

GL三相异步电动机



技术参数

TECHNICAL DATA OF GL SERIES

NO.	Frame reference and size	Rated power		Full load current at rated voltage			Full load speed in revolutions per minute	Frequency at constant power	Direct on line starting torque ratio	Direct on line pull out torque ratio	Direct on line starting current ratio	Efficiency	Power factor	Mean sound pressure level @1m on no load	Weight	Rotor inertia WK ²
		kW	HP	380V	400V	415V										
1	GL561-2	0.09	0.12	0.29	0.27	0.26	2700	50	2.2	2.1	5.2	62	0.77	57	3.8	0.00018
2	GL562-2	0.12	0.16	0.37	0.35	0.33	2700	50	2.2	2.1	5.2	64	0.78	57	4	0.00023
3	GL63M1-2	0.18	0.25	0.53	0.5	0.49	2720	50	2.3	2.3	5.5	65	0.8	61	4.5	0.00031
4	GL63M2-2	0.25	0.34	0.69	0.65	0.63	2720	50	2.3	2.3	5.5	68	0.81	61	4.7	0.0006
5	GL71M1-2	0.37	0.5	1.01	0.96	0.92	2755	50	2.2	2.3	6.1	69	0.81	64	6	0.00075
6	GL71M2-2	0.55	0.75	1.38	1.3	1.26	2790	50	2.3	2.3	6.1	74	0.82	64	6.3	0.0009
7	GL80M1-2	0.75	1	1.77	1.67	1.6	2845	50	2.3	2.2	6.1	75	0.83	67	10	0.0012
8	GL80M2-2	1.1	1.5	2.61	2.34	2.24	2835	50	2.3	2.2	6.9	76.2	0.84	67	11	0.0014
9	GL90S-2	1.5	2	3.46	3.29	3.15	2850	50	2.3	2.2	7	78.5	0.84	72	13	0.0029
10	GL90L-2	2.2	3	4.85	4.6	4.4	2855	50	2.3	2.2	7	81	0.85	72	14	0.0055
11	GL100L-2	3	4	6.34	6.02	5.77	2860	50	2.3	2.2	7.5	82.6	0.87	76	24	0.0109
12	GL112M2-4	4	5.5	8.2	7.8	7.46	2880	50	2.3	2.2	7.5	84.2	0.88	77	28	0.0126
13	GL132S1-2	5.5	7.5	11.1	10.5	10.1	2900	50	2.3	2.2	7.5	85.7	0.88	80	40	0.0377
14	GL132S2-2	7.5	10	14.9	14.15	13.56	2900	50	2.3	2.2	7.5	87	0.88	80	43	0.0499
15	GL160M1-2	11	15	21.3	20.2	19.4	2930	50	2.3	2.2	7.5	88	0.89	86	83	0.055
16	GL160M2-2	15	20	28.8	27.4	26.2	2930	50	2.3	2.2	7.5	89	0.89	86	90	0.075
17	GL160L-2	18.5	25	34.7	32.97	31.6	2930	50	2.3	2.2	7.5	90	0.89	86	104	0.124
18	GL561-4	0.06	0.08	0.23	0.22	0.21	1300	50	2.1	2	4	56	0.7	48	3.8	0.0003
19	GL562-4	0.09	0.12	0.33	0.31	0.3	1300	50	2.1	2	4	58	0.72	48	4	0.0004
20	GL63M1-4	0.12	0.18	0.44	0.42	0.4	1310	50	2.2	2.1	4.4	57	0.72	52	4.5	0.0005
21	GL63M2-4	0.18	0.25	0.62	0.59	0.56	1310	50	2.2	2.1	4.4	60	0.73	52	4.7	0.0006
22	GL71M1-4	0.25	0.34	0.79	0.75	0.72	1340	50	2.2	2.1	5.2	65	0.74	55	6	0.0008
