

电机试验记录表

生产厂家:GoldenMotor.com

型号:MagicPie

编号:F0001150001

日期:2009年11月21日 操作者:

说明	转矩(N.m)	转速(r/min)	输出功率(W)	电压(V)	电流(A)	输入功率(W)	效率(%)
转矩Max	22.63	130	308.88	23.86	19.18	457.53	67.5
转速Max	0.00	178	0.00	24.07	0.94	22.65	0.0
输出功率Max	22.63	130	308.88	23.86	19.18	457.53	67.5
电压Max	0.00	178	0.00	24.07	0.94	22.65	0.0
电流Max	22.63	130	308.88	23.86	19.18	457.53	67.5
输入功率Max	22.63	130	308.88	23.86	19.18	457.53	67.5
效率Max	8.94	159	148.78	23.99	8.14	195.38	76.1
1	0.00	178	0.00	24.07	0.94	22.65	0.0
2	0.13	177	2.43	24.07	1.05	25.19	9.7
3	0.26	177	4.86	24.07	1.15	27.73	17.5
4	0.39	177	7.27	24.07	1.26	30.27	24.0
5	0.52	176	9.68	24.07	1.36	32.81	29.5
6	0.66	176	12.09	24.07	1.47	35.35	34.2
7	0.79	176	14.48	24.07	1.57	37.89	38.2
8	0.92	176	16.87	24.06	1.68	40.43	41.7
9	1.05	175	19.25	24.06	1.79	42.96	44.8
10	1.18	175	21.62	24.06	1.89	45.50	47.5
11	1.31	175	23.99	24.06	2.00	48.04	49.9
12	1.22	175	22.36	24.06	1.92	46.30	48.3
13	1.17	175	21.46	24.06	1.88	45.33	47.3
14	1.09	175	20.01	24.06	1.82	43.78	45.7
15	1.01	175	18.56	24.06	1.75	42.23	44.0
16	0.92	176	16.92	24.06	1.68	40.48	41.8
17	0.84	176	15.47	24.07	1.62	38.93	39.7
18	0.81	176	14.92	24.07	1.59	38.35	38.9
19	0.72	176	13.28	24.07	1.52	36.61	36.3
20	0.64	176	11.81	24.07	1.46	35.06	33.7
21	0.53	176	9.79	24.07	1.37	32.93	29.7
22	0.44	177	8.14	24.07	1.30	31.18	26.1
23	0.31	177	5.74	24.07	1.19	28.66	20.0
24	0.18	177	3.34	24.07	1.09	26.14	12.8
25	0.10	177	1.86	24.07	1.02	24.59	7.6
26	0.00	178	0.00	24.07	0.94	22.65	0.0
27	0.09	177	1.67	24.07	1.01	24.40	6.9
28	0.28	177	5.19	24.07	1.17	28.08	18.5
29	0.39	177	7.22	24.07	1.26	30.21	23.9
30	0.55	176	10.16	24.07	1.38	33.31	30.5
31	0.65	176	12.00	24.07	1.46	35.25	34.0
32	0.86	176	15.83	24.07	1.63	39.32	40.3
33	1.09	175	20.01	24.06	1.82	43.78	45.7
34	1.05	175	19.29	24.06	1.79	43.00	44.8
35	1.21	175	22.18	24.06	1.92	46.10	48.1
36	1.50	174	27.40	24.06	2.15	51.72	53.0
37	1.74	174	31.70	24.06	2.34	56.37	56.2
38	1.65	174	30.09	24.06	2.27	54.62	55.1
39	1.86	174	33.83	24.06	2.44	58.69	57.6
40	2.12	173	38.44	24.05	2.65	63.72	60.3
41	2.22	173	40.21	24.05	2.73	65.66	61.2
42	2.38	173	43.02	24.05	2.86	68.76	62.6

