

电机测试报告

客户名称(Customer):

额定电压(Voltage):

产品名称(ProductName): M3

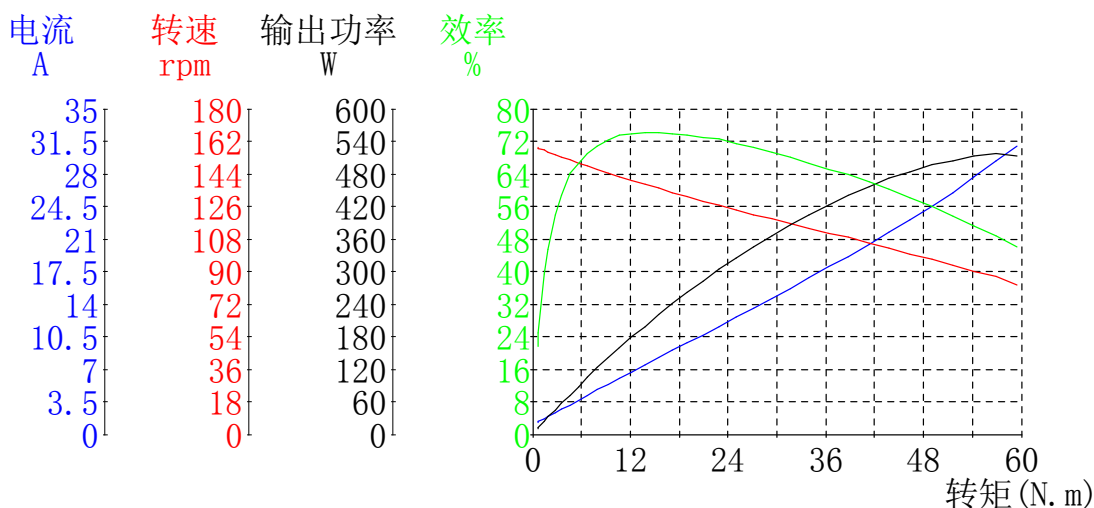
额定功率(Power rated):

电机型号(Type): 36V

测试人员(Tester):

电机编号(Number): 201911190003

测试日期(Test Date): 2019.11.19



特征点	电压	电流	输入功率	转矩	转速	输出功率	效率	时间
	V	A	W	N.m	rpm	W	%	S
不加载点(No_Load)	36.24	1.283	46.49	0.61	158.4	10.08	21.7	0.000
最高效率点(Eff_max)	36.22	7.424	268.9	13.78	138.1	199.2	74.1	33.50
最大输出功率点(Pout_max)	36.21	29.37	1063	56.86	87.0	518.0	48.7	81.00
最大转矩点(Torque_max)	36.04	30.95	1115	59.44	82.5	513.5	46.0	83.50
结束点(End)	36.04	30.95	1115	59.44	82.5	513.5	46.0	83.50

