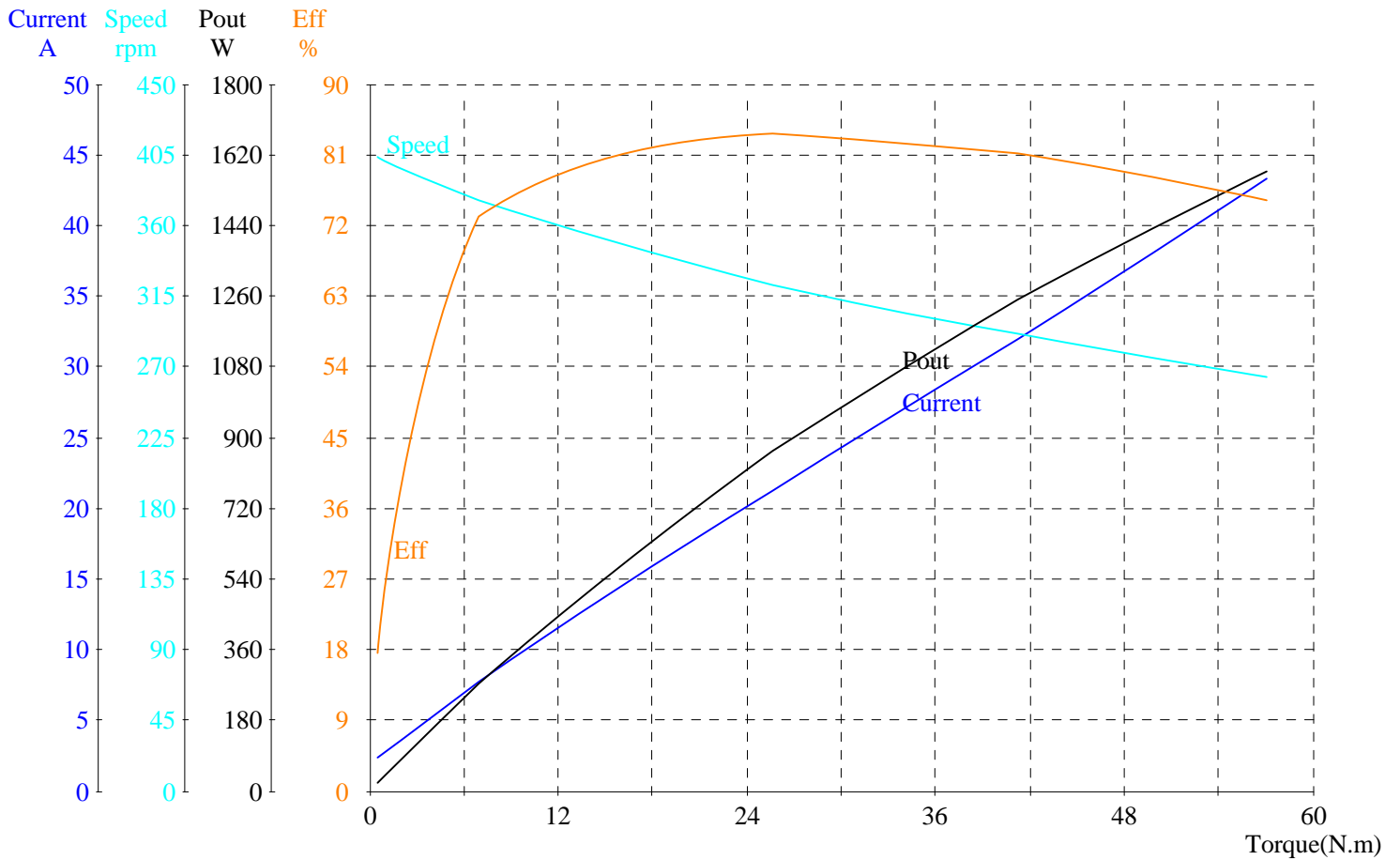


# CUTLER MAC(SHANGHAI) BRUSHLESS MOTOR CO.,LTD.

## MOTOR PERFORMANCE

Customer: STD Voltage: 48V  
 FileName: 48V APPLICATION Power rated: 1000W  
 Motor Type: 10T Tester: YU  
 Number: SAMPLE3 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	48.50	2.392	116.0	0.48	403.3	20.40	17.6	0.000
Rated	48.41	24.91	1205	30.88	310.3	1000	83.0	41.12
Eff_max	48.42	21.28	1030	25.62	322.0	863.7	83.8	37.00
Pout_max	48.38	43.33	2096	57.10	263.7	1576	75.2	61.00
Torque_max	48.38	43.33	2096	57.10	263.7	1576	75.2	61.00
End	48.38	43.33	2096	57.10	263.7	1576	75.2	61.00

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

## MOTOR PERFORMANCE

Customer: STD Voltage: 48V  
FileName: 48V APPLICATION Power rated: 1000W  
Motor Type: 10T Tester: YU  
Number: SAMPLE3 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	48.50	2.392	116.0	0.48	403.3	20.40	17.6	0.000
2	48.50	2.734	132.6	0.92	400.6	38.59	29.1	7.000
3	48.49	4.583	222.2	3.10	391.3	126.8	57.1	13.00
4	48.47	7.728	374.6	6.96	376.5	274.2	73.2	19.00
5	48.45	11.76	569.9	12.18	358.7	457.6	80.3	25.00
6	48.43	16.35	792.1	18.48	339.9	657.7	83.0	31.00
7	48.42	21.28	1030	25.62	322.0	863.7	83.8	37.00
8	48.41	24.91	1205	30.88	310.3	1000	83.0	41.12
9	48.40	26.56	1285	33.27	305.0	1062	82.6	43.00
10	48.40	31.94	1546	41.21	290.5	1253	81.1	49.00
11	48.38	37.53	1816	49.29	276.6	1427	78.6	55.00
12	48.38	43.33	2096	57.10	263.7	1576	75.2	61.00