

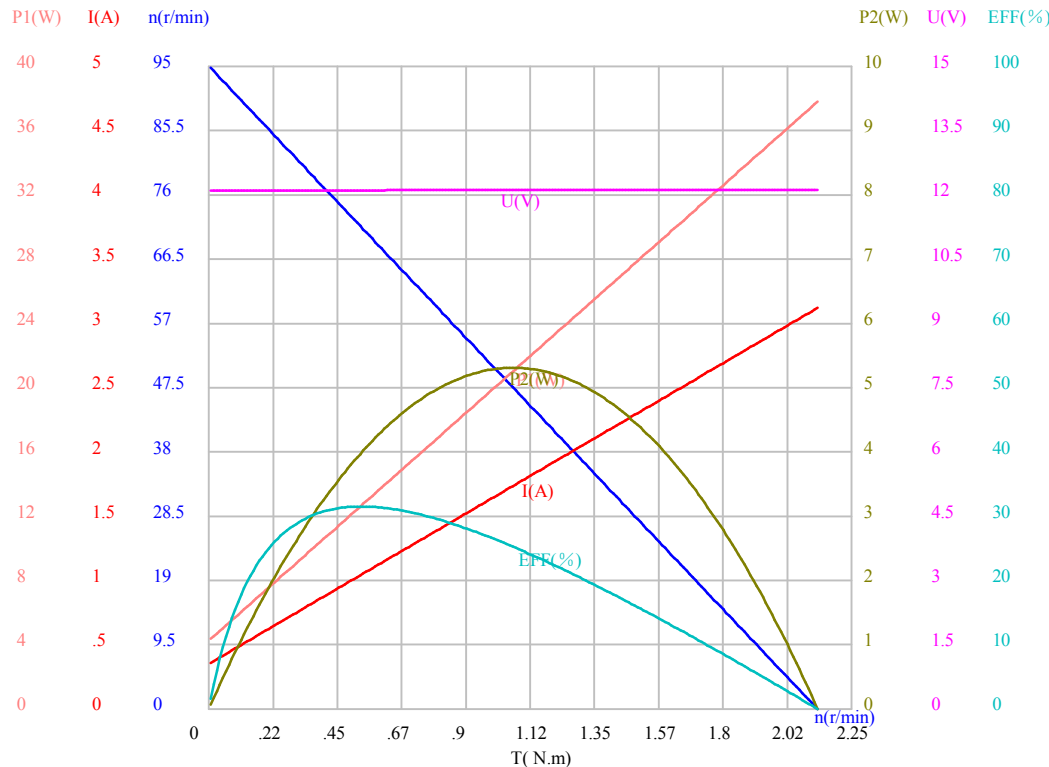
Ningbo Twirl Motor Co.,Ltd

MOTOR LOAD TEST CURVE

Report No.:20221125-PG36GR127000-71.2K
 Deraillieur(Motor/Output):71.2/1
 Sample No.:1

Manufacturer:
 Specification:/
 Report No.:1

Motor Type:PG36GR127000-71.2K
 Direction:逆时针(CCW)



U(V)	I(A)	P1(W)	T(N.m)	n(r/min)	P2(W)	EFF(%)	P.F
12.10	0.360	4.361	0.01	94.8	0.071	1.628	0.999
12.10	0.429	5.201	0.06	92.4	0.585	11.27	0.999
12.10	0.499	6.041	0.11	90.0	1.074	17.78	1.000
12.10	0.568	6.882	0.17	87.6	1.535	22.32	1.000
12.10	0.637	7.722	0.22	85.2	1.971	25.52	1.000
12.10	0.707	8.563	0.27	82.8	2.379	27.79	1.000
12.11	0.776	9.403	0.33	80.5	2.761	29.36	1.000
12.11	0.846	10.24	0.38	78.1	3.116	30.42	1.000
12.11	0.915	11.08	0.43	75.7	3.444	31.08	1.000
12.11	0.984	11.93	0.49	73.3	3.746	31.42	1.000
12.11	1.054	12.77	0.54	70.9	4.021	31.51	1.000
12.11	1.123	13.61	0.59	68.5	4.270	31.39	1.000
12.11	1.192	14.45	0.65	66.2	4.492	31.10	1.000
12.11	1.262	15.29	0.70	63.8	4.687	30.67	1.000
12.11	1.331	16.13	0.75	61.4	4.856	30.11	1.000
12.11	1.401	16.97	0.81	59.0	4.998	29.46	1.000
12.11	1.470	17.81	0.86	56.6	5.113	28.72	1.000
12.11	1.539	18.65	0.91	54.3	5.202	27.90	1.000
12.11	1.609	19.49	0.97	51.9	5.264	27.01	0.999
12.11	1.678	20.33	1.02	49.5	5.300	26.07	0.999
12.11	1.748	21.17	1.08	47.1	5.309	25.08	0.999
12.11	1.817	22.01	1.13	44.7	5.291	24.04	0.999
12.11	1.886	22.85	1.18	42.3	5.247	22.96	0.999
12.11	1.956	23.69	1.24	40.0	5.176	21.85	0.999
12.11	2.025	24.53	1.29	37.6	5.078	20.70	0.999
12.11	2.094	25.37	1.34	35.2	4.954	19.53	0.999
12.11	2.164	26.21	1.40	32.8	4.803	18.32	0.999
12.12	2.233	27.05	1.45	30.4	4.625	17.10	0.999
12.12	2.303	27.89	1.50	28.1	4.421	15.85	0.999
12.12	2.372	28.73	1.56	25.7	4.190	14.58	0.999
12.12	2.441	29.57	1.61	23.3	3.933	13.30	0.999
12.12	2.511	30.42	1.66	20.9	3.648	12.00	0.999
12.12	2.580	31.26	1.72	18.5	3.338	10.68	0.999
12.12	2.649	32.10	1.77	16.1	3.000	9.349	0.999
12.12	2.719	32.94	1.82	13.8	2.636	8.005	0.999
12.12	2.788	33.78	1.88	11.4	2.246	6.649	0.999
12.12	2.858	34.62	1.93	9.0	1.828	5.282	0.999
12.12	2.927	35.46	1.98	6.6	1.384	3.905	0.999
12.12	2.996	36.30	2.04	4.2	0.914	2.518	0.999
12.12	3.066	37.14	2.09	1.9	0.416	1.122	0.999
12.12	3.121	37.81	2.13	0.0	0.000	0.000	0.999

	U(V)	I(A)	P1(W)	T(N.m)	n(r/min)	P2(W)	EFF(%)	P.F
No-Load	12.10	0.360	4.361	0.01	94.8	0.071	1.628	0.999
Locked	12.12	3.121	37.81	2.132	0	0	0.000	0.999
Max-T	12.12	3.121	37.81	2.13	0.0	0.000	0.000	0.999
Max-P2	12.11	1.734	21.00	1.06	47.6	5.309	25.28	0.999
Max-EFF	12.11	1.040	12.60	0.53	71.4	3.969	31.51	1.000
Rating	****	****	****	****	****	****	****	****

Tester:

Test Date: 2022-11-25