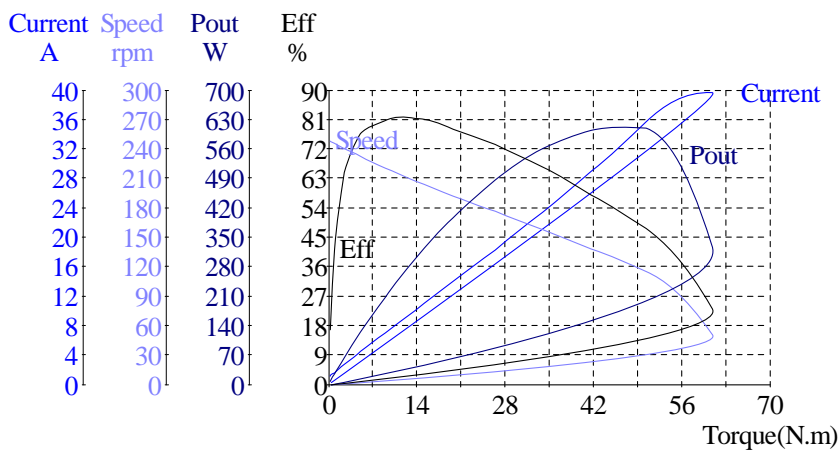


CRYSTALYTE

Motor testing Report

Product: Crystalyte Motor Number: ky-1
 Model: SAW406 Voltage: 36v
 Manufacturer: Crystalyte Power rated:
 Number: Rotate speed:
 Tester: Test Date: 2013.12.10



State	Voltage	Current	Pin	Torque	Speed	Pout	Eff	Time
	V	A	W	N.m	rpm	W	%	S
No_Load	36.65	1.165	42.69	0.3	247.7	7.054	16.5	0.000
Eff_max	36.41	8.993	327.4	12.1	211.7	267.9	81.8	43.00
Pout_max	35.99	31.04	1117	44.8	130.9	613.4	54.9	85.00
Torque_max	35.85	39.47	1415	64.6	26.8	181.2	12.8	103.0

CRYSTALYTE

Motor testing Report

Product: Crystalyte Motor Number: ky-1
Model: SAW406 Voltage: 36v
Manufacturer: Crystalyte Power rated:
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Tester: Test Date: 2013.12.10

Number	Voltage	Current	Pin	Torque	Speed	Pout	Eff	Time
	V	A	W	N.m	rpm	W	%	S
1	36.65	1.165	42.69	0.3	247.7	7.054	16.5	0.000
2	36.64	1.210	44.33	0.2	247.4	6.424	14.5	4.000
3	36.64	1.365	50.03	0.5	246.6	13.22	26.4	7.000
4	36.63	1.577	57.79	0.9	245.6	23.66	40.9	10.00
5	36.63	1.873	68.61	1.3	244.1	34.14	49.8	13.00
6	36.61	2.222	81.36	1.8	242.3	45.46	55.9	16.00
7	36.60	2.661	97.38	2.5	240.2	63.17	64.9	19.00
8	36.58	3.161	115.7	3.2	237.8	80.27	69.4	22.00
9	36.57	3.802	139.0	4.2	235.2	102.8	74.0	25.00
10	36.54	4.431	161.9	5.1	232.0	124.2	76.7	28.00
11	36.52	5.231	191.0	6.3	228.4	151.1	79.1	31.00
12	36.50	6.068	221.5	7.5	225.0	175.8	79.4	34.00
13	36.47	7.022	256.1	9.0	220.6	206.8	80.7	37.00
14	36.44	7.908	288.2	10.4	216.6	235.9	81.8	40.00
15	36.41	8.993	327.4	12.1	211.7	267.9	81.8	43.00
16	36.38	10.09	367.2	13.8	207.5	298.8	81.4	46.00
17	36.35	11.30	410.8	15.7	202.4	333.1	81.1	49.00
18	36.32	12.56	455.9	17.6	197.6	364.3	79.9	52.00
19	36.29	13.98	507.2	19.7	192.1	395.5	78.0	55.00
20	36.26	15.36	557.1	21.8	186.9	426.7	76.6	58.00
21	36.25	16.81	609.3	24.0	181.3	456.3	74.9	61.00
22	36.23	18.30	662.9	26.4	175.9	486.2	73.3	64.00
23	36.20	20.00	724.0	28.9	169.9	513.3	70.9	67.00
24	36.17	21.56	779.9	31.3	164.3	538.5	69.1	70.00
25	36.14	23.36	844.3	34.0	157.9	561.4	66.5	73.00
26	36.11	25.06	905.0	36.5	151.6	578.8	64.0	76.00
27	36.07	27.03	974.9	39.1	144.9	593.2	60.9	79.00
28	36.03	28.90	1041	41.7	138.2	603.3	57.9	82.00
29	35.99	31.04	1117	44.8	130.9	613.4	54.9	85.00
30	35.95	33.22	1194	47.4	123.3	612.1	51.3	88.00

31	35.90	35.66	1280	50.4	115.3	608.6	47.5	91.00
32	35.86	37.90	1359	53.1	106.9	594.5	43.7	94.00
33	35.83	39.81	1426	56.4	91.8	541.8	38.0	97.00
34	35.83	39.57	1418	60.9	51.6	328.8	23.2	100.0
35	35.85	39.47	1415	64.6	26.8	181.2	12.8	103.0