

Standard 4-pole three-phase cage induction motors, IEC 60072-1 power series. The overload setting equals the motor's full load current; adjust only for the starting conditions noted below.

Motor power	FLA at 400 V (A)	FLA at 415 V (A)	Overload setting (A)	Recommended MPCB	Setting range (A)
0.37 kW/ 0.5 hp	1.1	1.1	1.1	GV2M06C	1.0–1.6
0.55 kW/ 0.75 hp	1.4	1.3	1.4	GV2M06C	1.0–1.6
0.75 kW/ 1 hp	1.9	1.8	1.9	GV2M07C	1.6–2.5
1.1 kW/ 1.5 hp	2.6	2.5	2.6	GV2M08C	2.5–4.0
1.5 kW/ 2 hp	3.5	3.4	3.5	GV2M08C	2.5–4.0
2.2 kW/ 3 hp	5	4.8	5	GV2M10C	4.0–6.3
3 kW/ 4 hp	6.6	6.4	6.6	GV2M14C	6.0–10.0
4 kW/ 5.5 hp	8.5	8.2	8.5	GV2M14C	6.0–10.0
5.5 kW/ 7.5 hp	11.5	11.1	11.5	GV2M18C	9.0–14.0
7.5 kW/ 10 hp	14.5	14	14.5	GV2M20C	13.0–18.0
11 kW/ 15 hp	22	21.2	22	GV2M22C	20.0–25.0
15 kW/ 20 hp	29	28	29	GV2M32C	24.0–32.0
18.5 kW/ 25 hp	35	33.7	—	Contact us	—
22 kW/ 30 hp	41	39.5	41	GV3-M	40–63
30 kW/ 40 hp	55	53	55	GV3-M	40–63
37 kW/ 50 hp	66	63.6	—	Outside our MPCB range	—
45 kW/ 60 hp	80	77.1	—	Outside our MPCB range	—
55 kW/ 75 hp	98	94.5	—	Outside our MPCB range	—
75 kW/ 100 hp	135	130.1	—	Outside our MPCB range	—

Reading the chart. Values are typical full load currents for standard motors, not nameplate guarantees. Current varies with efficiency class and power factor — a motor of the same rating can differ by 5–10%. Always confirm against the nameplate before ordering.

400 V and 415 V. If the motor is rated 415 V, keep the same model and set the dial to the 415 V current; the model rarely changes between the two voltages.

18.5 kW. Its full load current of about 35 A falls between the GV2-M range (up to 32 A) and the GV3-M range (from 40 A), so no single unit covers it directly. Send us the nameplate and we will confirm a selection.

Above 30 kW. Ratings from 37 kW up are beyond the GV2-M / GV3-M current range; the currents are listed for reference only.

Other voltages. For 60 Hz or non-standard voltages, recalculate from the motor nameplate — this chart does not apply.