

Dynamic Test

company: GOLDEN MOTOR

Type: HPM96-5000

rated U: 96 V

No. : G20130516004

rated I: 60 A

Operator: 001

rated P. : 5000 W

Date: 2013-5-16

rated N: 3700 RPM

Items NO.	voltage V	current A	P. input W	P. factor PF	frequency Hz	torque mN.m	rotate rpm	P. output W	efficiency %
1	96.61	5.352	517.10	1.000	0.00	484.0	4313	218.59	42.3
2	96.61	5.628	543.72	1.000	0.00	327.5	4311	147.84	27.2
3	96.60	6.683	645.60	1.000	0.00	200.0	4298	90.01	13.9
4	96.58	9.087	877.64	1.000	0.00	940.0	4267	420.00	47.9
5	96.56	13.049	1260.00	1.000	0.00	2085.0	4215	920.24	73.0
6	96.52	18.355	1771.69	1.000	0.00	3430.0	4151	1490.88	84.2
7	96.48	24.735	2386.35	1.000	0.00	4940.0	4079	2109.97	88.4
8	96.42	32.011	3086.53	1.000	0.00	6612.5	4007	2774.48	89.9
9	96.36	40.039	3858.26	1.000	0.00	8452.5	3934	3481.90	90.3
10	96.29	48.813	4700.18	1.000	0.00	10420.0	3867	4219.28	89.8
11	96.23	58.304	5610.84	1.000	0.00	12527.5	3805	4991.32	89.0
12	96.17	68.494	6587.26	1.000	0.00	14682.5	3750	5765.38	87.5
13	96.12	79.251	7617.46	1.000	0.00	16852.5	3687	6506.30	85.4
14	96.11	90.381	8686.24	1.000	0.00	18957.5	3604	7154.22	82.4
15	96.14	101.636	9771.52	1.000	0.00	20927.5	3495	7658.81	78.4
16	96.12	112.915	10853.39	1.000	0.00	22705.0	3389	8057.30	74.2
17	96.11	121.120	11640.24	1.000	0.00	24142.5	3299	8339.91	71.7
18	96.07	123.378	11852.57	1.000	0.00	25020.0	3223	8443.92	71.2
19	96.02	123.290	11838.61	1.000	0.00	25787.5	3157	8524.73	72.0
20	96.02	123.040	11813.69	1.000	0.00	26310.0	3104	8551.44	72.4
21	96.02	123.048	11815.33	1.000	0.00	26650.0	3051	8514.05	72.1
22	96.02	122.993	11810.35	1.000	0.00	26912.5	3006	8471.10	71.7
23	96.03	122.883	11800.71	1.000	0.00	27160.0	2968	8440.93	71.5
24	96.03	122.955	11807.37	1.000	0.00	27357.5	2927	8384.86	71.0
25	96.04	123.138	11825.51	1.000	0.00	27542.5	2888	8329.08	70.4
26	96.03	123.270	11837.31	1.000	0.00	27752.5	2853	8290.88	70.0