23	GL71M2-4	0.37	0.5	1.12	1.1	1	1340	50	2.2	2.1	5.2	67	0.75	55	6.3	0.0013
24	GL80M1-4	0.55	0.75	1.52	1.44	1.38	1390	50	2.3	2.4	5.2	71	0.75	58	10	0.0018
25	GL80M2-4	0.75	1	1.95	1.85	1.77	1390	50	2.3	2.3	6	73	0.76	58	11	0.0021
26	GL90S-4	1.1	1.5	2.85	2.7	2.6	1390	50	2.3	2.3	6	76.2	0.77	61	12	0.0023
27	GL90L-4	1.5	2	3.72	3.53	3.39	1400	50	2.3	2.3	6	78.5	0.78	61	14	0.0027
28	GL100L1-4	2.2	3	5.09	4.83	4.6	1420	50	2.3	2.3	7	81	0.81	64	23	0.0054
29	GL100L2-4	3	4	6.78	6.4	6.17	1420	50	2.3	2.3	7	82.6	0.82	64	25	0.0067
30	GL112M4-4	4	5.5	8.8	8.36	8	1435	50	2.3	2.3	7	84.2	0.82	65	29	0.0095
31	GL132S4-4	5.5	7.5	11.7	11.12	10.65	1440	50	2.3	2.3	7	85.7	0.83	71	43	0.0214
32	GL132M4-4	7.5	10	15.6	14.8	14.2	1450	50	2.3	2.3	7	87	0.84	71	55	0.0296
33	GL160M4-4	11	15	22.3	21.2	20.3	1460	50	2.3	2.3	7	88	0.85	75	86	0.0747
34	GL160L-4	15	20	30.1	28.6	27.4	1460	50	2.3	2.3	7	89	0.85	75	100	0.0918
35	GL171M1-6	0.18	0.25	0.74	0.7	0.67	870	50	2	1.9	4	56	0.66	52	6	0.0011
36	GL171M2-6	0.25	0.34	0.95	0.9	0.86	870	50	2	1.9	4	59	0.68	52	6.3	0.0014
37	GL80M1-6	0.37	0.5	1.23	1.17	1.12	880	50	2	1.9	4.7	62	0.7	54	10	0.0016
38	GL80M2-6	0.55	0.75	1.7	1.6	1.55	880	50	2.1	1.9	4.7	65	0.72	54	11	0.0019
39	GL90S-6	0.75	1	2.29	2.18	2.08	905	50	2.1	2	5.3	69	0.72	57	13	0.0029
40	GL90L-6	1.1	1.5	3.18	3.02	2.9	905	50	2.1	2	5.5	72	0.73	57	14	0.0035
41	GL100L-6	1.5	2	4	3.8	3.64	920	50	2.1	2	5.5	76	0.76	61	23	0.0069
42	GL112M6-6	2.2	3	5.6	5.32	5.1	935	50	2.1	2	6.5	79	0.76	65	28	0.014
43	GL132S6-6	3	4	7.4	7.03	6.73	960	50	2.1	2.1	6.5	81	0.76	69	38	0.0286
44	GL132M6-6	4	5.5	9.5	9.03	8.65	960	50	2.1	2.1	6.5	82	0.76	69	50	0.0357
45	GL132M2-6	5.5	7.5	12.6	11.97	11.16	960	50	2.1	2.1	6.5	84	0.77	69	57	0.0449
46	GL160M6-6	7.5	10	16.9	16.1	15.6	970	50	2.1	2	6.5	86	0.78	73	82	0.081
47	GL160L-6	11	15	24.2	22.99	22.02	970	50	2.1	2	6.5	87.5	0.79	73	93	0.0116
48	GL80M1-8	0.18	0.25	0.83	0.79	0.75	645	50	1.9	1.8	3.3	51	0.61	52	10	0.0025
49	GL80M2-8	0.25	0.34	1.1	1.05	1	645	50	1.9	1.8	3.3	54	0.61	52	11	0.003
50	GL90S-8	0.37	0.5	1.49	1.4	1.36	675	50	1.9	1.8	4	62	0.61	56	13	0.0051
51	GL90L-8	0.55	0.75	2.17	2.06	2	680	50	2	1.8	4	63	0.61	56	15	0.0065
