



- Brushless DC motor / Kefe nélküli egyenáramú motor

BM1318

Features:

Model / Típus: BM1318 (Brushless)

Voltage/V	36V/48V	36V/48V	48V/60V	48V/60V
Rated Power/W	350W	400W	500W	650W
No-load Current/A	≤1.5/1.3	≤1.6/1.3	≤2.0/1.8	≤2.5/2.3
No-load Speed/RPM	1300	1350	1350	1650
Rated Torque/N·m	3.18	3.63	4.5	4.3
Rated Speed/RPM	1050	1050	1050	1450
Rated Current/A	≤12.2/9.1	≤13.9/10.4	≤12.7/10.4	≤16.5/13.5
Eff./%	≥80	≥80	≥80	≥80

A motor átmérője: 125 mm, hossza: 130 mm, a tengelycsuk átmérője: 16 mm, és a súlya: 6,6 kg.

Code	Torque / N.m	Speed / RPM	Output power /W	Voltage /V	Current /A	Input power / W	Eff. / %
1	0.05	1213	6.35	48.95	1.14	55.80	11.38
2	0.10	1210	13.01	48.94	1.27	62.17	20.93
3	0.16	1208	19.65	48.92	1.40	68.53	28.67
4	0.21	1206	26.26	48.91	1.53	74.89	35.06
5	0.26	1203	32.84	48.89	1.66	81.24	40.42
6	0.31	1201	39.40	48.88	1.79	87.59	44.98
7	0.37	1199	45.94	48.87	1.92	93.94	48.90
8	0.42	1197	52.45	48.85	2.05	100.29	52.30
9	0.47	1194	58.93	48.84	2.18	106.63	55.27
10	0.52	1192	65.39	48.82	2.31	112.96	57.89
11	0.58	1190	71.83	48.81	2.44	119.30	60.21
12	0.63	1188	78.24	48.80	2.57	125.62	62.28
13	0.68	1185	84.63	48.78	2.70	131.95	64.13
14	0.73	1183	90.99	48.77	2.84	138.27	65.80
15	0.79	1181	97.32	48.75	2.97	144.59	67.31
16	0.84	1179	103.63	48.74	3.10	150.90	68.67
17	0.89	1176	109.92	48.73	3.23	157.22	69.92
18	0.94	1174	116.18	48.71	3.36	163.52	71.05
19	1.00	1172	122.42	48.70	3.49	169.83	72.08
20	1.05	1170	128.63	48.69	3.62	176.13	73.03
21	1.10	1167	134.81	48.67	3.75	182.42	73.90
22	1.16	1165	140.98	48.66	3.88	188.72	74.70
23	1.21	1163	147.11	48.64	4.01	195.01	75.44
24	1.26	1160	153.22	48.63	4.14	201.29	76.12
25	1.31	1158	159.31	48.62	4.27	207.57	76.75
26	1.37	1156	165.37	48.60	4.40	213.85	77.33
27	1.42	1154	171.41	48.59	4.53	220.13	77.87
28	1.47	1151	177.42	48.57	4.66	226.40	78.37
29	1.52	1149	183.41	48.56	4.79	232.66	78.83
30	1.58	1147	189.37	48.55	4.92	238.93	79.26
31	1.63	1145	195.30	48.53	5.05	245.19	79.65
32	1.68	1142	201.22	48.52	5.18	251.45	80.02
33	1.73	1140	207.10	48.50	5.31	257.70	80.37
34	1.79	1138	212.97	48.49	5.44	263.95	80.69
35	1.84	1136	218.80	48.48	5.57	270.19	80.98
36	1.89	1133	224.62	48.46	5.70	276.43	81.25
37	1.94	1131	230.40	48.45	5.83	282.67	81.51
38	2.00	1129	236.16	48.43	5.96	288.91	81.74
39	2.05	1127	241.90	48.42	6.10	295.14	81.96
40	2.10	1124	247.61	48.41	6.23	301.37	82.16
41	2.16	1122	253.30	48.39	6.36	307.59	82.35
42	2.21	1120	258.97	48.38	6.49	313.81	82.52
43	2.26	1117	264.60	48.36	6.62	320.03	82.68
44	2.31	1115	270.22	48.35	6.75	326.24	82.83

