

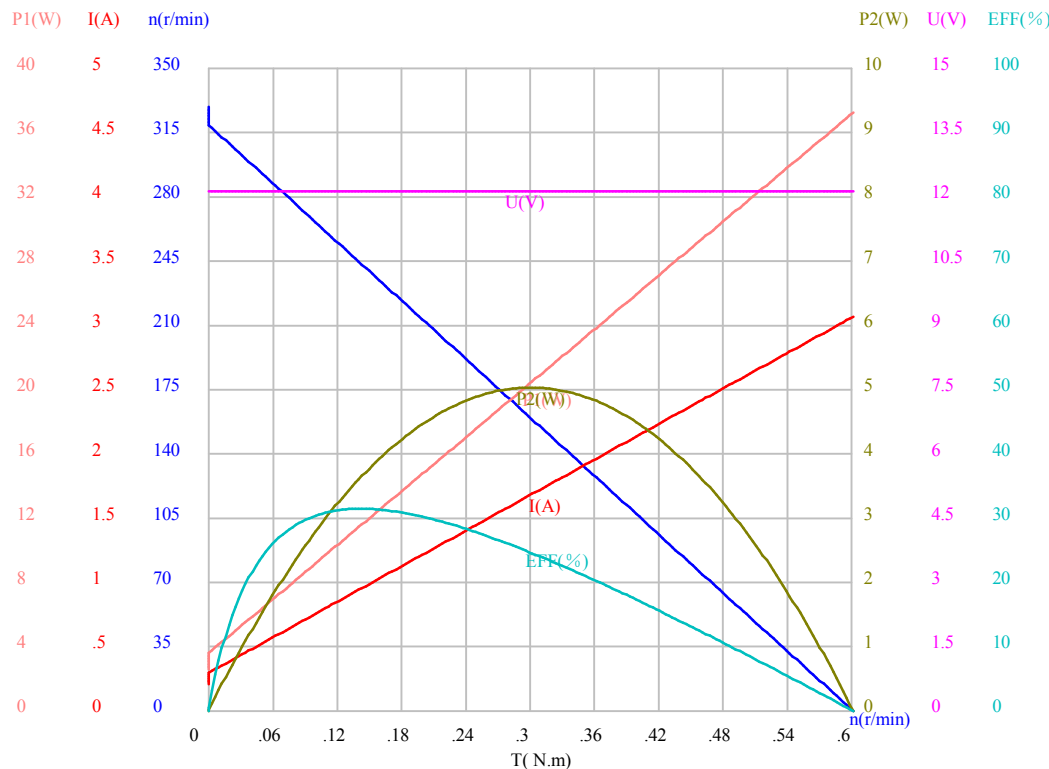
Ningbo Twirl Motor Co.,Ltd

MOTOR LOAD TEST CURVE

Report No.:20201007-PG32GR127000-21.5K-
 Derailleur(Motor/Output):21.5/1
 Sample No.:1

Manufacturer:
 Specification:/
 Report No.:1

Motor Type:PG32GR127000-21.5K
 Direction:逆时针(CCW)



U(V)	I(A)	P1(W)	T(N.m)	n(r/min)	P2(W)	EFF(%)	P.F
12.13	0.211	2.568	0.00	329.0	0.000	0.000	0.999
12.13	0.283	3.440	0.00	320.7	0.000	0.000	0.999
12.13	0.355	4.311	0.01	312.4	0.424	9.850	0.999
12.13	0.427	5.183	0.03	304.2	0.909	17.55	0.999
12.13	0.499	6.054	0.04	295.9	1.368	22.60	1.000
12.13	0.570	6.926	0.06	287.6	1.799	25.98	1.000
12.13	0.642	7.797	0.08	279.4	2.203	28.26	1.000
12.13	0.714	8.669	0.09	271.1	2.580	29.77	1.000
12.13	0.786	9.540	0.11	262.8	2.931	30.72	1.000
12.13	0.857	10.41	0.12	254.6	3.254	31.25	1.000
12.13	0.929	11.28	0.14	246.3	3.550	31.47	1.000
12.13	1.001	12.16	0.15	238.0	3.820	31.43	1.000
12.13	1.073	13.03	0.17	229.8	4.062	31.18	1.000
12.13	1.145	13.90	0.18	221.5	4.277	30.78	1.000
12.13	1.216	14.77	0.20	213.2	4.466	30.24	1.000
12.13	1.288	15.64	0.22	205.0	4.627	29.59	1.000
12.13	1.360	16.51	0.23	196.7	4.762	28.84	1.000
12.13	1.432	17.38	0.25	188.4	4.869	28.01	1.000
12.13	1.504	18.26	0.26	180.2	4.949	27.11	1.000
12.13	1.575	19.13	0.28	171.9	5.003	26.16	1.000
12.13	1.647	20.00	0.29	163.6	5.030	25.15	1.000
12.13	1.719	20.87	0.31	155.4	5.029	24.10	1.000
12.13	1.791	21.74	0.32	147.1	5.002	23.01	1.000
12.13	1.863	22.61	0.34	138.8	4.947	21.88	1.000
12.13	1.934	23.49	0.36	130.6	4.866	20.72	1.000
12.13	2.006	24.36	0.37	122.3	4.758	19.53	1.000
12.13	2.078	25.23	0.39	114.0	4.622	18.32	1.000
12.13	2.150	26.10	0.40	105.8	4.460	17.09	1.000
12.13	2.221	26.97	0.42	97.5	4.271	15.84	1.000
12.13	2.293	27.84	0.43	89.2	4.054	14.56	1.000
12.13	2.365	28.71	0.45	81.0	3.811	13.27	1.000
12.13	2.437	29.59	0.46	72.7	3.541	11.97	1.000
12.13	2.509	30.46	0.48	64.4	3.244	10.65	1.000
12.13	2.580	31.33	0.50	56.2	2.919	9.320	1.000
12.13	2.652	32.20	0.51	47.9	2.568	7.977	1.000
12.13	2.724	33.07	0.53	39.6	2.190	6.623	1.000
12.13	2.796	33.94	0.54	31.4	1.785	5.260	1.000
12.13	2.868	34.81	0.56	23.1	1.353	3.887	1.000
12.13	2.939	35.69	0.57	14.8	0.894	2.506	1.000
12.13	3.011	36.56	0.59	6.6	0.408	1.116	1.000
12.13	3.069	37.26	0.60	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	12.13	0.211	2.568	0.00	329.0	0.000	0.000	0.999
Locked	12.13	3.069	37.26	0.602	0	0	0.000	1.000
Max-T	12.13	3.069	37.26	0.60	0.0	0.000	0.000	1.000
Max-P2	12.13	1.676	20.35	0.30	160.3	5.033	24.74	1.000
Max-EFF	12.13	0.944	11.46	0.14	244.6	3.606	31.48	1.000
Rating	12.13	0.944	11.46	0.14	244.6	3.586	31.29	1.000

Tester:

Test Date: 2020-10-7