

CUTLER MAC(SHANGHAI)BRUSHLESS MOTOR CO.,LTD.

MOTOR PERFORMANCE

Customer: STD

Voltage: 60V

FileName: 60V APPLICATION

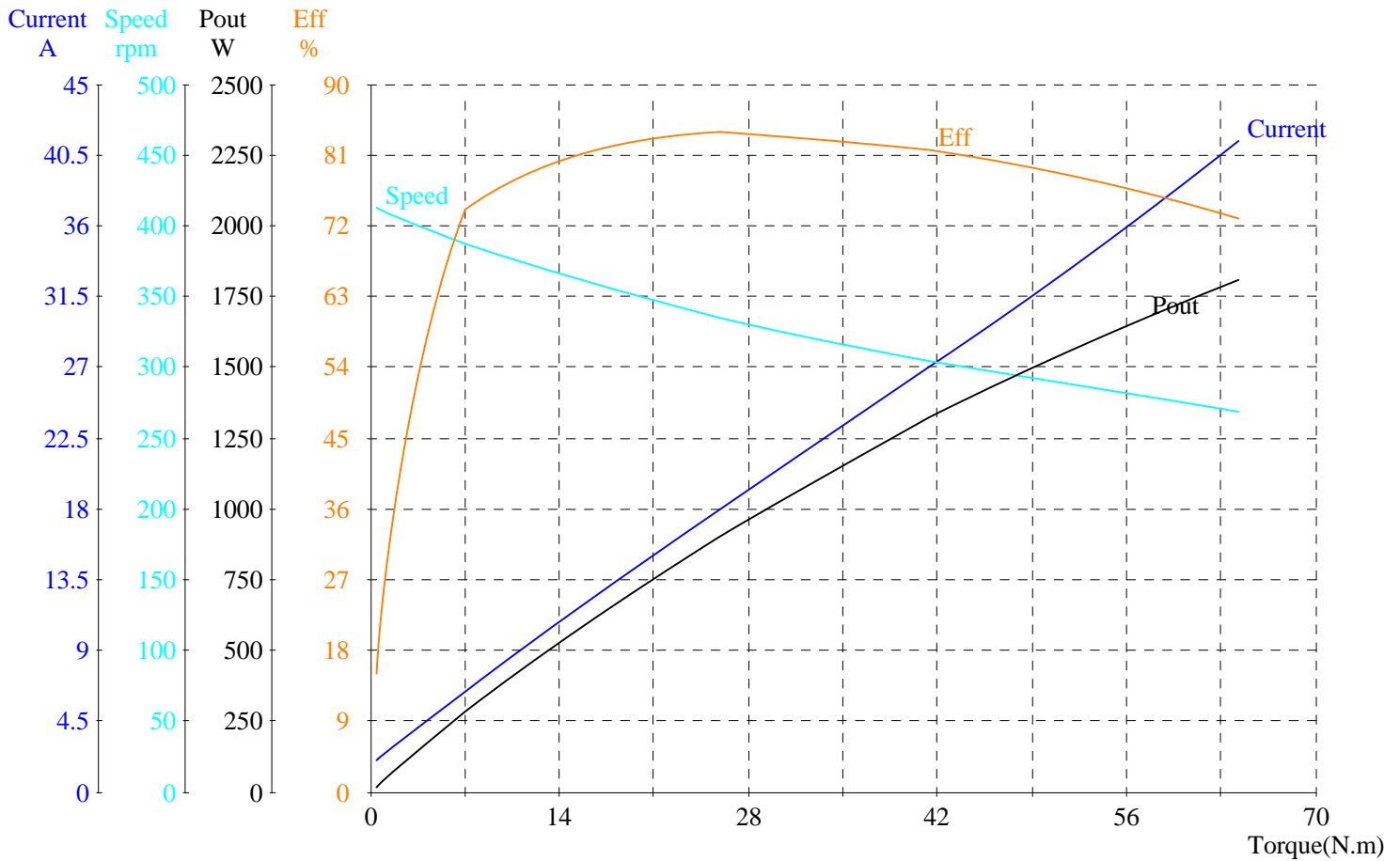
Power rated: 1000W

Motor Type: 12T

Tester: YU

Number: SAMPLE4

Test Data: 2012.08.29



State	Voltage	Current	Pin	Torque	Speed	Pout	Eff	Time
	V	A	W	N. m	rpm	W	%	S
No_Load	60.08	2.034	122.2	0.43	413.0	18.50	15.1	0.000
Rated	60.05	19.96	1198	29.29	327.1	1000	83.5	39.71
Eff_max	60.05	17.96	1078	25.84	334.4	904.7	83.9	37.00
Pout_max	60.03	41.34	2481	64.33	268.8	1811	73.0	67.00
Torque_max	60.03	41.34	2481	64.33	268.8	1811	73.0	67.00
End	60.03	41.34	2481	64.33	268.8	1811	73.0	67.00

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	Voltage	Current	Pin	Torque	Speed	Pout	Eff	Time
Number	V	A	W	N.m	rpm	W	%	S
1	60.08	2.034	122.2	0.43	413.0	18.50	15.1	0.000
2	60.09	2.318	139.3	0.92	410.1	39.33	28.2	7.000
3	60.08	3.809	228.8	3.10	401.2	130.0	56.8	13.00
4	60.08	6.425	386.0	7.05	386.9	285.5	74.0	19.00
5	60.07	9.830	590.5	12.24	370.2	474.6	80.4	25.00
6	60.07	13.72	824.0	18.61	352.2	686.2	83.3	31.00
7	60.05	17.96	1078	25.84	334.4	904.7	83.9	37.00
8	60.05	19.96	1198	29.29	327.1	1000	83.5	39.71
9	60.04	22.39	1344	33.48	318.3	1116	83.0	43.00
10	60.05	27.01	1622	41.47	304.7	1323	81.6	49.00
11	60.04	31.64	1900	49.48	291.8	1512	79.6	55.00
12	60.03	36.51	2191	57.19	279.9	1676	76.5	61.00
13	60.03	41.34	2481	64.33	268.8	1811	73.0	67.00