

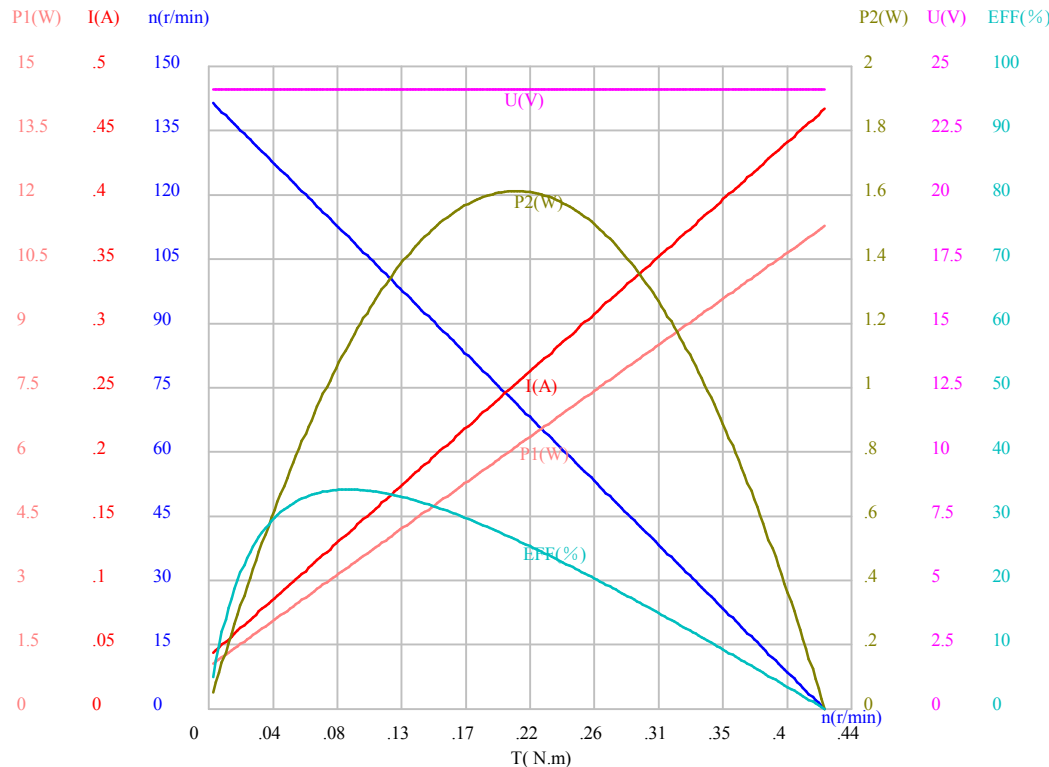
Ningbo Twirl Motor Co.,Ltd

MOTOR LOAD TEST CURVE

Report No.:20220510-PG22180249000-64K
 Derailleur(Motor/Output):64/1
 Sample No.:1

Manufacturer:
 Specification:/
 Report No.:1

Motor Type:PG22180249000-64K
 Direction:逆时针(CCW)



U(V)	I(A)	P1(W)	T(N.m)	n(r/min)	P2(W)	EFF(%)	P.F
24.10	0.044	1.059	0.003	141.5	0.052	4.937	0.996
24.10	0.054	1.315	0.014	137.9	0.206	15.68	0.997
24.10	0.065	1.572	0.025	134.3	0.352	22.41	0.998
24.10	0.076	1.829	0.035	130.8	0.490	26.82	0.998
24.10	0.086	2.085	0.046	127.2	0.620	29.75	0.998
24.10	0.097	2.342	0.057	123.7	0.742	31.70	0.999
24.10	0.107	2.598	0.068	120.1	0.856	32.96	0.999
24.10	0.118	2.855	0.078	116.6	0.962	33.71	0.999
24.10	0.129	3.112	0.089	113.0	1.060	34.08	0.999
24.10	0.139	3.368	0.100	109.5	1.150	34.16	0.999
24.10	0.150	3.625	0.111	105.9	1.232	34.00	1.000
24.10	0.161	3.881	0.121	102.3	1.306	33.66	1.000
24.10	0.171	4.138	0.132	98.8	1.372	33.17	1.000
24.10	0.182	4.395	0.143	95.2	1.430	32.55	1.000
24.10	0.192	4.651	0.154	91.7	1.480	31.83	1.000
24.10	0.203	4.908	0.164	88.1	1.522	31.02	1.000
24.10	0.214	5.164	0.175	84.6	1.556	30.13	1.000
24.10	0.224	5.421	0.186	81.0	1.582	29.18	1.000
24.10	0.235	5.678	0.197	77.5	1.600	28.18	1.000
24.10	0.246	5.934	0.207	73.9	1.610	27.13	1.000
24.10	0.256	6.191	0.218	70.3	1.611	26.04	1.000
24.10	0.267	6.447	0.229	66.8	1.605	24.90	1.000
24.10	0.277	6.704	0.240	63.2	1.591	23.74	1.000
24.10	0.288	6.961	0.250	59.7	1.569	22.55	1.000
24.10	0.299	7.217	0.261	56.1	1.539	21.33	1.000
24.10	0.309	7.474	0.272	52.6	1.501	20.09	1.000
24.10	0.320	7.730	0.283	49.0	1.455	18.82	1.000
24.10	0.331	7.987	0.293	45.5	1.400	17.54	1.000
24.10	0.341	8.244	0.304	41.9	1.338	16.24	1.000
24.10	0.352	8.500	0.315	38.3	1.268	14.92	1.000
24.10	0.362	8.757	0.326	34.8	1.190	13.59	1.000
24.10	0.373	9.013	0.337	31.2	1.104	12.25	1.000
24.10	0.384	9.270	0.347	27.7	1.009	10.89	1.000
24.10	0.394	9.527	0.358	24.1	0.907	9.527	1.000
24.10	0.405	9.783	0.369	20.6	0.797	8.150	1.000
24.10	0.416	10.04	0.380	17.0	0.679	6.764	1.000
24.10	0.426	10.30	0.390	13.5	0.552	5.369	1.000
24.10	0.437	10.55	0.401	9.9	0.418	3.966	1.000
24.10	0.448	10.81	0.412	6.3	0.276	2.556	1.000
24.10	0.458	11.07	0.423	2.8	0.126	1.138	1.000
24.10	0.467	11.27	0.431	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	24.10	0.044	1.059	0.003	141.5	0.052	4.937	0.996
Locked	24.10	0.467	11.27	0.431	0	0	0.000	1.000
Max-T	24.10	0.467	11.27	0.431	0.0	0.000	0.000	1.000
Max-P2	24.10	0.252	6.088	0.214	71.8	1.612	26.48	1.000
Max-EFF	24.10	0.137	3.317	0.098	110.2	1.133	34.16	0.999
Rating	****	****	****	****	****	****	****	****

Tester:

Test Date: 2022-5-10