

# Dynamic Test

company: GOLDEN MOTOR

Type: HPM96-10000

rated U: 96 V

No. : G20130722001

rated I: 120 A

Operator: 001

rated P. : 10000 W

Date: 2013-7-22

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	95.97	6.494	623.18	1.000	0.00	707.5	4762	352.79	56.6
2	95.97	6.693	642.36	1.000	0.00	576.7	4761	287.49	44.8
3	95.96	7.897	757.80	1.000	0.00	186.7	4750	92.84	12.3
4	95.93	11.112	1066.01	1.000	0.00	803.3	4720	397.04	37.3
5	95.89	16.579	1589.73	1.000	0.00	2190.0	4671	1071.15	67.4
6	95.84	23.932	2293.60	1.000	0.00	3820.0	4606	1842.40	80.3
7	95.78	32.692	3131.10	1.000	0.00	5690.0	4535	2702.01	86.3
8	95.72	42.645	4081.98	1.000	0.00	7793.3	4461	3640.43	89.2
9	95.67	53.442	5112.65	1.000	0.00	10116.7	4385	4645.19	90.9
10	95.61	64.868	6202.06	1.000	0.00	12603.3	4309	5686.68	91.7
11	95.55	76.798	7337.76	1.000	0.00	15220.0	4238	6754.17	92.0
12	95.47	88.994	8496.59	1.000	0.00	17853.3	4172	7799.38	91.8
13	95.40	101.153	9650.03	1.000	0.00	20496.7	4112	8825.37	91.5
14	95.33	112.943	10767.26	1.000	0.00	23043.3	4056	9786.78	90.9
15	95.27	123.787	11793.57	1.000	0.00	25373.3	4010	10654.14	90.3
16	95.34	133.490	12726.49	1.000	0.00	27236.7	3979	11348.14	89.2
17	95.43	140.537	13411.88	1.000	0.00	28580.0	3958	11844.99	88.3
18	95.43	144.947	13832.26	1.000	0.00	29450.0	3941	12153.14	87.9
19	95.42	148.040	14126.47	1.000	0.00	30090.0	3929	12379.44	87.6
20	95.41	150.413	14350.94	1.000	0.00	30593.3	3916	12544.87	87.4
21	95.42	152.503	14551.36	1.000	0.00	30986.7	3904	12667.22	87.0
22	95.41	154.440	14735.12	1.000	0.00	31370.0	3896	12797.65	86.8
23	95.41	156.203	14902.84	1.000	0.00	31720.0	3887	12910.54	86.6
24	95.39	157.737	15047.03	1.000	0.00	32003.3	3873	12978.94	86.3
25	95.40	159.327	15199.23	1.000	0.00	32320.0	3868	13090.45	86.1
26	95.41	161.173	15377.01	1.000	0.00	32646.7	3868	13222.75	86.0