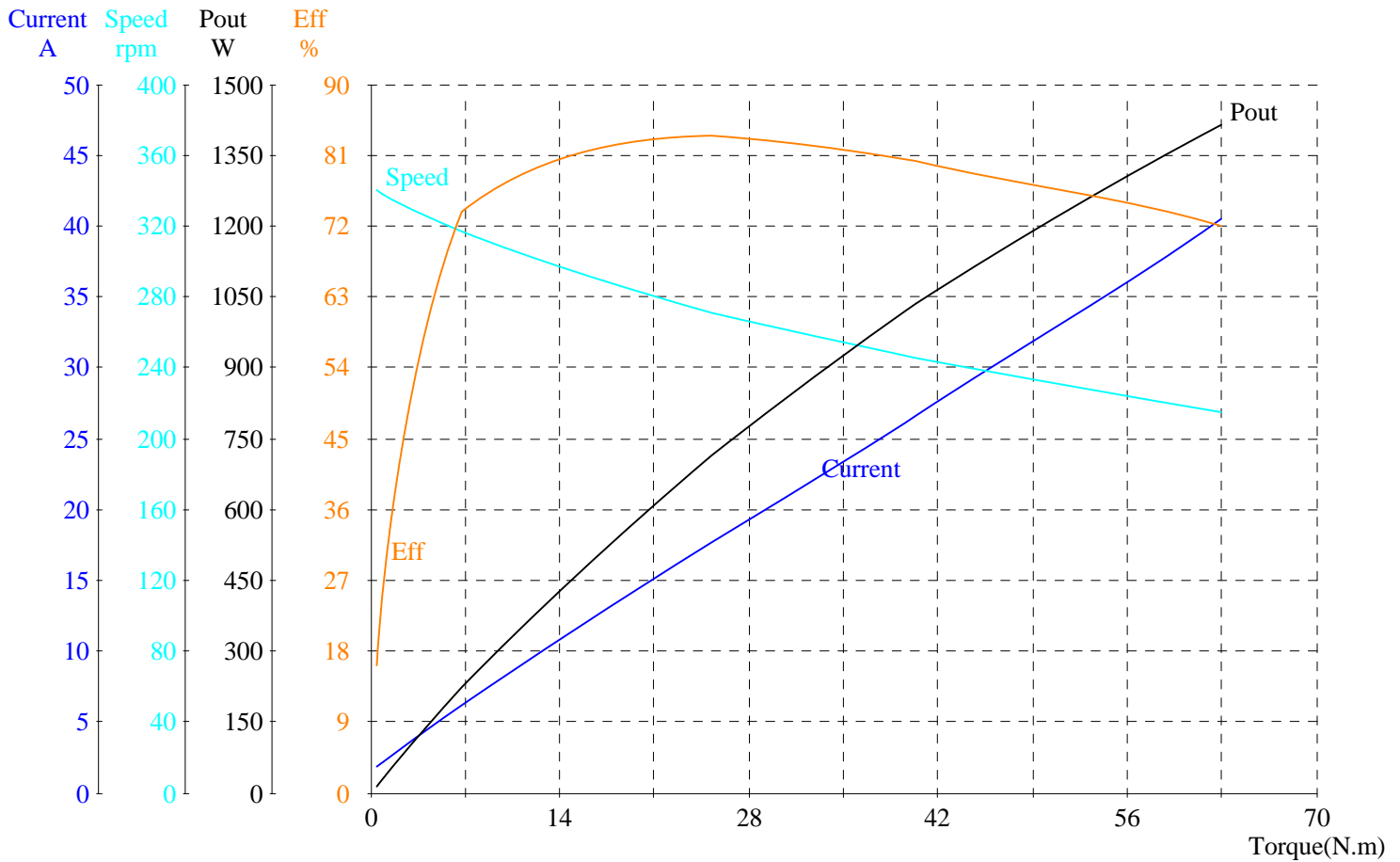


# CUTLER MAC(SHANGHAI) BRUSHLESS MOTOR CO.,LTD.

## MOTOR PERFORMANCE

Customer: STD	Voltage: 48V
FileName: 48V APPLICATION	Power rated: 1000W
Motor Type: 12T	Tester: YU
Number: SAMPLE4	Test Data: 2012.08.29

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State	Voltage	Current	Pin	Torque	Speed	Pout	Eff	Time
	V	A	W	N. m	rpm	W	%	S
No_Load	48.59	1.859	90.32	0.41	339.8	14.68	16.3	0.000
Rated	48.56	25.51	1239	38.56	248.1	1000	80.7	47.59
Eff_max	48.57	17.63	856.5	25.20	271.2	715.5	83.5	37.00
Pout_max	48.55	40.56	1969	63.02	214.5	1415	71.9	67.00
Torque_max	48.55	40.56	1969	63.02	214.5	1415	71.9	67.00
End	48.55	40.56	1969	63.02	214.5	1415	71.9	67.00

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

## MOTOR PERFORMANCE

Customer: STD Voltage: 48V  
FileName: 48V APPLICATION Power rated: 1000W  
Motor Type: 12T Tester: YU  
Number: SAMPLE4 Test Data: 2012.08.29

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	Voltage	Current	Pin	Torque	Speed	Pout	Eff	Time
Number	V	A	W	N.m	rpm	W	%	S
1	48.59	1.859	90.32	0.41	339.8	14.68	16.3	0.000
2	48.59	2.135	103.7	0.85	336.8	30.04	29.0	7.000
3	48.59	3.626	176.2	2.92	329.1	100.8	57.2	13.00
4	48.58	6.181	300.3	6.70	316.6	222.0	73.9	19.00
5	48.58	9.537	463.3	11.84	302.0	374.4	80.8	25.00
6	48.58	13.40	650.8	18.08	286.3	541.8	83.3	31.00
7	48.57	17.63	856.5	25.20	271.2	715.5	83.5	37.00
8	48.57	22.04	1070	32.71	257.9	883.3	82.5	43.00
9	48.56	25.51	1239	38.56	248.1	1000	80.7	47.59
10	48.56	26.58	1291	40.36	245.1	1036	80.2	49.00
11	48.55	31.54	1532	48.19	234.0	1181	77.1	55.00
12	48.55	35.65	1731	55.82	223.8	1308	75.6	61.00
13	48.55	40.56	1969	63.02	214.5	1415	71.9	67.00