

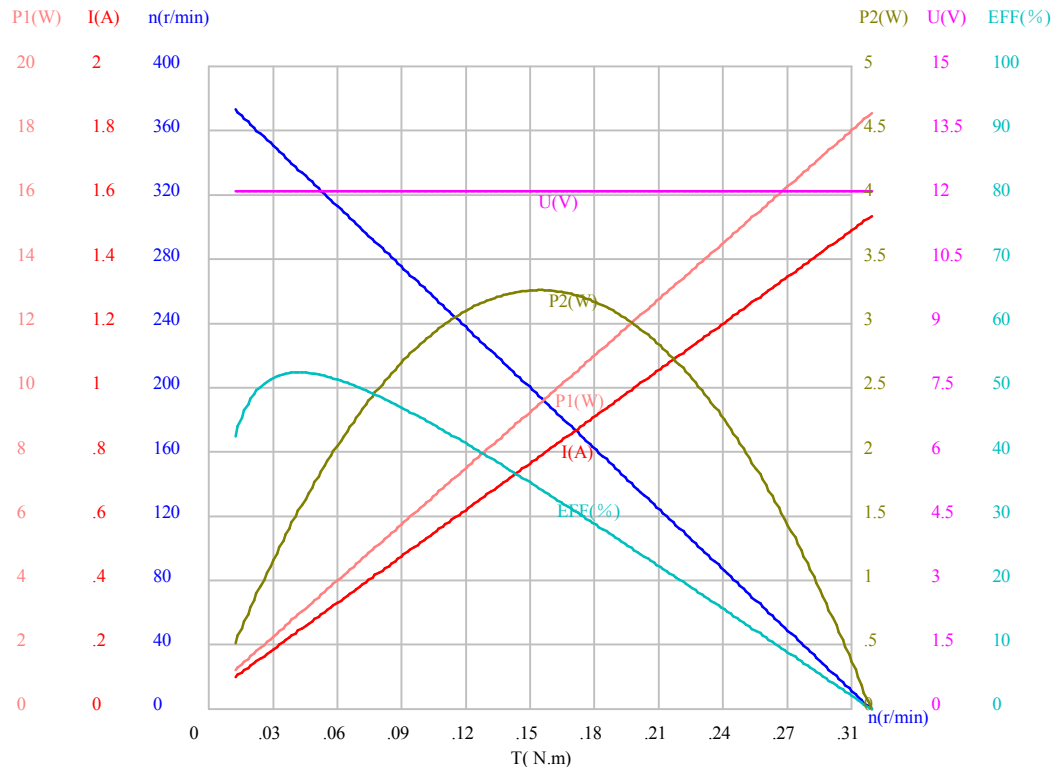
Ningbo Twirl Motor Co.,Ltd

MOTOR LOAD TEST CURVE

Report No.:20211110-PG25370126000-15.3K-
 Derailleur(Motor/Output):15.3/1
 Sample No.:1

Manufacturer:
 Specification:/
 Report No.:1

Motor Type:PG25370126000-15.3K
 Direction:逆时针(CCW)



U(V)	I(A)	P1(W)	T(N.m)	n(r/min)	P2(W)	EFF(%)	P.F
12.08	0.100	1.208	0.013	373.1	0.512	42.42	0.999
12.08	0.136	1.644	0.020	363.7	0.793	48.27	0.999
12.08	0.172	2.079	0.028	354.3	1.059	50.94	0.999
12.08	0.208	2.514	0.036	344.9	1.309	52.08	0.999
12.08	0.244	2.950	0.043	335.6	1.545	52.37	1.000
12.08	0.280	3.385	0.051	326.2	1.765	52.14	1.000
12.08	0.316	3.821	0.059	316.8	1.970	51.57	1.000
12.08	0.352	4.256	0.067	307.4	2.160	50.76	1.000
12.08	0.388	4.691	0.074	298.1	2.335	49.77	1.000
12.08	0.424	5.127	0.082	288.7	2.495	48.66	1.000
12.08	0.460	5.562	0.090	279.3	2.639	47.45	1.000
12.08	0.496	5.998	0.097	269.9	2.769	46.16	1.000
12.08	0.532	6.433	0.105	260.6	2.883	44.82	1.000
12.08	0.568	6.869	0.113	251.2	2.982	43.42	1.000
12.08	0.604	7.304	0.121	241.8	3.066	41.98	1.000
12.08	0.640	7.739	0.128	232.4	3.135	40.51	1.000
12.08	0.676	8.175	0.136	223.1	3.189	39.01	1.000
12.08	0.712	8.610	0.144	213.7	3.227	37.48	1.000
12.08	0.748	9.046	0.151	204.3	3.251	35.94	1.000
12.08	0.784	9.481	0.159	194.9	3.259	34.38	1.000
12.08	0.820	9.917	0.167	185.6	3.252	32.80	1.000
12.08	0.856	10.35	0.175	176.2	3.230	31.21	1.000
12.08	0.892	10.79	0.182	166.8	3.193	29.60	1.000
12.08	0.928	11.22	0.190	157.4	3.141	27.99	1.000
12.08	0.964	11.66	0.198	148.1	3.073	26.37	1.000
12.08	1.000	12.09	0.205	138.7	2.991	24.73	1.000
12.08	1.036	12.53	0.213	129.3	2.893	23.10	1.000
12.08	1.072	12.97	0.221	119.9	2.780	21.45	1.000
12.08	1.108	13.40	0.229	110.6	2.652	19.80	1.000
12.08	1.144	13.84	0.236	101.2	2.509	18.14	1.000
12.08	1.180	14.27	0.244	91.8	2.351	16.48	1.000
12.08	1.216	14.71	0.252	82.4	2.178	14.81	1.000
12.08	1.252	15.14	0.259	73.1	1.989	13.14	1.000
12.08	1.288	15.58	0.267	63.7	1.786	11.47	1.000
12.08	1.324	16.01	0.275	54.3	1.567	9.788	1.000
12.08	1.360	16.45	0.283	44.9	1.333	8.107	1.000
12.08	1.397	16.88	0.290	35.6	1.084	6.423	1.000
12.08	1.433	17.32	0.298	26.2	0.820	4.736	1.000
12.08	1.469	17.75	0.306	16.8	0.540	3.046	1.000
12.08	1.505	18.19	0.313	7.4	0.246	1.354	1.000
12.08	1.533	18.54	0.320	0.0	0.000	0.000	1.000

	U(V)	I(A)	P1(W)	T(N.m)	n(r/min)	P2(W)	EFF(%)	P.F
No-Load	12.08	0.100	1.208	0.013	373.1	0.512	42.42	0.999
Locked	12.08	1.533	18.54	0.320	0	0	0.000	1.000
Max-T	12.08	1.533	18.54	0.320	0.0	0.000	0.000	1.000
Max-P2	12.08	0.784	9.481	0.159	194.9	3.259	34.38	1.000
Max-EFF	12.08	0.244	2.950	0.043	335.6	1.545	52.37	1.000
Rating	****	****	****	****	****	****	****	****

Tester:

Test Date: 2021-11-10