52	GL100L1-8	0.75	1	2.43	2.3	2.2	680	50	2	1.8	4	70	0.67	59	23	0.0095
53	GL100L2-8	1.1	1.5	3.36	3.2	3.06	680	50	2	1.8	5	72	0.69	59	25	0.011
54	GL112M8-8	1.5	2	4.4	4.22	4.04	690	50	2	1.8	5	74	0.7	61	28	0.0245
55	GL132S8-8	2.2	3	6	5.7	5.46	710	50	2	1.8	6	79	0.71	64	40	0.0314
56	GL132M8-8	3	4	7.8	7.4	7.1	710	50	2	1.8	6	80	0.73	64	45	0.0395
57	GL160M8-8	4	5.5	10.3	9.78	9.37	720	50	2	1.9	6	81	0.73	68	71	0.0753
58	GL160M2-8	5.5	7.5	13.6	12.9	12.38	720	50	2	2	6.5	83	0.74	68	82.5	0.0931
59	GL100L1-10	0.25	0.34	1.33	1.28	1.22	530	50	1.2	1.7	3.2	55	0.52	59		0.0057
60	GL100L2-10	0.37	0.5	1.89	1.8	1.73	530	50	1.2	1.7	3.2	56	0.53	59		0.0073
61	GL112M1-10	0.55	0.75	2.5	2.37	2.29	540	50	1.2	1.7	3.4	62	0.54	61		0.0101
62	GL112M2-10	0.75	1	3.3	3.12	3.01	540	50	1.2	1.7	3.4	63	0.55	61		0.0123
63	GL132S10-10	1.1	1.5	4.4	4.2	4	550	50	1.2	1.7	3.6	69	0.55	64		0.0274
64	GL132M10-10	1.5	2	5.7	5.5	5.2	565	50	1.2	1.7	3.6	71	0.56	64		0.0351
65	GL160M10-10	2.2	3	7.7	7.3	7.1	575	50	1.3	1.8	4	76	0.57	68		0.0442
66	GL160M2-10	3	4	10.2	9.7	9.4	575	50	1.3	1.8	4	77	0.58	68		0.0841
67	GL100L1-12	0.25	0.34	1.55	1.47	1.42	420	50	1.1	1.7	2.8	50	0.49	59		0.0074
68	GL100L2-12	0.37	0.5	2.21	2.1	2.02	425	50	1.1	1.7	2.8	52	0.49	59		0.0103
69	GL112M1-12	0.55	0.75	3.01	2.84	2.74	435	50	1.1	1.7	3.2	57	0.49	61		0.0126
70	GL132S12-12	0.75	1	3.6	3.4	3.3	440	50	1.1	1.7	3.4	63	0.5	61		0.028
71	GL132S2-12	1.1	1.5	5.1	4.9	4.7	450	50	1.1	1.7	3.4	65	0.5	64		0.0359
72	GL132M12-12	1.5	2	6.7	6.3	6.1	460	50	1.1	1.7	3.5	68	0.5	64		0.0452
73	GL160M12-12	2.2	3	9	8.5	8.2	465	50	1.1	1.8	4	74	0.5	68		0.0861
74	GL160L12-12	3	4	12.2	11.6	11.2	470	50	1.1	1.8	4	74.5	0.5	68		0.1065
75	GL112M1-16	0.25	0.34	1.52	1.44	1.39	310	50	0.9	1.6	2.5	48	0.47	61		0.0285
76	GL112M2-16	0.37	0.5	2.34	2.22	2.14	315	50	0.9	1.6	2.5	48.5	0.47	64		0.0366
77	GL132M16-16	0.55	0.75	3.2	3	2.9	330	50	0.9	1.6	2.7	54	0.48	64		0.046
78	GL160M1-16	0.75	1	3.8	3.6	3.4	340	50	0.9	1.6	2.8	62	0.48	68		0.0877
79	GL160M2-16	1.1	1.5	5.4	5.1	4.9	345	50	0.9	1.6	2.8	64	0.48	68		0.1084
80	GL160L-16	1.5	2	7.1	6.7	6.5	345	50	0.9	1.6	2.8	66	0.48	70		0.1467

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