

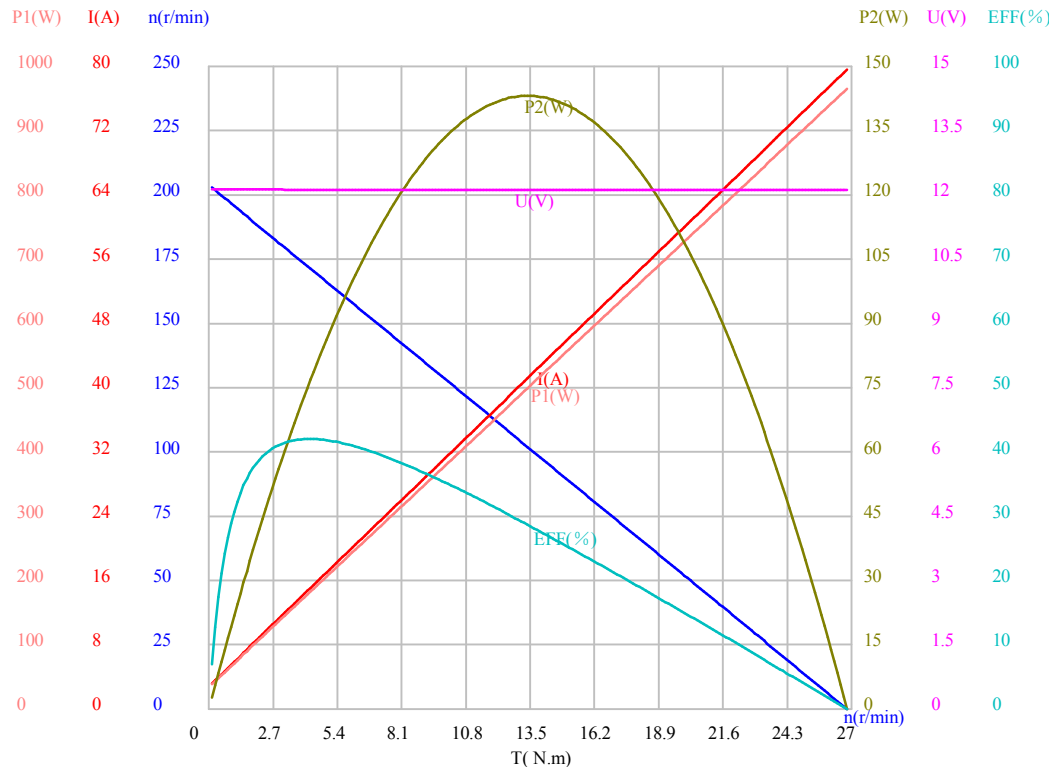
Ningbo Doncen Motor Co.,Ltd

MOTOR LOAD TEST CURVE

Report No.:20211102-PG365551219000-99.5
 Derailleur(Motor/Output):99.5/1
 Sample No.:1

Manufacturer:
 Specification:/
 Report No.:1

Motor Type:PG365551219000-99.5K-2
 Direction:逆时针(CCW)



U(V)	I(A)	P1(W)	T(N.m)	n(r/min)	P2(W)	EFF(%)	P.F
12.13	3.174	38.50	0.13	202.8	2.690	6.988	1.000
12.13	5.095	61.78	0.80	197.8	16.51	26.73	1.000
12.12	7.015	85.06	1.47	192.7	29.62	34.82	0.999
12.12	8.935	108.3	2.14	187.6	42.01	38.78	0.999
12.12	10.86	131.6	2.81	182.5	53.69	40.79	0.999
12.12	12.78	154.9	3.48	177.4	64.64	41.73	0.999
12.12	14.70	178.2	4.15	172.3	74.89	42.03	1.000
12.12	16.62	201.4	4.82	167.2	84.41	41.90	1.000
12.12	18.54	224.7	5.49	162.1	93.22	41.48	1.000
12.12	20.46	248.0	6.16	157.0	101.3	40.85	1.000
12.12	22.38	271.3	6.83	151.9	108.7	40.07	1.000
12.12	24.30	294.6	7.50	146.8	115.4	39.16	1.000
12.12	26.22	317.8	8.17	141.7	121.3	38.17	1.000
12.12	28.14	341.1	8.84	136.6	126.5	37.09	1.000
12.12	30.06	364.4	9.52	131.5	131.1	35.96	1.000
12.12	31.98	387.7	10.19	126.4	134.9	34.78	1.000
12.12	33.90	411.0	10.86	121.3	137.9	33.56	1.000
12.12	35.82	434.2	11.53	116.2	140.3	32.31	1.000
12.12	37.74	457.5	12.20	111.1	142.0	31.03	1.000
12.12	39.66	480.8	12.87	106.0	142.9	29.72	1.000
12.12	41.58	504.1	13.54	100.9	143.1	28.39	1.000
12.12	43.50	527.3	14.21	95.8	142.6	27.04	1.000
12.12	45.42	550.6	14.88	90.7	141.4	25.68	1.000
12.12	47.34	573.9	15.55	85.6	139.5	24.30	1.000
12.12	49.26	597.2	16.22	80.5	136.8	22.91	1.000
12.12	51.18	620.5	16.89	75.4	133.5	21.51	1.000
12.12	53.10	643.7	17.56	70.3	129.4	20.10	1.000
12.12	55.02	667.0	18.23	65.2	124.6	18.68	1.000
12.11	56.94	690.3	18.90	60.1	119.1	17.25	1.000
12.11	58.86	713.6	19.57	55.0	112.9	15.82	1.000
12.11	60.78	736.9	20.25	49.9	105.9	14.37	1.000
12.11	62.70	760.1	20.92	44.8	98.26	12.93	1.000
12.11	64.62	783.4	21.59	39.7	89.88	11.47	1.000
12.11	66.54	806.7	22.26	34.6	80.79	10.02	1.000
12.11	68.46	830.0	22.93	29.5	70.99	8.553	1.000
12.11	70.38	853.2	23.60	24.4	60.47	7.086	1.000
12.11	72.30	876.5	24.27	19.3	49.23	5.616	1.000
12.11	74.22	899.8	24.94	14.2	37.28	4.142	1.000
12.11	76.14	923.1	25.61	9.1	24.61	2.665	1.000
12.11	78.06	946.4	26.28	4.0	11.22	1.186	1.000
12.11	79.60	965.0	26.82	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	12.13	3.174	38.50	0.13	202.8	2.690	6.988	1.000
Locked	12.11	79.60	965.0	26.82	0	0	0.000	1.000
Max-T	12.11	79.60	965.0	26.82	0.0	0.000	0.000	1.000
Max-P2	12.12	41.20	499.4	13.41	101.9	143.1	28.66	1.000
Max-EFF	12.12	15.08	182.8	4.28	171.2	76.85	42.03	1.000
Rating	12.12	15.70	190.3	4.50	169.6	79.91	41.99	1.000

Tester:

Test Date: 2021-11-2