

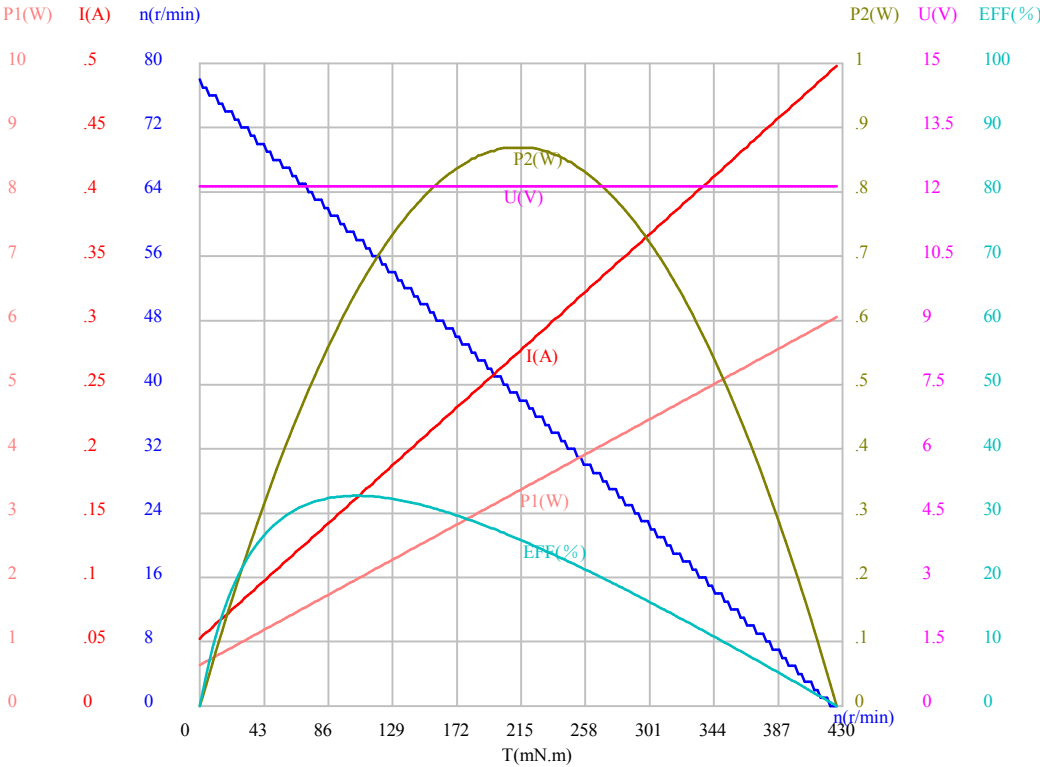
Ningbo Twirl Motor Co.,Ltd

MOTOR LOAD TEST CURVE

Report No.:20200817-PG160501212000-150K-
Derailleur(Motor/Output):150/1
Sample No.:1

Manufacturer:
Specification:/
Report No.:1

Motor Type:PG160501212000-150K
Direction:逆时针(CCW)



U(V)	I(A)	P1(W)	T(mN.m)	n(r/min)	P2(W)	EFF(%)	P.F
12.13	0.052	0.638	0.0	78	0.000	0.000	0.997
12.13	0.064	0.774	10.6	76	0.084	10.84	0.998
12.13	0.075	0.910	21.3	74	0.164	18.11	0.998
12.13	0.086	1.046	32.0	72	0.241	23.07	0.998
12.13	0.097	1.182	42.7	70	0.313	26.51	0.999
12.13	0.108	1.319	53.4	68	0.381	28.91	0.999
12.13	0.120	1.455	64.1	66	0.444	30.56	0.999
12.13	0.131	1.591	74.8	64	0.503	31.66	0.999
12.13	0.142	1.727	85.5	62	0.558	32.32	0.999
12.13	0.153	1.863	96.3	60	0.608	32.65	0.999
12.13	0.164	1.999	107.0	58	0.654	32.72	0.999
12.13	0.176	2.135	117.7	56	0.695	32.57	0.999
12.13	0.187	2.271	128.4	54	0.732	32.25	0.999
12.13	0.198	2.407	139.1	52	0.765	31.78	1.000
12.13	0.209	2.543	149.8	50	0.793	31.19	1.000
12.13	0.220	2.679	160.5	48	0.817	30.49	1.000
12.13	0.232	2.815	171.2	46	0.836	29.71	1.000
12.13	0.243	2.951	182.0	44	0.851	28.85	1.000
12.13	0.254	3.087	192.7	42	0.861	27.92	1.000
12.13	0.265	3.223	203.4	40	0.868	26.93	1.000
12.13	0.276	3.359	214.1	38	0.869	25.90	1.000
12.13	0.288	3.495	224.8	36	0.867	24.81	1.000
12.13	0.299	3.631	235.5	34	0.860	23.69	1.000
12.13	0.310	3.767	246.2	32	0.848	22.53	1.000
12.13	0.321	3.903	257.0	30	0.833	21.34	1.000
12.13	0.332	4.039	267.7	29	0.812	20.12	1.000
12.13	0.344	4.175	278.4	27	0.788	18.88	1.000
12.13	0.355	4.311	289.1	25	0.759	17.61	1.000
12.13	0.366	4.447	299.8	23	0.725	16.32	1.000
12.13	0.377	4.583	310.5	21	0.688	15.01	1.000
12.13	0.388	4.719	321.2	19	0.646	13.69	1.000
12.13	0.400	4.855	331.9	17	0.599	12.35	1.000
12.13	0.411	4.991	342.7	15	0.548	10.99	1.000
12.14	0.422	5.127	353.4	13	0.493	9.616	1.000
12.14	0.433	5.263	364.1	11	0.433	8.232	1.000
12.14	0.444	5.399	374.8	9	0.369	6.836	1.000
12.14	0.456	5.535	385.5	7	0.300	5.430	1.000
12.14	0.467	5.671	396.2	5	0.227	4.013	1.000
12.14	0.478	5.807	406.9	3	0.150	2.588	1.000
12.14	0.489	5.944	417.7	1	0.068	1.153	1.000
12.14	0.498	6.052	426.2	0	0.000	0.000	1.000

	U(V)	I(A)	P1(W)	T(mN.m)	n(r/min)	P2(W)	EFF(%)	P.F
No-Load	12.13	0.052	0.638	0.0	78	0.000	0.000	0.997
Locked	12.14	0.498	6.052	426.2	0	0	0.000	1.000
Max-T	12.14	0.498	6.052	426.2	0	0.000	0.000	1.000
Max-P2	12.13	0.270	3.277	207.7	39	0.869	26.52	1.000
Max-EFF	12.13	0.162	1.971	104.8	58	0.645	32.73	0.999
Rating	****	****	****	****	****	****	****	****

Tester:

Test Date: 2020-8-17