

Ningbo Shengguang Motor Co.,Ltd

MOTOR LOAD TEST CURVE

Report No.:220200411-PG42775123000-3.7K

Derailleur(Motor/Output):3.7/1

Sample No.:1

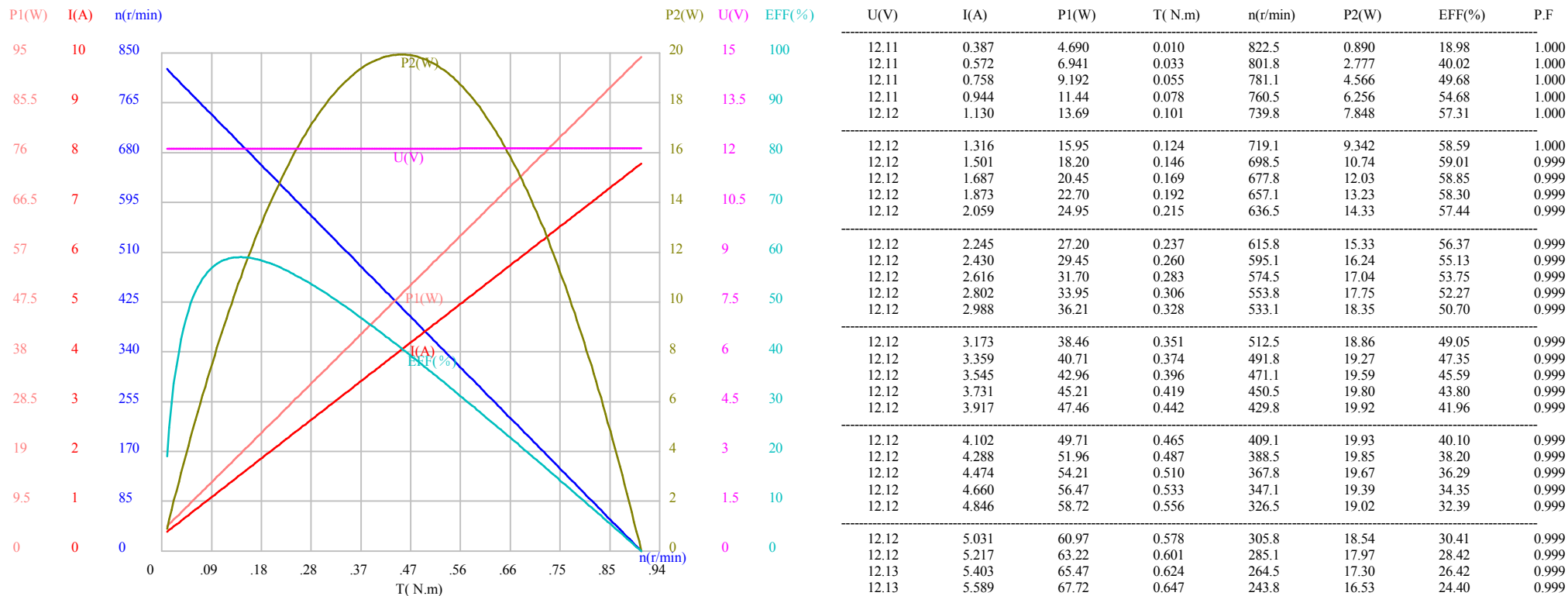
Manufacturer:

Specification:/

Report No.:1

Motor Type:PG42775123000-3.7K

Direction:逆时针(CCW)



	U(V)	I(A)	P1(W)	T (N.m)	n(r/min)	P2(W)	EFF(%)	P.F
No-Load	12.11	0.387	4.690	0.010	822.5	0.890	18.98	1.000
Locked	12.13	7.781	94.28	0.915	0	0	0.000	0.998
Max-T	12.13	7.781	94.28	0.915	0.0	0.000	0.000	0.998
Max-P2	12.12	4.028	48.81	0.456	417.4	19.94	40.85	0.999
Max-EFF	12.12	1.539	18.65	0.151	694.3	11.00	59.02	0.999
Rating	12.12	1.041	12.61	0.090	749.7	7.066	56.01	1.000

U(V)	I(A)	P1(W)	T (N.m)	n(r/min)	P2(W)	EFF(%)	P.F
12.11	0.387	4.690	0.010	822.5	0.890	18.98	1.000
12.11	0.572	6.941	0.033	801.8	2.777	40.02	1.000
12.11	0.758	9.192	0.055	781.1	4.566	49.68	1.000
12.11	0.944	11.44	0.078	760.5	6.256	54.68	1.000
12.12	1.130	13.69	0.101	739.8	7.848	57.31	1.000
12.12	1.316	15.95	0.124	719.1	9.342	58.59	1.000
12.12	1.501	18.20	0.146	698.5	10.74	59.01	0.999
12.12	1.687	20.45	0.169	677.8	12.03	58.85	0.999
12.12	1.873	22.70	0.192	657.1	13.23	58.30	0.999
12.12	2.059	24.95	0.215	636.5	14.33	57.44	0.999
12.12	2.245	27.20	0.237	615.8	15.33	56.37	0.999
12.12	2.430	29.45	0.260	595.1	16.24	55.13	0.999
12.12	2.616	31.70	0.283	574.5	17.04	53.75	0.999
12.12	2.802	33.95	0.306	553.8	17.75	52.27	0.999
12.12	2.988	36.21	0.328	533.1	18.35	50.70	0.999
12.12	3.173	38.46	0.351	512.5	18.86	49.05	0.999
12.12	3.359	40.71	0.374	491.8	19.27	47.35	0.999
12.12	3.545	42.96	0.396	471.1	19.59	45.59	0.999
12.12	3.731	45.21	0.419	450.5	19.80	43.80	0.999
12.12	3.917	47.46	0.442	429.8	19.92	41.96	0.999
12.12	4.102	49.71	0.465	409.1	19.93	40.10	0.999
12.12	4.288	51.96	0.487	388.5	19.85	38.20	0.999
12.12	4.474	54.21	0.510	367.8	19.67	36.29	0.999
12.12	4.660	56.47	0.533	347.1	19.39	34.35	0.999
12.12	4.846	58.72	0.556	326.5	19.02	32.39	0.999
12.12	5.031	60.97	0.578	305.8	18.54	30.41	0.999
12.12	5.217	63.22	0.601	285.1	17.97	28.42	0.999
12.13	5.403	65.47	0.624	264.5	17.30	26.42	0.999
12.13	5.589	67.72	0.647	243.8	16.53	24.40	0.999
12.13	5.774	69.97	0.669	223.1	15.66	22.38	0.999
12.13	5.960	72.22	0.692	202.5	14.69	20.34	0.999
12.13	6.146	74.47	0.715	181.8	13.62	18.29	0.999
12.13	6.332	76.73	0.738	161.1	12.46	16.24	0.999
12.13	6.518	78.98	0.760	140.5	11.20	14.18	0.999
12.13	6.703	81.23	0.783	119.8	9.835	12.11	0.999
12.13	6.889	83.48	0.806	99.1	8.375	10.03	0.999
12.13	7.075	85.73	0.829	78.5	6.817	7.952	0.998
12.13	7.261	87.98	0.851	57.8	5.161	5.866	0.998
12.13	7.447	90.23	0.874	37.1	3.406	3.775	0.998
12.13	7.632	92.48	0.897	16.5	1.553	1.679	0.998
12.13	7.781	94.28	0.915	0.0	0.000	0.000	0.998

Tester:

Test Date: 2020-4-11