

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

MOTOR PERFORMANCE REPORT

Customer: STD

Voltage: 36V

FileName: M12500-3

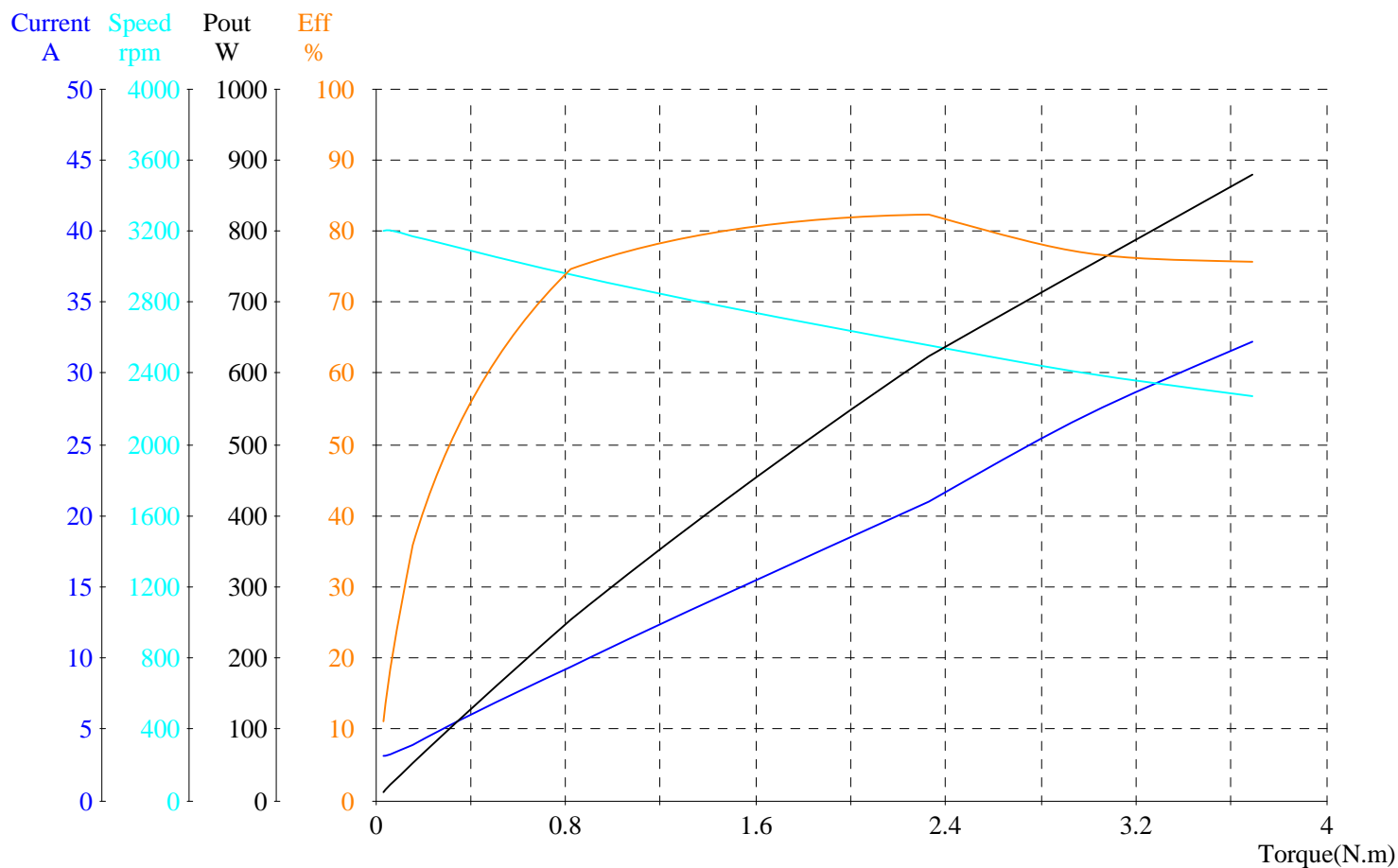
Power rated: 750W

Motor Type: 31838212190A

Tester: YU

Number: #2

Test Data:



State	Voltage	Current	Pin	Torque	Speed	Pout	Eff	Time
	V	A	W	N. m	rpm	W	%	S
No_Load	36.15	3.170	114.6	0.061	3205	20.47	17.9	3.062
Rated	36.05	27.29	984.1	2.992	2396	750.0	76.2	21.08
Eff_max	36.08	21.03	758.7	2.332	2559	624.5	82.3	19.06
Pout_max	36.04	32.25	1162	3.691	2275	879.2	75.6	23.06
Torque_max	36.04	32.25	1162	3.691	2275	879.2	75.6	23.06
End	36.04	32.25	1162	3.691	2275	879.2	75.6	23.06

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Test Data:

	Voltage	Current	Pin	Torque	Speed	Pout	Eff	Time
Number	V	A	W	N.m	rpm	W	%	S
1	36.15	3.147	113.8	0.038	3202	12.74	11.2	0.000
2	36.15	3.170	114.6	0.061	3205	20.47	17.9	3.062
3	36.15	3.329	120.3	0.081	3199	27.13	22.5	5.062
4	36.15	3.945	142.6	0.155	3172	51.14	35.9	7.062
5	36.14	5.108	184.6	0.291	3130	95.04	51.5	9.062
6	36.13	6.972	251.9	0.507	3051	162.0	64.3	11.06
7	36.12	9.413	340.0	0.820	2951	253.4	74.5	13.06
8	36.11	12.66	457.2	1.225	2834	363.5	79.5	15.06
9	36.10	16.57	598.1	1.738	2694	489.9	81.9	17.06
10	36.08	21.03	758.7	2.332	2559	624.5	82.3	19.06
11	36.05	27.23	981.9	2.983	2397	748.4	76.2	21.06
12	36.05	27.29	984.1	2.992	2396	750.0	76.2	21.08
13	36.04	32.25	1162	3.691	2275	879.2	75.6	23.06