

Ningbo ShengGuang Motor Co.,Ltd

MOTOR LOAD TEST CURVE

Report No.:20200926-PG25370126000-604K

Derailleur(Motor/Output):604/1

Sample No.:1

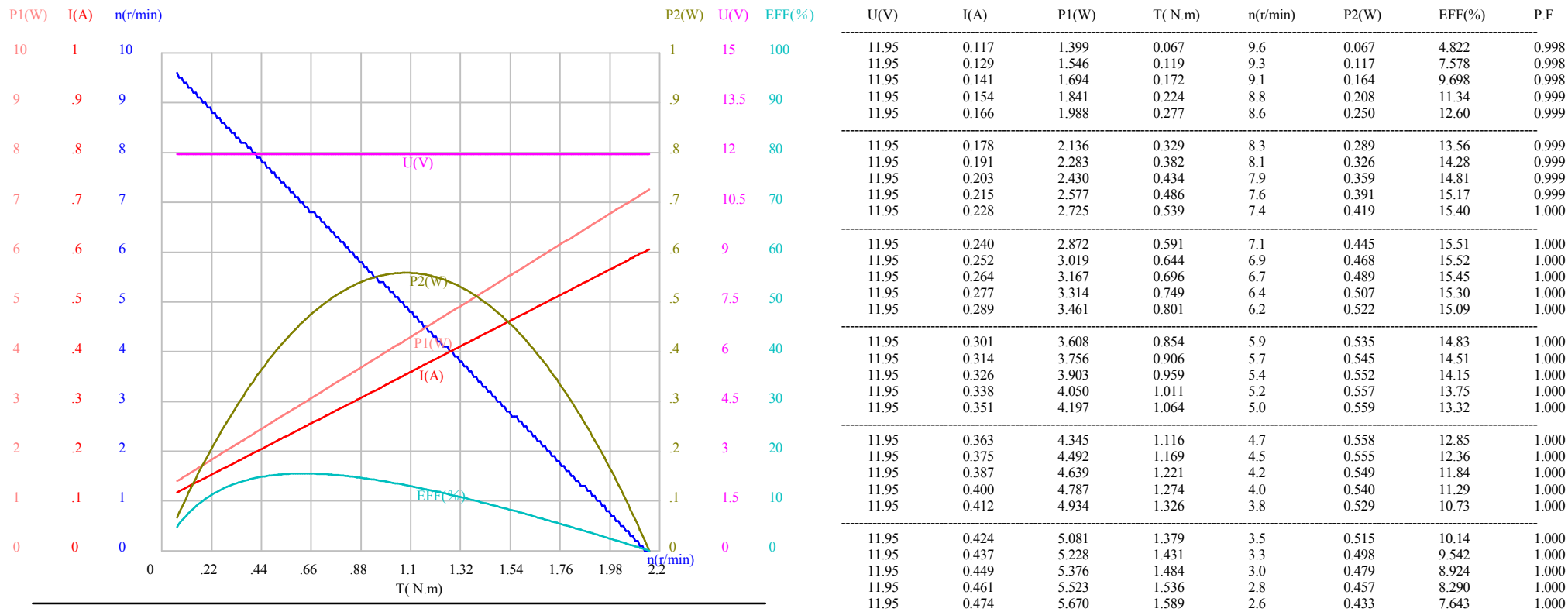
Manufacturer:

Specification:/

Report No.:1

Motor Type:PG25370126000-604K

Direction:逆时针(CCW)



U(V)	I(A)	P1(W)	T(N.m)	n(r/min)	P2(W)	EFF(%)	P.F
11.95	0.117	1.399	0.067	9.6	0.067	4.822	0.998
11.95	0.129	1.546	0.119	9.3	0.117	7.578	0.998
11.95	0.141	1.694	0.172	9.1	0.164	9.698	0.998
11.95	0.154	1.841	0.224	8.8	0.208	11.34	0.999
11.95	0.166	1.988	0.277	8.6	0.250	12.60	0.999
11.95	0.178	2.136	0.329	8.3	0.289	13.56	0.999
11.95	0.191	2.283	0.382	8.1	0.326	14.28	0.999
11.95	0.203	2.430	0.434	7.9	0.359	14.81	0.999
11.95	0.215	2.577	0.486	7.6	0.391	15.17	0.999
11.95	0.228	2.725	0.539	7.4	0.419	15.40	1.000
11.95	0.240	2.872	0.591	7.1	0.445	15.51	1.000
11.95	0.252	3.019	0.644	6.9	0.468	15.52	1.000
11.95	0.264	3.167	0.696	6.7	0.489	15.45	1.000
11.95	0.277	3.314	0.749	6.4	0.507	15.30	1.000
11.95	0.289	3.461	0.801	6.2	0.522	15.09	1.000
11.95	0.301	3.608	0.854	5.9	0.535	14.83	1.000
11.95	0.314	3.756	0.906	5.7	0.545	14.51	1.000
11.95	0.326	3.903	0.959	5.4	0.552	14.15	1.000
11.95	0.338	4.050	1.011	5.2	0.557	13.75	1.000
11.95	0.351	4.197	1.064	5.0	0.559	13.32	1.000
11.95	0.363	4.345	1.116	4.7	0.558	12.85	1.000
11.95	0.375	4.492	1.169	4.5	0.555	12.36	1.000
11.95	0.387	4.639	1.221	4.2	0.549	11.84	1.000
11.95	0.400	4.787	1.274	4.0	0.540	11.29	1.000
11.95	0.412	4.934	1.326	3.8	0.529	10.73	1.000
11.95	0.424	5.081	1.379	3.5	0.515	10.14	1.000
11.95	0.437	5.228	1.431	3.3	0.498	9.542	1.000
11.95	0.449	5.376	1.484	3.0	0.479	8.924	1.000
11.95	0.461	5.523	1.536	2.8	0.457	8.290	1.000
11.95	0.474	5.670	1.589	2.6	0.433	7.643	1.000
11.95	0.486	5.818	1.641	2.3	0.406	6.983	1.000
11.95	0.498	5.965	1.693	2.1	0.376	6.311	1.000
11.95	0.510	6.112	1.746	1.8	0.344	5.628	1.000
11.95	0.523	6.259	1.798	1.6	0.308	4.935	1.000
11.95	0.535	6.407	1.851	1.3	0.271	4.232	1.000
11.95	0.547	6.554	1.903	1.1	0.230	3.521	1.000
11.95	0.560	6.701	1.956	0.9	0.187	2.801	1.000
11.95	0.572	6.848	2.008	0.6	0.142	2.074	1.000
11.95	0.584	6.996	2.061	0.4	0.093	1.339	1.000
11.95	0.597	7.143	2.113	0.1	0.042	0.597	1.000
11.95	0.606	7.261	2.155	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	11.95	0.117	1.399	0.067	9.6	0.067	4.822	0.998
Locked	11.95	0.606	7.261	2.155	0	0	0.000	1.000
Max-T	11.95	0.606	7.261	2.155	0.0	0.000	0.000	1.000
Max-P2	11.95	0.351	4.197	1.064	5.0	0.559	13.32	1.000
Max-EFF	11.95	0.247	2.960	0.623	7.0	0.459	15.53	1.000
Rating	11.95	0.277	3.318	0.750	6.4	0.502	15.13	1.000

Tester:

Test Date: 2020-9-26