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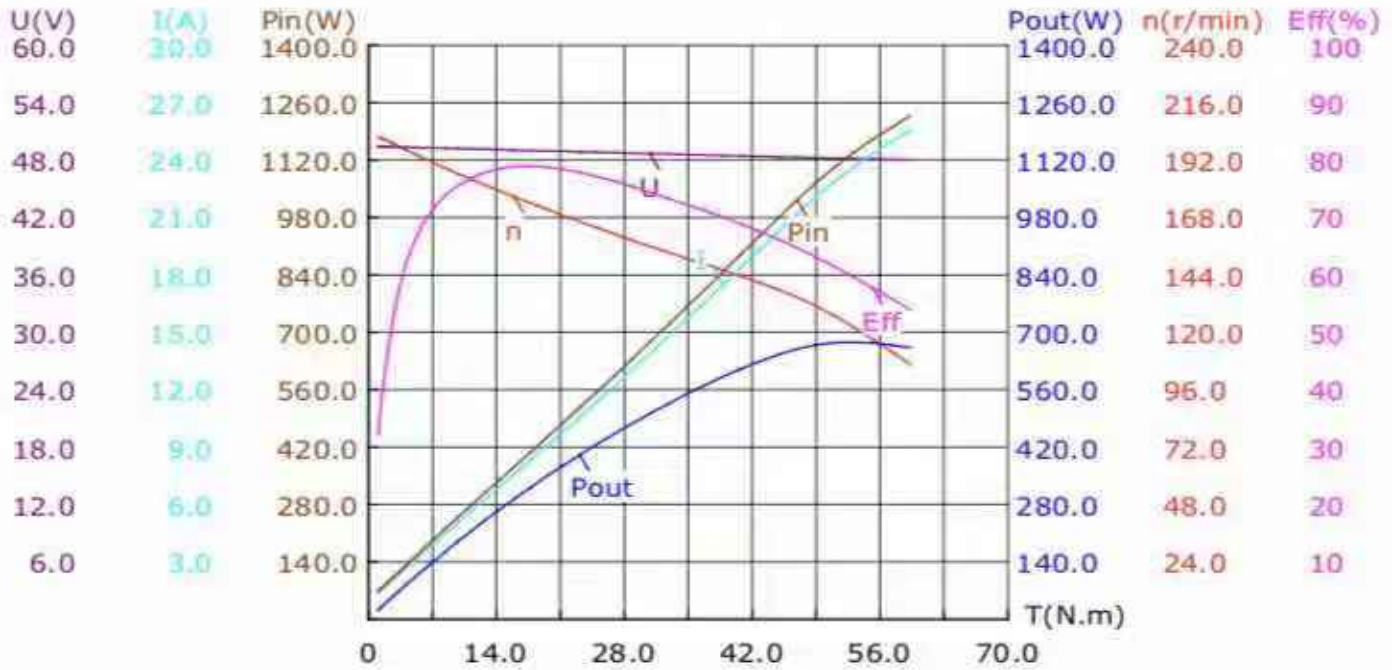
测试日期(Test Date): 2019.11.19

序号	电压	电流	输入功率	转矩	转速	输出功率	效率	时间
	V	A	W	N.m	rpm	W	%	S
1	36.24	1.283	46.49	0.61	158.4	10.08	21.7	0.000
2	36.24	1.337	48.44	0.73	158.2	12.12	25.0	3.500
3	36.24	1.630	59.07	1.42	157.1	23.29	39.4	6.000
4	36.24	1.936	70.16	1.95	156.2	31.92	45.5	8.500
5	36.23	2.274	82.37	2.74	154.8	44.47	54.0	11.00
6	36.23	2.690	97.46	3.56	153.4	57.18	58.7	13.50
7	36.20	3.106	112.4	4.54	151.7	72.05	64.1	16.00
8	36.22	3.658	132.5	5.61	150.0	88.14	66.5	18.50
9	36.23	4.190	151.8	6.75	148.3	104.8	69.1	21.00
10	36.22	4.764	172.6	7.98	146.4	122.3	70.9	23.50
11	36.20	5.356	193.9	9.29	144.4	140.5	72.4	26.00
12	36.22	6.001	217.4	10.70	142.4	159.5	73.4	28.50
13	36.22	6.705	242.8	12.18	140.5	179.2	73.8	31.00
14	36.22	7.424	268.9	13.78	138.1	199.2	74.1	33.50
15	36.21	8.192	296.7	15.42	136.1	219.7	74.0	36.00
16	36.21	9.000	325.9	17.18	133.8	240.7	73.9	38.50
17	36.21	9.804	355.0	19.01	131.3	261.4	73.6	41.00
18	36.19	10.67	386.0	20.92	128.7	281.9	73.0	43.50
19	36.19	11.57	418.8	22.93	126.4	303.4	72.5	46.00
20	36.18	12.55	454.2	24.99	124.0	324.4	71.4	48.50
21	36.16	13.54	489.7	27.13	121.5	345.1	70.5	51.00
22	36.15	14.58	527.2	29.35	119.0	365.7	69.4	53.50
23	36.15	15.66	565.9	31.63	116.4	385.5	68.1	56.00
24	36.14	16.79	606.8	33.94	113.9	404.7	66.7	58.50
25	36.14	17.97	649.5	36.34	111.1	422.7	65.1	61.00
26	36.17	19.13	691.8	38.75	108.7	441.0	63.7	63.50
27	36.15	20.37	736.2	41.31	105.7	457.2	62.1	66.00
28	36.10	21.73	784.6	43.78	102.8	471.2	60.1	68.50
29	36.11	23.08	833.4	46.37	99.6	483.5	58.0	71.00
30	36.12	24.53	886.1	49.01	96.7	496.2	56.0	73.50
31	36.22	26.01	942.1	51.57	93.5	504.9	53.6	76.00
32	36.22	27.62	1001	54.17	90.3	512.1	51.2	78.50
33	36.21	29.37	1063	56.86	87.0	518.0	48.7	81.00
34	36.04	30.95	1115	59.44	82.5	513.5	46.0	83.50

