

Crystalyte

SAW4012 Motor 36V 25A TEST

Descripton	U	I	P1	M	N	P2	EFF
	(V)	(A)	(W)	(N.m)	(rpm)	(W)	(%)
NO-LOAD	36.19	0.287	10.40	0.00	131.7	0.00	0.0
MAX-EFF	36.11	2.416	87.29	5.66	118.0	69.92	80.1
MAX-POUT	35.76	11.52	412.0	29.82	70.4	219.7	53.3
MAX-TORQUE	35.51	18.08	642.3	45.02	34.0	160.2	24.9
END	35.51	18.08	642.3	45.02	34.0	160.2	24.9

No.	U	I	P1	M	N	P2	EFF
	(V)	(A)	(W)	(N.m)	(rpm)	(W)	(%)
1	36.19	0.287	10.40	0.00	131.7	0.00	0.0
2	36.19	0.287	10.39	0.01	131.6	0.13	1.3
3	36.19	0.406	14.71	0.32	131.1	4.39	29.8
4	36.18	0.567	20.53	0.77	129.8	10.46	50.9
5	36.17	0.821	29.72	1.41	128.1	18.91	63.6
6	36.16	1.139	42.21	2.29	126.1	30.23	73.3
7	36.14	1.523	55.06	3.26	123.6	42.18	76.6
8	36.12	1.964	70.97	4.43	120.9	56.07	79.0
9	36.11	2.416	87.29	5.66	118.0	69.92	80.1
10	36.09	2.956	106.7	7.02	115.0	84.52	79.2
11	36.07	3.489	125.8	8.51	111.5	99.34	78.9
12	36.05	4.047	145.9	10.02	108.0	113.3	77.6
13	36.03	4.631	166.8	11.69	104.6	128.0	76.7
14	36.00	5.236	188.5	13.30	101.4	141.2	74.8
15	35.98	5.768	207.5	15.00	98.1	154.0	74.2
16	35.95	6.434	231.3	16.67	94.8	165.4	71.5
17	35.93	7.026	252.5	18.34	91.6	175.8	69.6
18	35.91	7.618	273.6	20.14	88.0	185.5	67.8
19	35.88	8.330	298.9	21.77	85.2	194.1	64.9
20	35.86	8.935	320.4	23.52	82.0	201.9	63.0
21	35.84	9.534	341.7	25.11	78.8	207.1	60.6
22	35.82	10.10	361.8	26.72	76.0	212.6	58.7
23	35.79	10.76	385.3	28.36	73.3	217.6	56.4
24	35.76	11.52	412.0	29.82	70.4	219.7	53.3
25	35.74	12.05	431.0	31.49	66.6	219.5	50.9

26	35.72	12.68	453.0	33.08	62.8	217.5	48.0
27	35.70	13.18	470.8	34.62	59.6	216.0	45.8
28	35.67	13.86	494.5	36.10	56.8	214.6	43.4
29	35.65	14.43	514.8	37.56	53.5	210.3	40.8
30	35.63	14.99	534.4	38.93	50.7	206.6	38.6
31	35.60	15.64	557.0	40.32	47.7	201.3	36.1
32	35.58	16.29	579.9	41.68	45.3	197.6	34.0
33	35.56	16.80	597.5	42.88	43.0	193.0	32.3
34	35.54	17.41	619.0	44.09	38.2	176.3	28.4
35	35.51	18.08	642.3	45.02	34.0	160.2	24.9