深圳中菱科技有限公司

Motor Load Characteristics Curve

No: FA2201080003

Motor Type: ZLLG80ASMB00-48V

Pin(W)	U(V)	I(A)
1600.0	55.0	35.0
1440.0	49.5	31.5
1280.0	44.0	28.0
1120.0	38.5	24.5
960.0	33.0	21.0
800.0	27.5	17.5
640.0	22.0	14.0
480.0	16.5	10.5
320.0	11.0	7.0
160.0	5.5	3.5

Pout(W)	N(r/min)	Eff(%)
1600.0	220.0	100
1440.0	198.0	90
1280.0	176.0	80
1120.0	154.0	70
960.0	132.0	60
800.0	110.0	50
640.0	88.0	40
480.0	66.0	30
320.0	44.0	20
160.0	22.0	10
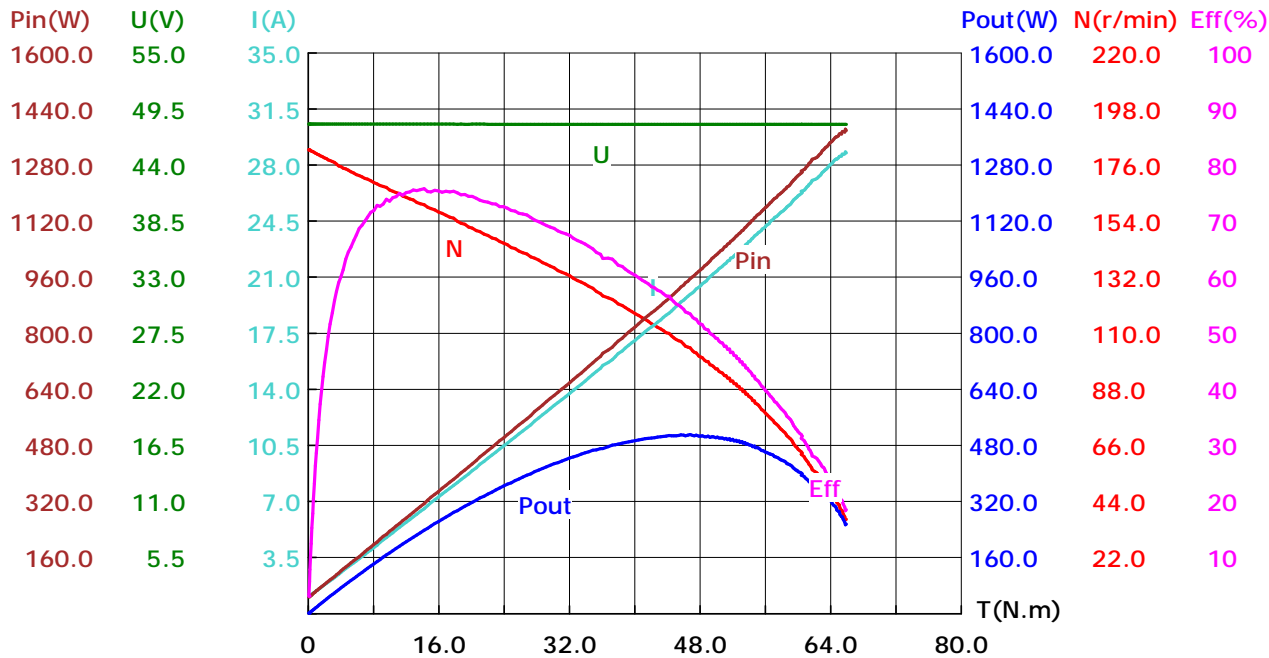
Description	T(N.m)	N(r/min)	Pout(W)	U(V)	I(A)	Pin(W)	Eff(%)
No_Load	0.08	182.1	1.52	48.02	1.103	48.16	3.2
Max_Eff	14.18	160.5	238.32	48.02	6.556	314.39	75.8
Max_Pout	46.79	104.3	511.10	48.00	19.943	955.77	53.5
Max_Torque	65.92	37.1	256.10	47.99	28.769	1379.28	18.6
The End	65.92	37.1	256.10	47.99	28.769	1379.28	18.6

T(N.m)	N(r/min)	Pout(W)	U(V)	I(A)	Pin(W)	Eff(%)
0.08	182.1	1.52	48.02	1.103	48.16	3.2
0.43	181.4	8.16	48.02	1.217	53.35	15.3
1.30	180.1	24.50	48.02	1.544	70.95	34.5
2.68	177.8	49.86	48.02	2.065	96.57	51.6
4.61	174.5	84.18	48.02	2.811	133.14	63.2
6.92	170.8	123.86	48.02	3.703	176.88	70.0
9.57	167.2	167.61	48.02	4.758	226.84	73.9
12.42	162.8	211.75	48.02	5.876	281.54	75.2
15.50	158.5	257.24	48.02	7.111	340.64	75.5
18.71	153.2	300.10	48.02	8.367	401.72	74.7
22.00	148.4	341.94	48.01	9.704	465.76	73.4
25.33	143.3	380.12	48.01	11.031	529.33	71.8
28.71	137.8	414.27	48.01	12.417	595.37	69.6
32.03	132.6	444.84	48.01	13.758	659.41	67.5
35.29	126.5	467.53	48.01	15.131	725.49	64.4
38.46	120.9	486.93	48.01	16.411	786.37	61.9
41.27	115.5	499.14	48.01	17.599	843.60	59.2
43.84	110.3	506.45	48.00	18.633	893.58	56.7
46.00	105.7	509.22	48.00	19.569	937.89	54.3
47.84	101.1	506.52	48.00	20.382	977.62	51.8
49.47	97.4	504.60	48.00	21.128	1013.55	49.8
50.98	93.4	498.63	48.00	21.821	1046.23	47.7
52.43	90.2	495.24	48.00	22.469	1077.17	46.0
53.60	86.2	483.83	48.00	23.045	1103.07	43.9
54.75	82.6	473.56	48.00	23.610	1130.25	41.9
56.01	78.7	461.58	48.00	24.155	1158.48	39.8
57.11	75.0	448.59	48.00	24.708	1184.02	37.9
58.19	71.6	436.34	48.00	25.160	1206.53	36.2
59.24	67.9	421.26	48.00	25.694	1232.30	34.2
60.21	64.0	403.56	48.00	26.156	1253.75	32.2
61.11	59.9	383.34	48.00	26.643	1276.95	30.0
62.08	55.8	362.77	47.99	27.105	1299.91	27.9
63.12	52.2	345.05	47.99	27.614	1323.86	26.1
63.99	48.1	322.32	47.99	28.057	1345.27	24.0
65.92	37.1	256.10	47.99	28.769	1379.28	18.6

Audit: