

Dynamic Test

company: GOLDEN MOTOR
 Type: HPM48-5000 rated U: 48 V
 No. : G20130514008 rated I: 120 A
 Operator: 001 rated P. : 5000 W
 Date: 2013-5-14 rated N: 3500 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	47.99	8.177	392.41	1.000	0.00	360.0	4389	165.45	42.2
2	47.98	8.538	409.70	1.000	0.00	242.5	4384	111.32	27.2
3	47.98	9.967	478.17	1.000	0.00	102.5	4369	46.89	9.8
4	47.95	13.222	633.99	1.000	0.00	577.5	4335	262.14	41.4
5	47.91	18.686	895.30	1.000	0.00	1412.5	4279	632.89	70.7
6	47.86	26.320	1259.60	1.000	0.00	2415.0	4204	1063.11	84.4
7	47.80	35.715	1707.06	1.000	0.00	3552.5	4116	1531.11	89.7
8	47.72	46.523	2219.96	1.000	0.00	4812.5	4021	2026.29	91.3
9	47.63	58.475	2785.48	1.000	0.00	6182.5	3923	2539.68	91.2
10	47.55	71.460	3397.57	1.000	0.00	7680.0	3826	3076.83	90.6
11	47.46	85.414	4053.55	1.000	0.00	9262.5	3734	3621.59	89.3
12	47.38	100.283	4751.16	1.000	0.00	10920.0	3647	4170.18	87.8
13	47.40	116.273	5511.32	1.000	0.00	12647.5	3573	4731.89	85.9
14	47.41	132.690	6291.16	1.000	0.00	14387.5	3501	5274.41	83.8
15	47.39	149.915	7104.47	1.000	0.00	16157.5	3429	5801.47	81.7
16	47.37	167.085	7915.23	1.000	0.00	17950.0	3350	6296.60	79.5
17	47.33	174.525	8260.27	1.000	0.00	19495.0	3206	6544.60	79.2
18	47.33	174.870	8277.47	1.000	0.00	20797.5	2994	6520.18	78.8
19	47.34	175.082	8287.97	1.000	0.00	21697.5	2827	6422.91	77.5
20	47.33	175.240	8294.11	1.000	0.00	22292.5	2705	6314.26	76.1
21	47.34	175.500	8309.05	1.000	0.00	22735.0	2625	6249.15	75.2
22	47.39	175.840	8333.50	1.000	0.00	23087.5	2563	6196.15	74.3
23	47.40	175.953	8339.27	1.000	0.00	23382.5	2512	6150.45	73.8
24	47.41	176.173	8352.78	1.000	0.00	23657.5	2466	6108.84	73.1
25	47.42	176.292	8360.23	1.000	0.00	23887.5	2427	6070.68	72.6
26	47.42	176.430	8367.19	1.000	0.00	24122.5	2388	6031.89	72.1