

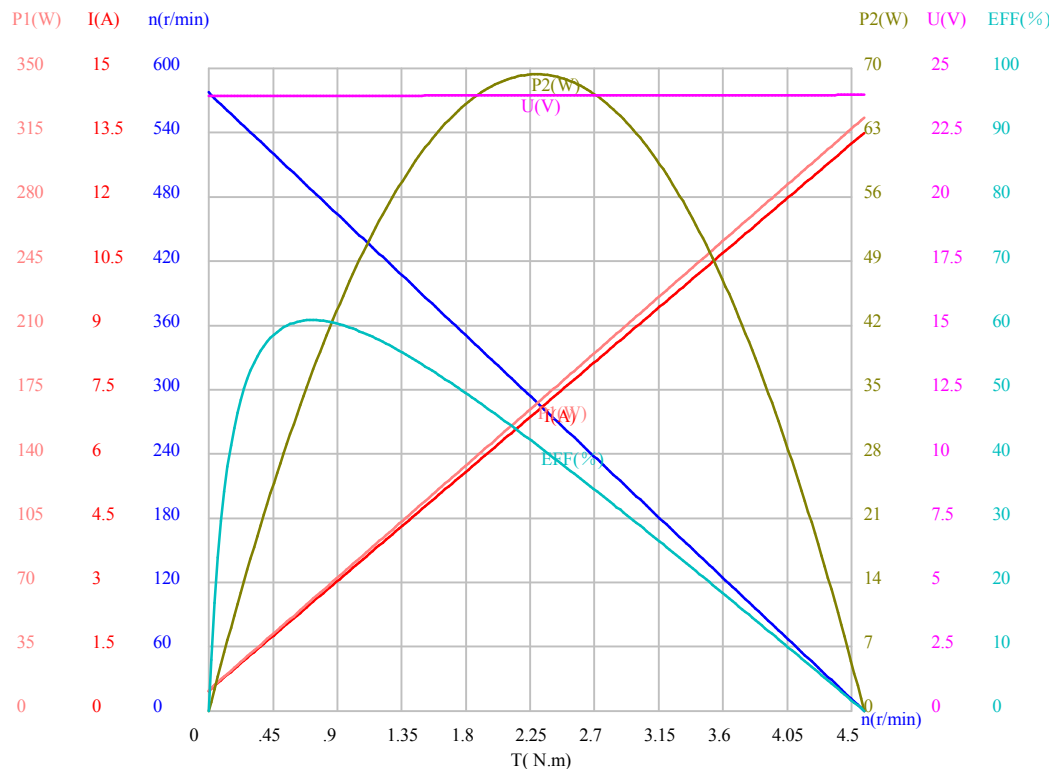
Ningbo Twirl Motor Co.,Ltd

MOTOR LOAD TEST CURVE

Report No.:20190726-PG42BL42246000-10.2K-robu
 Deraillleur(Motor/Output):1/1
 Sample No.:

Manufacturer:robu
 Specification:24V-6000RPM
 Report No.:101918

Motor Type:PG42BL42246000-10.2K
 Direction:逆时针(CCW)



U(V)	I(A)	P1(W)	T(N.m)	n(r/min)	P2(W)	EFF(%)	P.F
23.93	0.458	10.96	0.000	578.0	0.000	0.000	0.999
23.93	0.786	18.80	0.108	563.4	6.428	34.19	0.999
23.93	1.113	26.65	0.224	548.9	12.90	48.42	0.999
23.93	1.441	34.49	0.339	534.4	19.02	55.15	1.000
23.93	1.768	42.34	0.455	519.9	24.79	58.56	1.000
23.93	2.096	50.18	0.570	505.3	30.21	60.21	1.000
23.93	2.424	58.03	0.686	490.8	35.28	60.80	1.000
23.93	2.751	65.87	0.801	476.3	40.00	60.72	1.000
23.94	3.079	73.72	0.917	461.8	44.36	60.18	1.000
23.94	3.407	81.56	1.032	447.2	48.38	59.32	1.000
23.94	3.734	89.41	1.148	432.7	52.04	58.21	1.000
23.94	4.062	97.25	1.263	418.2	55.35	56.92	0.999
23.94	4.390	105.1	1.379	403.7	58.31	55.49	0.999
23.94	4.717	112.9	1.494	389.2	60.92	53.94	0.999
23.94	5.045	120.8	1.610	374.6	63.18	52.31	0.999
23.94	5.373	128.6	1.725	360.1	65.09	50.60	0.999
23.94	5.700	136.5	1.841	345.6	66.64	48.83	0.999
23.95	6.028	144.3	1.956	331.1	67.85	47.01	0.999
23.95	6.356	152.2	2.072	316.5	68.70	45.15	0.999
23.95	6.683	160.0	2.187	302.0	69.20	43.25	0.999
23.95	7.011	167.9	2.303	287.5	69.35	41.32	0.999
23.95	7.339	175.7	2.418	273.0	69.15	39.36	0.999
23.95	7.666	183.5	2.534	258.5	68.60	37.38	0.999
23.95	7.994	191.4	2.649	243.9	67.70	35.37	0.999
23.95	8.321	199.2	2.765	229.4	66.44	33.35	0.999
23.95	8.649	207.1	2.880	214.9	64.84	31.31	0.999
23.95	8.977	214.9	2.996	200.4	62.88	29.26	0.999
23.96	9.304	222.8	3.111	185.8	60.57	27.19	0.999
23.96	9.632	230.6	3.227	171.3	57.91	25.11	0.999
23.96	9.960	238.5	3.342	156.8	54.90	23.02	0.999
23.96	10.29	246.3	3.458	142.3	51.54	20.92	0.999
23.96	10.62	254.1	3.573	127.7	47.82	18.82	0.999
23.96	10.94	262.0	3.689	113.2	43.76	16.70	0.999
23.96	11.27	269.8	3.804	98.7	39.34	14.58	0.999
23.96	11.60	277.7	3.920	84.2	34.58	12.45	0.999
23.96	11.93	285.5	4.035	69.7	29.46	10.32	0.999
23.96	12.25	293.4	4.151	55.1	23.99	8.176	0.999
23.97	12.58	301.2	4.266	40.6	18.17	6.031	0.998
23.97	12.91	309.1	4.382	26.1	12.00	3.881	0.998
23.97	13.24	316.9	4.497	11.6	5.471	1.726	0.998
23.97	13.50	323.2	4.590	0.0	0.000	0.000	0.998

	U(V)	I(A)	P1(W)	T(N.m)	n(r/min)	P2(W)	EFF(%)	P.F
No-Load	23.93	0.458	10.96	0.000	578.0	0.000	0.000	0.999
Locked	23.97	13.50	323.2	4.590	0	0	0.000	0.998
Max-T	23.97	13.50	323.2	4.590	0.0	0.000	0.000	0.998
Max-P2	23.95	7.011	167.9	2.303	287.5	69.35	41.32	0.999
Max-EFF	23.93	2.555	61.16	0.732	485.0	37.21	60.84	1.000
Rating	23.93	2.321	55.57	0.650	495.3	33.71	60.67	1.000

Tester:

Test Date: 2019-7-26