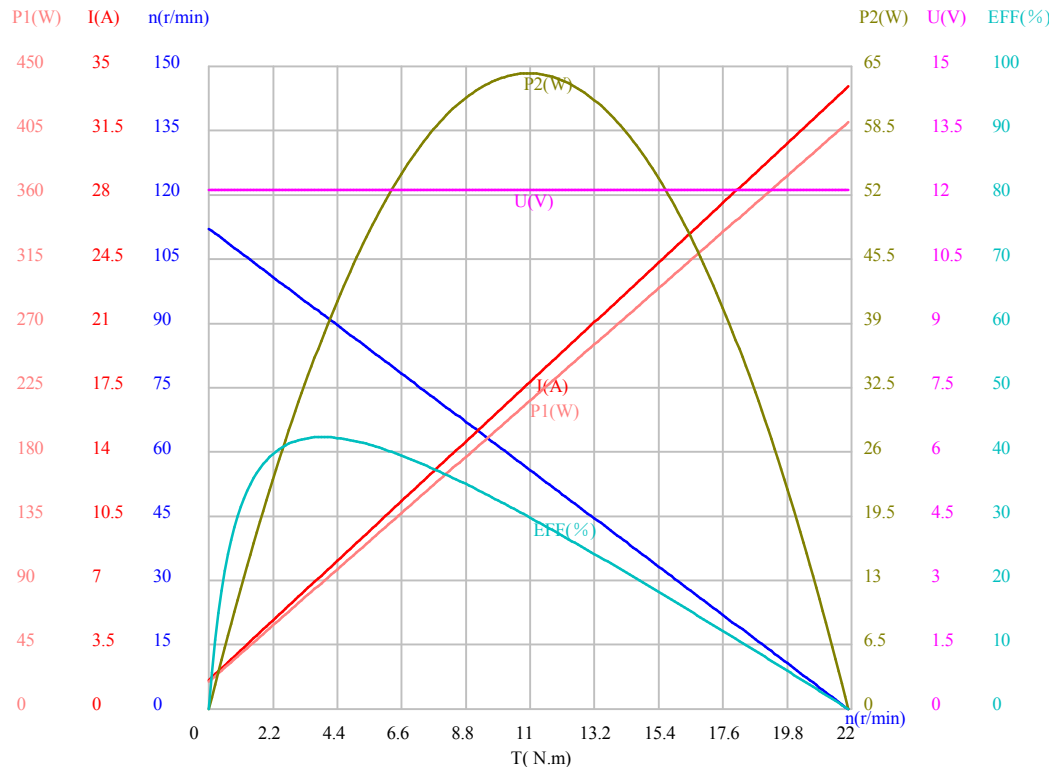


MOTOR LOAD TEST CURVE

Report No.:20200522-PG45775128000-71.2K-robu
 Deraillieur(Motor/Output):71.2/1
 Sample No.:1

Manufacturer:robu
 Specification:/
 Report No.:1

Motor Type:PG45775128000-71.2K
 Direction: (CCW)



U(V)	I(A)	P1(W)	T(N.m)	n(r/min)	P2(W)	EFF(%)	P.F
12.12	1.572	19.06	0.000	112.1	0.000	0.000	1.000
12.12	2.385	28.91	0.542	109.3	6.208	21.48	1.000
12.12	3.197	38.75	1.092	106.5	12.19	31.46	1.000
12.12	4.009	48.60	1.642	103.7	17.85	36.72	1.000
12.12	4.821	58.45	2.193	100.9	23.18	39.66	1.000
12.12	5.634	68.29	2.743	98.1	28.19	41.28	1.000
12.12	6.446	78.14	3.294	95.2	32.87	42.07	1.000
12.12	7.258	87.98	3.844	92.4	37.23	42.31	1.000
12.12	8.071	97.83	4.395	89.6	41.26	42.17	1.000
12.12	8.883	107.7	4.945	86.8	44.97	41.76	1.000
12.12	9.695	117.5	5.496	84.0	48.35	41.14	1.000
12.12	10.51	127.4	6.046	81.1	51.41	40.36	1.000
12.12	11.32	137.2	6.597	78.3	54.14	39.46	1.000
12.12	12.13	147.1	7.147	75.5	56.55	38.45	1.000
12.12	12.95	156.9	7.697	72.7	58.63	37.37	1.000
12.12	13.76	166.7	8.248	69.9	60.38	36.21	1.000
12.12	14.57	176.6	8.798	67.0	61.82	35.00	1.000
12.12	15.38	186.4	9.349	64.2	62.92	33.75	1.000
12.12	16.19	196.3	9.899	61.4	63.71	32.46	1.000
12.12	17.01	206.1	10.450	58.6	64.16	31.13	1.000
12.12	17.82	216.0	11.000	55.8	64.30	29.77	1.000
12.12	18.63	225.8	11.551	52.9	64.10	28.39	1.000
12.12	19.44	235.7	12.101	50.1	63.59	26.98	1.000
12.12	20.26	245.5	12.651	47.3	62.74	25.56	1.000
12.12	21.07	255.4	13.202	44.5	61.58	24.11	1.000
12.12	21.88	265.2	13.752	41.7	60.08	22.66	1.000
12.12	22.69	275.1	14.303	38.9	58.27	21.18	1.000
12.12	23.51	284.9	14.853	36.0	56.12	19.70	1.000
12.12	24.32	294.7	15.404	33.2	53.66	18.20	1.000
12.12	25.13	304.6	15.954	30.4	50.86	16.70	1.000
12.12	25.94	314.4	16.505	27.6	47.75	15.19	1.000
12.12	26.75	324.3	17.055	24.8	44.31	13.66	1.000
12.12	27.57	334.1	17.606	21.9	40.54	12.13	1.000
12.12	28.38	344.0	18.156	19.1	36.45	10.60	1.000
12.12	29.19	353.8	18.706	16.3	32.03	9.052	1.000
12.12	30.00	363.7	19.257	13.5	27.29	7.503	1.000
12.12	30.82	373.5	19.807	10.7	22.22	5.948	1.000
12.12	31.63	383.4	20.358	7.8	16.83	4.389	1.000
12.12	32.44	393.2	20.908	5.0	11.11	2.825	1.000
12.12	33.25	403.0	21.459	2.2	5.067	1.257	1.000
12.12	33.90	410.9	21.899	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	1.572	19.06	0.000	112.1	0.000	0.000	1.000
Locked	12.12	33.90	410.9	21.90	0	0	0.000	1.000
Max-T	12.12	33.90	410.9	21.899	0.0	0.000	0.000	1.000
Max-P2	12.12	17.66	214.0	10.890	56.3	64.30	30.04	1.000
Max-EFF	12.12	7.258	87.98	3.844	92.4	37.23	42.31	1.000
Rating	12.12	6.012	72.87	3.000	96.7	30.39	41.70	1.000

Tester:

Test Date: 2020-5-22