

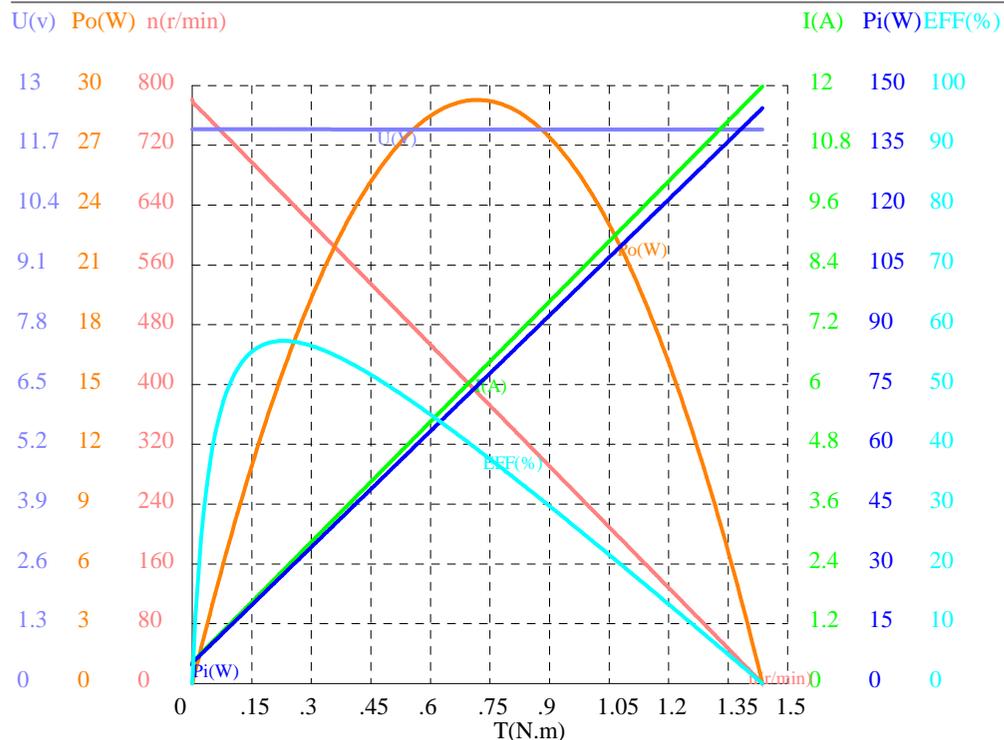
# Test Report

Sample Name:行星齿轮减速电机  
 Sample Model:CHP-42GP-775-5  
 Room Temp:21.6℃ - 21.6℃  
 Report No.:20100101000748

Manufacturer:深圳市驰海电机有限公司  
 Other:  
 Tester:磁粉测功机MPD-50KB/F  
 Test Voltage:12V

Sample No.:  
 Direction:逆时针 (CCW)  
 Tester:黄国强  
 Auditor:郭仕海

**驰海电机®**  
**CHIHAI MOTOR**  
<http://www.chihaimotor.com/>  
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NO.	n(r/min)	T(N.m)	Po(W)	U(V)	I(A)	Pi(W)	EFF
1	781.56	0.0000	0.0000	12.048	0.3857	4.6496	0.00%
2	758.69	0.0365	2.8996	12.048	0.7251	8.7381	33.18%
3	735.81	0.0787	6.0650	12.048	1.0645	12.827	47.28%
4	712.94	0.1209	9.0282	12.048	1.4040	16.915	53.37%
5	690.06	0.1632	11.789	12.048	1.7434	21.003	56.13%
6	667.19	0.2054	14.348	12.048	2.0828	25.092	57.18%
7	644.31	0.2476	16.704	12.048	2.4223	29.180	57.24%
8	621.44	0.2898	18.858	12.047	2.7617	33.269	56.68%
9	598.56	0.3320	20.810	12.047	3.1011	37.357	55.71%
10	575.69	0.3742	22.560	12.047	3.4406	41.446	54.43%
11	552.81	0.4165	24.107	12.047	3.7800	45.534	52.94%
12	529.94	0.4587	25.453	12.047	4.1194	49.623	51.29%
13	507.06	0.5009	26.596	12.047	4.4588	53.711	49.52%
14	484.19	0.5431	27.536	12.047	4.7983	57.800	47.64%
15	461.31	0.5853	28.275	12.047	5.1377	61.888	45.69%
16	438.44	0.6276	28.811	12.046	5.4771	65.976	43.67%
17	415.56	0.6698	29.145	12.046	5.8166	70.065	41.60%
18	392.69	0.7120	29.276	12.046	6.1560	74.153	39.48%
19	369.81	0.7542	29.206	12.046	6.4954	78.242	37.33%
20	346.94	0.7964	28.933	12.046	6.8349	82.330	35.14%
21	324.06	0.8386	28.458	12.046	7.1743	86.419	32.93%
22	301.19	0.8809	27.781	12.046	7.5137	90.507	30.69%
23	278.31	0.9231	26.901	12.046	7.8532	94.596	28.44%
24	255.44	0.9653	25.819	12.046	8.1926	98.684	26.16%
25	232.56	1.0075	24.535	12.045	8.5320	102.77	23.87%
26	209.69	1.0497	23.049	12.045	8.8715	106.86	21.57%
27	186.81	1.0920	21.360	12.045	9.2109	110.95	19.25%
28	163.94	1.1342	19.470	12.045	9.5503	115.04	16.92%
29	141.06	1.1764	17.376	12.045	9.8898	119.13	14.59%
30	118.19	1.2186	15.081	12.045	10.229	123.21	12.24%
31	95.313	1.2608	12.584	12.045	10.569	127.30	9.88%
32	72.438	1.3030	9.8838	12.045	10.908	131.39	7.52%
33	49.563	1.3453	6.9817	12.045	11.248	135.48	5.15%
34	26.688	1.3875	3.8774	12.044	11.587	139.57	2.78%
35	3.8131	1.4297	0.5708	12.044	11.926	143.66	0.40%
36	0.0000	1.4367	0.0000	12.044	11.983	144.34	0.00%

Feature	n(r/min)	T(N.m)	Po(W)	U(V)	I(A)	Pi(W)	EFF
No-Load	781.56	0.0000	0.0000	12.048	0.3857	4.6496	0.00%
Max-EFF	655.75	0.2265	15.551	12.048	2.2525	27.136	57.31%
Max-Po	388.88	0.7190	29.279	12.046	6.2126	74.835	39.12%
Max-T	0.0000	1.4367	0.0000	12.044	11.983	144.34	0.00%
Locked	0.0000	1.4367	0.0000	12.044	11.983	144.34	0.00%
Rating1	724.28	0.1000	7.5841	12.048	1.2356	14.888	50.94%
Rating2	670.10	0.2000	14.033	12.048	2.0396	24.572	57.11%
Rating3	615.92	0.3000	19.348	12.047	2.8436	34.256	56.48%
Rating4	507.55	0.5000	26.573	12.047	4.4516	53.624	49.55%
Rating5	453.37	0.6000	28.484	12.047	5.2556	63.308	44.99%

PS.