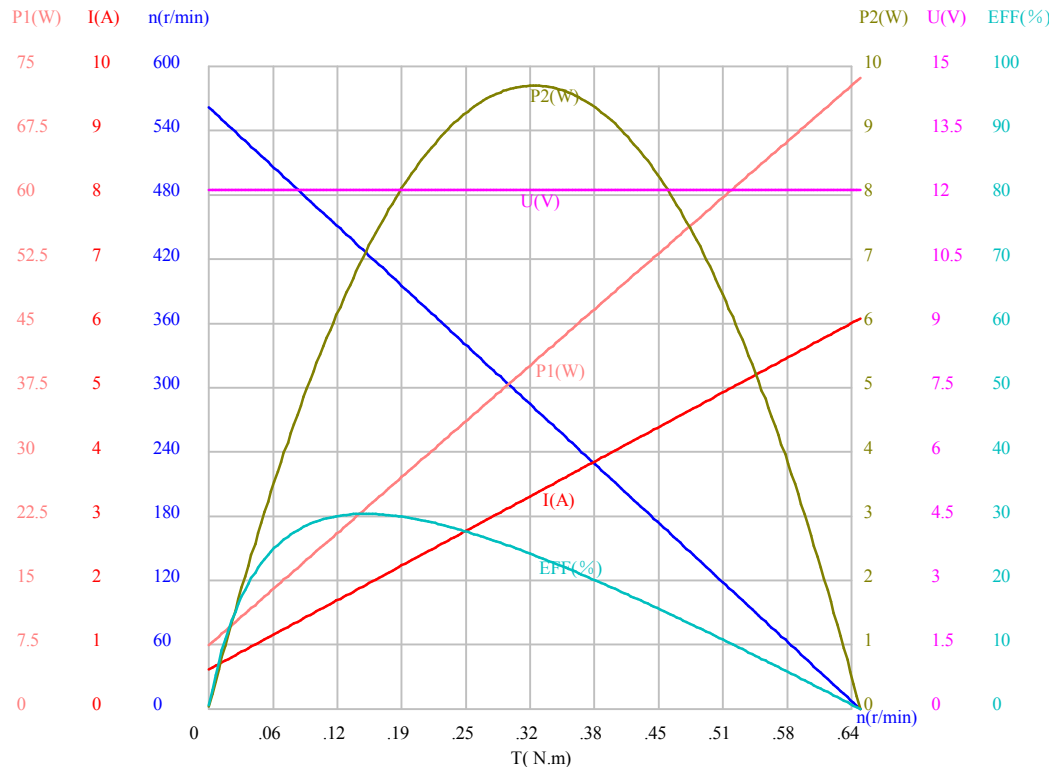


MOTOR LOAD TEST CURVE

Report No.:20210707-PG221801225000-42.8K
 Derailleur(Motor/Output):42.8/1
 Sample No.:1

Manufacturer:
 Specification/
 Report No.:1

Motor Type:PG221801225000-42.8K
 Direction:逆时针(CCW)



U(V)	I(A)	P1(W)	T(N.m)	n(r/min)	P2(W)	EFF(%)	P.F
12.12	0.617	7.477	0.000	561.5	0.041	0.553	0.999
12.12	0.754	9.140	0.017	547.4	0.988	10.82	0.999
12.12	0.891	10.80	0.033	533.3	1.887	17.47	0.999
12.12	1.028	12.47	0.050	519.2	2.737	21.96	0.999
12.12	1.165	14.13	0.066	505.1	3.538	25.04	0.999
12.12	1.303	15.79	0.083	491.0	4.290	27.17	0.999
12.12	1.440	17.45	0.099	476.9	4.993	28.61	0.999
12.12	1.577	19.11	0.116	462.8	5.647	29.55	0.999
12.12	1.714	20.78	0.133	448.7	6.252	30.09	0.999
12.12	1.851	22.44	0.149	434.6	6.809	30.34	0.999
12.12	1.989	24.10	0.166	420.4	7.316	30.36	0.999
12.12	2.126	25.76	0.182	406.3	7.775	30.18	0.999
12.12	2.263	27.43	0.199	392.2	8.184	29.84	0.999
12.12	2.400	29.09	0.215	378.1	8.545	29.38	0.999
12.12	2.537	30.75	0.232	364.0	8.857	28.80	0.999
12.12	2.674	32.41	0.248	349.9	9.120	28.14	0.999
12.12	2.812	34.08	0.265	335.8	9.334	27.39	1.000
12.12	2.949	35.74	0.281	321.7	9.499	26.58	1.000
12.12	3.086	37.40	0.298	307.6	9.616	25.71	1.000
12.12	3.223	39.06	0.315	293.4	9.683	24.79	1.000
12.12	3.360	40.73	0.331	279.3	9.702	23.82	1.000
12.12	3.497	42.39	0.348	265.2	9.671	22.82	1.000
12.12	3.635	44.05	0.364	251.1	9.592	21.78	1.000
12.12	3.772	45.71	0.381	237.0	9.464	20.70	1.000
12.12	3.909	47.38	0.397	222.9	9.287	19.60	1.000
12.12	4.046	49.04	0.414	208.8	9.061	18.48	1.000
12.12	4.183	50.70	0.430	194.7	8.786	17.33	1.000
12.12	4.320	52.36	0.447	180.6	8.462	16.16	1.000
12.12	4.458	54.02	0.464	166.5	8.090	14.97	1.000
12.12	4.595	55.69	0.480	152.3	7.668	13.77	1.000
12.12	4.732	57.35	0.497	138.2	7.198	12.55	1.000
12.12	4.869	59.01	0.513	124.1	6.678	11.32	1.000
12.12	5.006	60.67	0.530	110.0	6.110	10.07	1.000
12.12	5.143	62.34	0.546	95.9	5.493	8.812	1.000
12.12	5.281	64.00	0.563	81.8	4.827	7.542	1.000
12.12	5.418	65.66	0.579	67.7	4.112	6.262	1.000
12.12	5.555	67.32	0.596	53.6	3.348	4.973	1.000
12.11	5.692	68.99	0.612	39.5	2.535	3.675	1.000
12.11	5.829	70.65	0.629	25.3	1.674	2.369	1.000
12.11	5.967	72.31	0.646	11.2	0.763	1.056	1.000
12.11	6.076	73.64	0.659	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	12.12	0.617	7.477	0.000	561.5	0.041	0.553	0.999
Locked	12.11	6.076	73.64	0.659	0	0	0.000	1.000
Max-T	12.11	6.076	73.64	0.659	0.0	0.000	0.000	1.000
Max-P2	12.12	3.333	40.39	0.328	282.2	9.702	24.02	1.000
Max-EFF	12.12	1.934	23.44	0.159	426.1	7.119	30.38	0.999
Rating	12.12	1.860	22.55	0.150	433.6	6.811	30.20	1.000

Tester:

Test Date: 2021-7-7