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说明	转矩 (N.m)	转速 (r/min)	输出功率 (W)	电压 (V)	电流 (A)	输入功率 (W)	效率 (%)
43	2.61	172	47.05	24.05	3.04	73.21	64.3
44	2.88	172	51.74	24.05	3.26	78.43	66.0
45	2.98	171	53.48	24.05	3.34	80.36	66.5
46	3.18	171	56.93	24.04	3.50	84.23	67.6
47	3.45	170	61.56	24.04	3.72	89.45	68.8
48	3.58	170	63.77	24.04	3.83	91.97	69.3
49	3.74	170	66.49	24.04	3.95	95.06	69.9
50	4.04	169	71.56	24.04	4.20	100.86	71.0
51	4.41	168	77.76	24.03	4.49	108.01	72.0
52	4.35	168	76.76	24.03	4.45	106.85	71.8
53	4.65	168	81.75	24.03	4.69	112.65	72.6
54	5.08	167	88.83	24.03	5.03	120.95	73.4
55	5.27	167	91.93	24.02	5.19	124.62	73.8
56	5.37	166	93.56	24.02	5.27	126.55	73.9
57	5.70	166	98.90	24.02	5.53	132.92	74.4
58	5.74	166	99.54	24.02	5.57	133.70	74.5
59	6.07	165	104.83	24.02	5.83	140.06	74.8
60	6.36	164	109.43	24.01	6.07	145.66	75.1
61	6.61	164	113.37	24.01	6.27	150.48	75.3
62	6.87	163	117.44	24.01	6.48	155.50	75.5
63	7.31	162	124.26	24.00	6.83	163.98	75.8
64	7.33	162	124.57	24.00	6.85	164.37	75.8
65	7.66	162	129.62	24.00	7.11	170.73	75.9
66	8.12	161	136.59	24.00	7.48	179.59	76.1
67	8.14	161	136.89	24.00	7.50	179.98	76.1
68	8.50	160	142.28	23.99	7.79	186.91	76.1
69	8.59	160	143.61	23.99	7.86	188.64	76.1
70	8.94	159	148.78	23.99	8.14	195.38	76.1
71	9.16	158	152.00	23.99	8.32	199.62	76.1
72	9.56	158	157.80	23.98	8.64	207.32	76.1
73	9.96	157	163.53	23.98	8.97	215.01	76.1
74	10.04	157	164.67	23.98	9.03	216.55	76.0
75	10.43	156	170.18	23.97	9.35	224.05	76.0
76	10.58	155	172.28	23.97	9.47	226.94	75.9
77	10.99	155	177.97	23.97	9.80	234.82	75.8
78	11.46	154	184.41	23.97	10.18	243.85	75.6
79	11.56	153	185.76	23.96	10.26	245.77	75.6
80	12.00	153	191.68	23.96	10.61	254.23	75.4
81	12.13	152	193.41	23.96	10.72	256.72	75.3
82	12.50	151	198.30	23.96	11.01	263.83	75.2
83	12.70	151	200.92	23.95	11.17	267.67	75.1
84	13.29	150	208.54	23.95	11.65	278.99	74.7
85	13.40	150	209.94	23.95	11.74	281.10	74.7
86	13.89	149	216.13	23.94	12.13	290.50	74.4
87	13.95	148	216.88	23.94	12.18	291.65	74.4
88	14.29	148	221.10	23.94	12.46	298.17	74.2
89	14.63	147	225.28	23.94	12.73	304.69	73.9
90	15.10	146	230.96	23.93	13.11	313.69	73.6
91	15.15	146	231.56	23.93	13.15	314.65	73.6

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92	15.42	145	234.78	23.93	13.37	319.82	73.4
93	15.82	145	239.48	23.92	13.69	327.49	73.1
94	16.12	144	242.97	23.92	13.93	333.23	72.9
95	16.46	143	246.87	23.92	14.20	339.74	72.7
96	16.78	143	250.50	23.91	14.46	345.86	72.4
97	17.32	141	256.51	23.91	14.90	356.19	72.0
98	17.37	141	257.06	23.91	14.94	357.15	72.0
99	17.64	141	260.02	23.91	15.16	362.31	71.8
100	18.02	140	264.12	23.90	15.46	369.57	71.5
101	18.34	139	267.53	23.90	15.72	375.69	71.2
102	18.90	138	273.38	23.89	16.17	386.39	70.8
103	19.00	138	274.41	23.89	16.25	388.30	70.7
104	19.29	137	277.38	23.89	16.48	393.84	70.4
105	19.88	136	283.30	23.89	16.96	405.10	69.9
106	20.05	136	284.98	23.88	17.10	408.35	69.8
107	20.48	135	289.16	23.88	17.44	416.55	69.4
108	20.60	135	290.32	23.88	17.54	418.84	69.3
109	21.02	134	294.31	23.87	17.88	426.85	68.9
110	21.30	133	296.92	23.87	18.10	432.19	68.7
111	21.75	132	301.06	23.87	18.47	440.77	68.3
112	22.01	132	303.40	23.87	18.68	445.72	68.1
113	22.43	131	307.14	23.86	19.01	453.72	67.7
114	22.63	130	308.88	23.86	19.18	457.53	67.5