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45	2.37	1113	275.80	48.34	6.88	332.45	82.96
46	2.42	1111	281.37	48.32	7.01	338.65	83.08
47	2.47	1108	286.90	48.31	7.14	344.86	83.20
48	2.52	1106	292.42	48.29	7.27	351.05	83.30
49	2.58	1104	297.91	48.28	7.40	357.25	83.39
50	2.63	1102	303.37	48.27	7.53	363.44	83.47
51	2.68	1099	308.81	48.25	7.66	369.63	83.55
52	2.73	1097	314.22	48.24	7.79	375.81	83.61
53	2.79	1095	319.61	48.23	7.92	381.99	83.67
54	2.84	1093	324.97	48.21	8.05	388.17	83.72
55	2.89	1090	330.31	48.20	8.18	394.34	83.76
56	2.94	1088	335.62	48.18	8.31	400.51	83.80
57	3.00	1086	340.91	48.17	8.44	406.68	83.83
58	3.05	1084	346.18	48.16	8.57	412.84	83.85
59	3.10	1081	351.41	48.14	8.70	419.00	83.87
60	3.15	1079	356.63	48.13	8.83	425.15	83.88
61	3.21	1077	361.82	48.11	8.96	431.30	83.89
62	3.26	1074	366.98	48.10	9.09	437.45	83.89
63	3.31	1072	372.12	48.09	9.23	443.59	83.89
64	3.37	1070	377.23	48.07	9.36	449.73	83.88
65	3.42	1068	382.32	48.06	9.49	455.87	83.87
66	3.47	1065	387.39	48.04	9.62	462.00	83.85
67	3.52	1063	392.43	48.03	9.75	468.13	83.83
68	3.58	1061	397.44	48.02	9.88	474.26	83.80
69	3.63	1059	402.43	48.00	10.01	480.38	83.77
70	3.68	1056	407.39	47.99	10.14	486.50	83.74
71	3.73	1054	412.33	47.97	10.27	492.61	83.70
72	3.79	1052	417.25	47.96	10.40	498.72	83.66
73	3.84	1050	422.14	47.95	10.53	504.83	83.62
74	3.89	1047	427.00	47.93	10.66	510.94	83.57
75	3.94	1045	431.84	47.92	10.79	517.04	83.52
76	4.00	1043	436.66	47.90	10.92	523.13	83.47
77	4.05	1041	441.45	47.89	11.05	529.23	83.41
78	4.10	1038	446.21	47.88	11.18	535.32	83.35
79	4.15	1036	450.95	47.86	11.31	541.40	83.29
80	4.21	1034	455.67	47.85	11.44	547.48	83.23
81	4.26	1031	460.36	47.83	11.57	553.56	83.16
82	4.31	1029	465.02	47.82	11.70	559.64	83.09
83	4.37	1027	469.66	47.81	11.83	565.71	83.02
84	4.42	1025	474.28	47.79	11.96	571.77	82.95
85	4.47	1022	478.87	47.78	12.09	577.84	82.87
86	4.52	1020	483.43	47.77	12.22	583.90	82.79
87	4.58	1018	487.97	47.75	12.35	589.96	82.71
88	4.63	1016	492.49	47.74	12.49	596.01	82.63
89	4.68	1013	496.98	47.72	12.62	602.06	82.55

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levelezési cím: 8452 Halimba, Ady Endre u. 24.
telefonszám: 30/308-9039 E-mail: info@tech-mobile.hu



- Brushless DC motor

BM1418

Features:

Model: BM1418ZX (Brushless)

Voltage/V	36V	48V	36V	48V	48V/60V
Rated Power/W	350W	350W	500W	500W	700W
No-load Current/A	≤3.0	≤2.5	≤3.0	≤2.5	≤3.0
No-load Speed/RPM	3200	3200	3000	3000	3200
Rated Torque/N·m	1.15	1.15	1.75	1.75	2.38
Rated Speed/RPM	2900	2900	2700	2700	2800
Rated Current/A	≤12.5	≤9.5	≤17.8	≤13.4	≤29.0/15.0
Eff./%	≥80	≥80	≥80	≥80	≥80
reduction ratio	6:1				