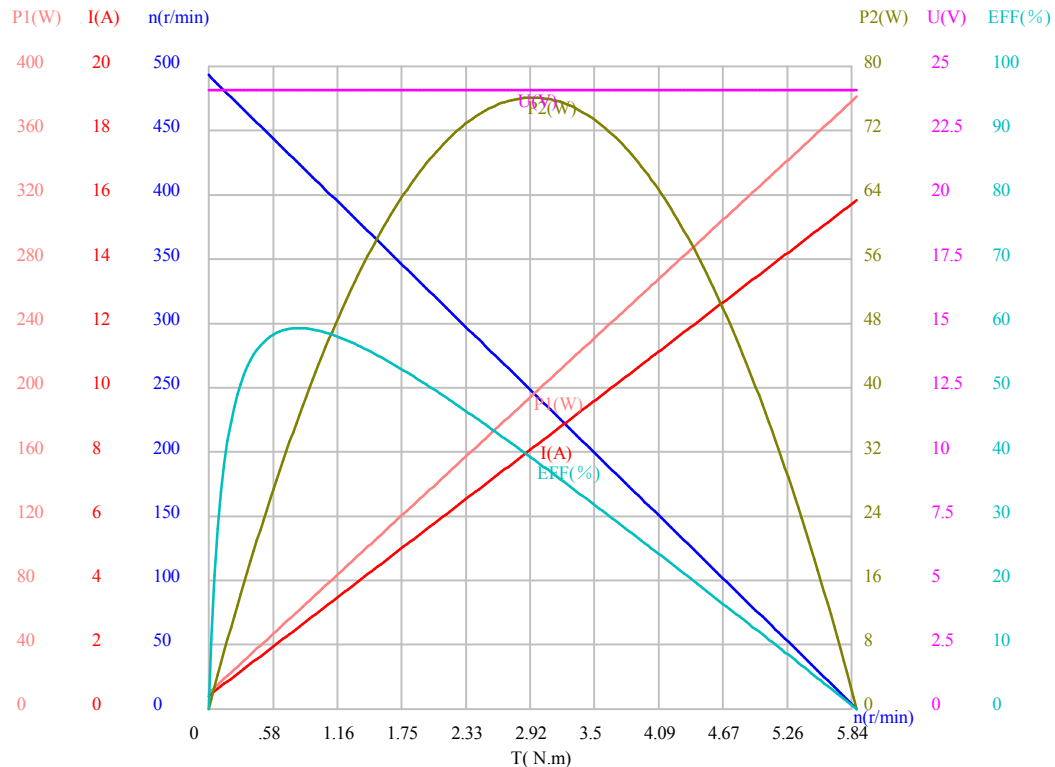


MOTOR LOAD TEST CURVE

Report No.:20200224-PG36555249500-19.2K-robu
 Deraillleur(Motor/Output):1/1
 Sample No.:

Manufacturer:robu
 Specification:24V-9500RPM
 Report No.:135956

Motor Type:PG36555249500-19.2K
 Direction: (CCW)



U(V)	I(A)	P1(W)	T(N.m)	n(r/min)	P2(W)	EFF(%)	P.F
24.07	0.397	9.565	0.000	493.3	0.000	0.000	0.999
24.07	0.785	18.90	0.143	481.0	7.208	38.13	0.999
24.07	1.173	28.24	0.291	468.6	14.30	50.65	0.999
24.07	1.561	37.58	0.439	456.2	21.01	55.92	0.999
24.07	1.949	46.91	0.588	443.8	27.33	58.27	0.999
24.07	2.337	56.25	0.736	431.4	33.27	59.15	0.999
24.07	2.725	65.58	0.884	419.0	38.82	59.20	0.999
24.07	3.113	74.92	1.033	406.6	43.99	58.72	0.999
24.07	3.501	84.26	1.181	394.2	48.78	57.89	0.999
24.07	3.889	93.59	1.329	381.8	53.17	56.81	0.999
24.07	4.277	102.9	1.478	369.4	57.19	55.56	0.999
24.07	4.665	112.3	1.626	357.0	60.81	54.17	0.999
24.07	5.053	121.6	1.774	344.6	64.05	52.68	0.999
24.07	5.440	130.9	1.923	332.2	66.91	51.10	0.999
24.07	5.828	140.3	2.071	319.8	69.38	49.46	0.999
24.07	6.216	149.6	2.220	307.4	71.47	47.77	0.999
24.07	6.604	158.9	2.368	295.0	73.17	46.03	0.999
24.07	6.992	168.3	2.516	282.6	74.49	44.26	0.999
24.07	7.380	177.6	2.665	270.2	75.42	42.46	0.999
24.07	7.768	187.0	2.813	257.8	75.96	40.63	0.999
24.07	8.156	196.3	2.961	245.4	76.13	38.78	0.999
24.07	8.544	205.6	3.110	233.0	75.90	36.91	0.999
24.07	8.932	215.0	3.258	220.6	75.29	35.02	0.999
24.07	9.320	224.3	3.406	208.2	74.30	33.12	0.999
24.07	9.708	233.6	3.555	195.8	72.92	31.21	0.999
24.07	10.10	243.0	3.703	183.4	71.15	29.28	0.999
24.07	10.48	252.3	3.851	171.0	69.00	27.35	0.999
24.07	10.87	261.6	4.000	158.6	66.47	25.40	0.999
24.07	11.26	271.0	4.148	146.2	63.55	23.45	0.999
24.07	11.65	280.3	4.296	133.8	60.24	21.49	0.999
24.07	12.04	289.7	4.445	121.4	56.55	19.52	0.999
24.07	12.42	299.0	4.593	109.0	52.47	17.55	0.999
24.07	12.81	308.3	4.742	96.6	48.01	15.57	0.999
24.07	13.20	317.7	4.890	84.2	43.17	13.59	0.999
24.07	13.59	327.0	5.038	71.9	37.94	11.60	0.999
24.07	13.98	336.3	5.187	59.5	32.32	9.609	0.999
24.07	14.36	345.7	5.335	47.1	26.32	7.613	0.999
24.07	14.75	355.0	5.483	34.7	19.93	5.614	0.999
24.07	15.14	364.4	5.632	22.3	13.16	3.611	0.999
24.07	15.53	373.7	5.780	9.9	6.002	1.606	0.999
24.07	15.84	381.2	5.899	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	24.07	0.397	9.565	0.000	493.3	0.000	0.000	0.999
Locked	24.07	15.84	381.2	5.899	0	0	0.000	0.999
Max-T	24.07	15.84	381.2	5.899	0.0	0.000	0.000	0.999
Max-P2	24.07	8.156	196.3	2.961	245.4	76.13	38.78	0.999
Max-EFF	24.07	2.570	61.85	0.825	423.9	36.65	59.26	0.999
Rating	24.07	2.112	50.83	0.650	438.6	29.85	58.72	1.000

Tester:

Test Date: 2020-2-24