1	165.0
43	71.14	58.41	4155	82.9	328.7	2852	68.6	169.0
44	71.16	58.22	4143	86.1	303.7	2739	66.1	173.0
45	71.14	58.12	4135	89.5	278.9	2614	63.2	177.0
46	71.15	58.06	4131	92.8	255.9	2485	60.2	181.0
47	71.16	57.98	4126	96.3	231.4	2333	56.5	185.0
48	71.16	57.86	4118	99.6	208.0	2170	52.7	189.0
49	71.17	57.79	4113	103.2	183.2	1980	48.2	193.0
50	71.17	57.66	4104	106.6	159.6	1781	43.4	197.0
51	71.17	57.70	4107	110.3	139.9	1616	39.4	201.0
52	71.18	57.58	4099	113.9	116.5	1389	33.9	205.0
53	71.18	57.33	4081	117.9	88.3	1090	26.7	209.0
54	71.20	57.14	4068	121.6	48.1	612.1	15.0	213.0
55	71.23	57.73	4112	124.3	13.4	174.3	4.2	217.0