型号: **CXZ-M3**

额定电压: **48.0(V)**

特征说明: **No Feature!**



项目 (Description)	T(N.m)	n(r/min)	Pout(W)	U(V)	I(A)	Pin(W)	Eff(%)
不加载点 (No_Load)	1.04	201.6	21.96	49.43	1.379	68.18	32.2
最高效率点 (Max_Eff)	17.69	174.1	321.02	49.01	8.300	406.71	79.0
最大输出功率点 (Max_Pout)	53.13	122.2	676.20	48.14	23.642	1138.17	59.6
最大转矩点 (Max_Torque)	59.33	106.6	662.33	48.03	25.573	1228.50	53.9
结束 (End)	59.33	106.6	662.33	48.03	25.573	1228.50	53.9
额定点 (Rated)	0.00	0.0	0.00	0.00	0.000	0.00	0.0

T(N.m)	n(r/min)	Pout(W)	U(V)	I(A)	Pin(W)	Eff(%)
1.04	201.6	21.96	49.43	1.379	68.18	32.2
1.11	201.6	23.44	49.43	1.413	69.86	33.4
1.23	201.5	25.87	49.43	1.465	72.41	35.2
1.43	201.2	30.00	49.42	1.549	76.55	38.2
1.73	200.7	36.27	49.41	1.674	82.75	42.4
2.15	199.9	44.84	49.40	1.847	91.27	47.3
2.68	199.0	55.57	49.39	2.070	102.22	52.5
3.33	197.7	68.69	49.37	2.343	115.58	57.4
4.10	196.3	83.87	49.35	2.669	131.59	61.9
4.99	194.6	101.18	49.33	3.048	150.33	65.8
6.01	192.8	120.50	49.30	3.481	171.58	69.0
7.15	190.8	142.03	49.27	3.966	195.38	71.7
8.42	188.6	165.23	49.24	4.498	221.45	73.9
9.79	186.4	189.80	49.20	5.069	249.37	75.5
11.24	184.0	215.28	49.17	5.668	278.62	76.9
12.76	181.6	241.27	49.13	6.288	308.90	77.8
14.34	179.1	267.58	49.09	6.931	340.18	78.5
15.98	176.6	294.17	49.05	7.600	372.71	78.9
17.69	174.1	321.02	49.01	8.300	406.71	79.0
19.46	171.5	347.98	48.96	9.032	442.18	78.8
21.28	168.9	374.79	48.92	9.791	478.86	78.4
23.14	166.3	401.23	48.87	10.569	516.47	77.8
25.02	163.7	427.18	48.82	11.367	554.92	77.1
26.94	161.1	452.64	48.78	12.190	594.48	76.3
28.89	158.5	477.66	48.73	13.040	635.33	75.4
30.87	155.9	502.18	48.68	13.915	677.26	74.4
32.86	153.4	525.99	48.63	14.799	719.57	73.3
34.84	150.9	548.88	48.58	15.682	761.78	72.2
36.82	148.4	570.71	48.53	16.566	803.92	71.2
38.81	146.0	591.50	48.48	17.465	846.68	70.1
40.81	143.4	611.19	48.43	18.386	890.38	68.9
42.83	140.8	629.52	48.38	19.325	934.87	67.6
44.87	137.9	645.88	48.33	20.264	979.30	66.2
46.92	134.7	659.39	48.28	21.184	1022.70	64.7
48.98	131.0	669.22	48.23	22.063	1064.98	63.1
51.05	126.8	674.83	48.18	22.886	1102.72	61.4
53.13	122.2	676.20	48.14	23.642	1138.17	59.6
55.21	117.1	673.85	48.10	24.332	1170.51	57.7
57.28	111.9	668.81	48.07	24.968	1200.24	55.8
59.33	106.6	662.33	48.03	25.573	1228.50	53.9
59.33	106.6	662.33	48.03	25.573	1228.50	53.9