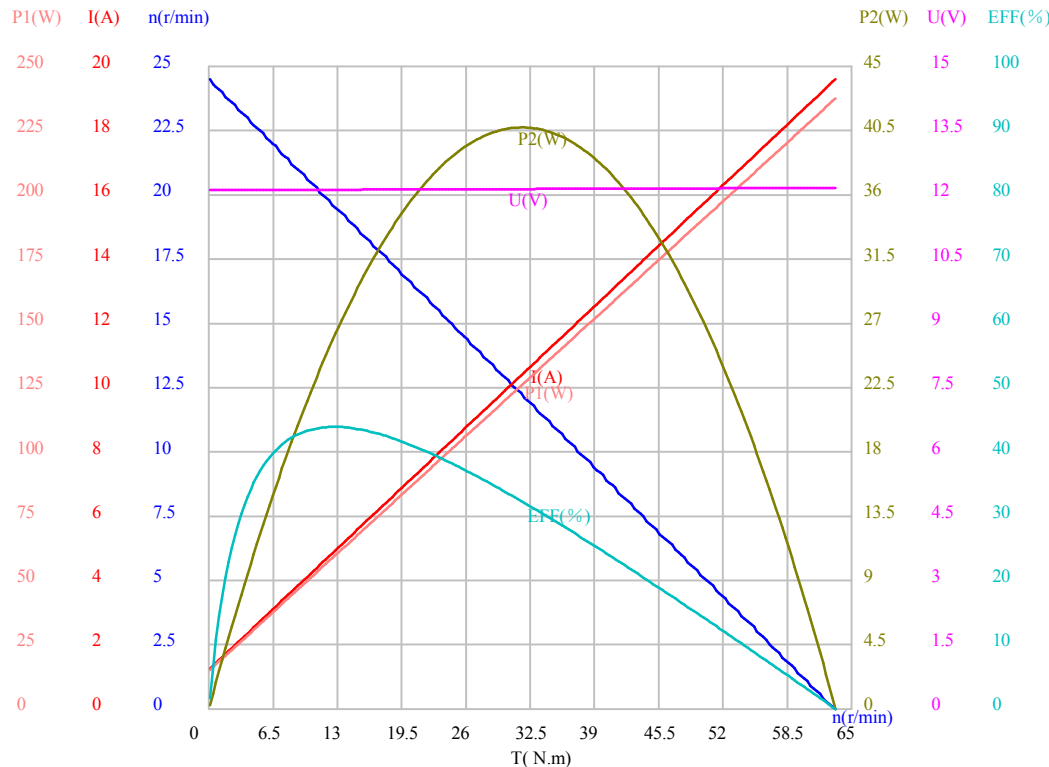


# MOTOR LOAD TEST CURVE

Report No.:20200714-PG45775126000-264K-robu  
 Deraillieur(Motor/Output):264/1  
 Sample No.:1

Manufacturer:robu  
 Specification:/  
 Report No.:1

Motor Type:PG45775126000-264K  
 Direction: (CCW)



U(V)	I(A)	P1(W)	T( N.m)	n(r/min)	P2(W)	EFF(%)	P.F
12.11	1.252	15.18	0.10	24.5	0.257	1.693	1.000
12.11	1.713	20.76	1.69	23.8	4.228	20.36	1.000
12.11	2.174	26.35	3.28	23.2	7.994	30.34	1.000
12.11	2.635	31.94	4.87	22.6	11.56	36.18	1.000
12.12	3.097	37.52	6.46	22.0	14.91	39.74	0.999
12.12	3.558	43.11	8.05	21.4	18.06	41.90	0.999
12.12	4.019	48.70	9.64	20.8	21.01	43.14	0.999
12.12	4.480	54.29	11.23	20.1	23.75	43.75	0.999
12.12	4.941	59.87	12.82	19.5	26.29	43.90	0.999
12.12	5.402	65.46	14.41	18.9	28.62	43.72	0.999
12.12	5.863	71.05	16.00	18.3	30.74	43.27	0.999
12.13	6.324	76.63	17.59	17.7	32.66	42.62	0.999
12.13	6.786	82.22	19.19	17.1	34.38	41.81	0.999
12.13	7.247	87.81	20.78	16.4	35.89	40.87	0.998
12.13	7.708	93.40	22.37	15.8	37.20	39.83	0.998
12.13	8.169	98.98	23.96	15.2	38.30	38.69	0.998
12.13	8.630	104.6	25.55	14.6	39.19	37.48	0.998
12.13	9.091	110.2	27.14	14.0	39.88	36.21	0.998
12.14	9.552	115.7	28.73	13.4	40.37	34.88	0.998
12.14	10.01	121.3	30.32	12.8	40.65	33.50	0.998
12.14	10.47	126.9	31.91	12.1	40.72	32.09	0.998
12.14	10.94	132.5	33.50	11.5	40.60	30.64	0.998
12.14	11.40	138.1	35.09	10.9	40.26	29.15	0.997
12.14	11.86	143.7	36.68	10.3	39.72	27.65	0.997
12.14	12.32	149.3	38.27	9.7	38.98	26.11	0.997
12.14	12.78	154.9	39.86	9.1	38.03	24.56	0.997
12.15	13.24	160.4	41.45	8.4	36.87	22.98	0.997
12.15	13.70	166.0	43.04	7.8	35.51	21.39	0.997
12.15	14.16	171.6	44.63	7.2	33.95	19.78	0.997
12.15	14.63	177.2	46.22	6.6	32.18	18.16	0.997
12.15	15.09	182.8	47.81	6.0	30.20	16.52	0.997
12.15	15.55	188.4	49.40	5.4	28.02	14.88	0.996
12.15	16.01	194.0	50.99	4.8	25.64	13.22	0.996
12.16	16.47	199.6	52.58	4.1	23.05	11.55	0.996
12.16	16.93	205.1	54.17	3.5	20.25	9.873	0.996
12.16	17.39	210.7	55.77	2.9	17.25	8.187	0.996
12.16	17.85	216.3	57.36	2.3	14.05	6.494	0.996
12.16	18.31	221.9	58.95	1.7	10.64	4.794	0.996
12.16	18.78	227.5	60.54	1.1	7.023	3.087	0.996
12.16	19.24	233.1	62.13	0.4	3.203	1.374	0.996
12.17	19.61	237.5	63.40	0.0	0.000	0.000	0.996

	U(V)	I(A)	P1(W)	T( N.m)	n(r/min)	P2(W)	EFF(%)	P.F
No-Load	12.11	1.252	15.18	0.10	24.5	0.257	1.693	1.000
Locked	12.17	19.61	237.5	63.40	0	0	0.000	0.996
Max-T	12.17	19.61	237.5	63.40	0.0	0.000	0.000	0.996
Max-P2	12.14	10.38	125.8	31.59	12.3	40.73	32.37	0.998
Max-EFF	12.12	4.849	58.76	12.51	19.6	25.79	43.90	0.999
Rating	12.12	4.123	49.96	10.00	20.6	21.56	43.15	1.000

Tester:

Test Date: 2020-7-14