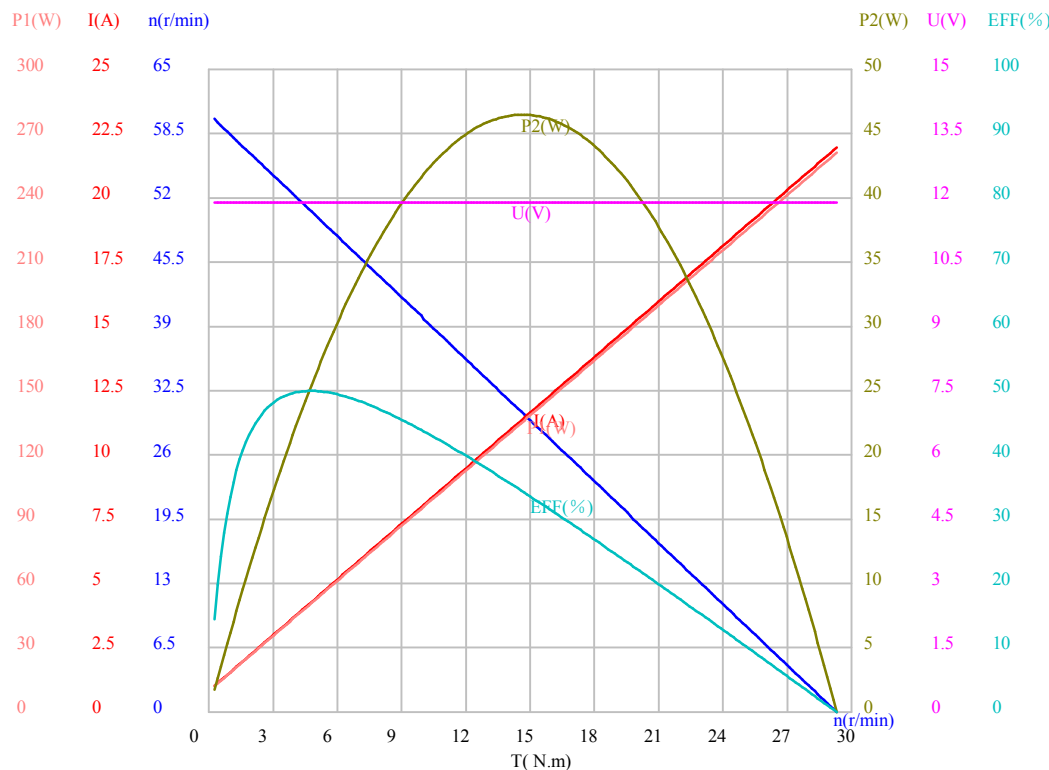


# MOTOR LOAD TEST CURVE

Report No.:20191226-PG45775126000- 99.5K-robu  
 Deraillieur(Motor/Output):99.5/1  
 Sample No.:

Manufacturer:robu  
 Specification:12V-6000RPM  
 Report No.:104645

Motor Type:PG45775126000- 99.5K  
 Direction: (CCW)



U(V)	I(A)	P1(W)	T(N.m)	n(r/min)	P2(W)	EFF(%)	P.F
11.89	1.026	12.20	0.28	60.0	1.758	14.42	0.999
11.89	1.552	18.45	1.01	58.4	6.181	33.50	0.999
11.89	2.078	24.70	1.74	56.9	10.37	41.99	0.999
11.89	2.604	30.96	2.47	55.4	14.34	46.31	0.999
11.89	3.130	37.21	3.20	53.9	18.07	48.56	0.999
11.89	3.656	43.46	3.93	52.4	21.57	49.63	0.999
11.89	4.182	49.72	4.66	50.9	24.84	49.96	0.999
11.89	4.708	55.97	5.38	49.4	27.88	49.82	0.999
11.89	5.234	62.22	6.11	47.9	30.69	49.33	0.999
11.89	5.760	68.47	6.84	46.4	33.27	48.59	0.999
11.89	6.286	74.73	7.57	44.9	35.62	47.67	0.999
11.89	6.812	80.98	8.30	43.4	37.74	46.61	0.999
11.89	7.338	87.23	9.03	41.9	39.63	45.43	0.999
11.89	7.864	93.49	9.76	40.4	41.29	44.17	0.999
11.89	8.390	99.74	10.49	38.8	42.72	42.83	0.999
11.89	8.916	106.0	11.22	37.3	43.92	41.44	0.999
11.89	9.442	112.2	11.95	35.8	44.89	39.99	0.999
11.89	9.968	118.5	12.68	34.3	45.63	38.51	0.999
11.89	10.49	124.8	13.41	32.8	46.14	36.98	0.999
11.89	11.02	131.0	14.14	31.3	46.42	35.43	0.999
11.89	11.55	137.3	14.87	29.8	46.46	33.85	0.999
11.89	12.07	143.5	15.59	28.3	46.28	32.25	0.999
11.89	12.60	149.8	16.32	26.8	45.87	30.63	0.999
11.89	13.12	156.0	17.05	25.3	45.23	28.99	0.999
11.89	13.65	162.3	17.78	23.8	44.35	27.33	0.999
11.89	14.18	168.5	18.51	22.3	43.25	25.66	0.999
11.89	14.70	174.8	19.24	20.8	41.92	23.98	0.999
11.89	15.23	181.0	19.97	19.2	40.35	22.29	0.999
11.89	15.75	187.3	20.70	17.7	38.56	20.59	0.999
11.89	16.28	193.5	21.43	16.2	36.53	18.88	0.999
11.89	16.81	199.8	22.16	14.7	34.28	17.16	0.999
11.89	17.33	206.0	22.89	13.2	31.79	15.43	0.999
11.89	17.86	212.3	23.62	11.7	29.08	13.70	0.999
11.89	18.38	218.5	24.35	10.2	26.13	11.96	0.999
11.89	18.91	224.8	25.08	8.7	22.96	10.21	0.999
11.89	19.44	231.1	25.80	7.2	19.55	8.462	0.999
11.89	19.96	237.3	26.53	5.7	15.92	6.707	0.999
11.89	20.49	243.6	27.26	4.2	12.05	4.947	0.999
11.89	21.01	249.8	27.99	2.7	7.954	3.184	0.999
11.89	21.54	256.1	28.72	1.2	3.627	1.416	0.999
11.89	21.96	261.1	29.31	0.0	0.000	0.000	0.999

	U(V)	I(A)	P1(W)	T(N.m)	n(r/min)	P2(W)	EFF(%)	P.F
No-Load	11.89	1.026	12.20	0.28	60.0	1.758	14.42	0.999
Locked	11.89	21.96	261.1	29.31	0	0	0.000	0.999
Max-T	11.89	21.96	261.1	29.31	0.0	0.000	0.000	0.999
Max-P2	11.89	11.44	136.0	14.72	30.1	46.47	34.17	0.999
Max-EFF	11.89	4.287	50.97	4.80	50.6	25.47	49.97	0.999
Rating	11.89	3.709	44.10	4.00	52.2	21.88	49.63	1.000

Tester:

Test Date: 2019-12-27