

Single phase AC Motors Full-Load Current in Amperes (see Notes (1) to (4))

| HP Rating | 115 V | 230 V |
|-----------|-------|-------|
| 1/6 | 4.4 | 2.2 |
| 1/4 | 5.8 | 2.9 |
| 1/3 | 7.2 | 3.6 |
| 1/2 | 9.8 | 4.9 |
| 3/4 | 13.8 | 6.9 |
| 1 | 16 | 8 |
| 1.5 | 20 | 10 |
| 2 | 24 | 12 |
| 3 | 34 | 17 |
| 5 | 56 | 28 |
| 7.5 | 80 | 40 |
| 10 | 100 | 50 |

Notes:

1 For full-load currents of 208 and 200 V motors, increase the corresponding 230 V motor full-load current by 10 and 15% respectively

2 These values of motor full-load current are to be used as guides only. Where exact values are required (e.g., for motor protection), always use those appearing on the motor nameplate.

3 These values of full-load current are for motors running at usual speeds and motors with normal torque characteristics. Motors built for especially low speeds or high torques may have higher full-load currents, and multi speed motors will have full-load current varying with speed, in which case the nameplate current ratings shall be used.

4 The voltages listed are rated motor voltages. Corresponding Nominal System Voltages are 120 and 240 V. Refer to CSA Standard CAN3-C235-M83, Preferred Voltage Level for AC Systems, 0 to 50,000 volts.

Three-phase AC Motors Full-Load Current in Amperes Induction Type, Squirrel Cage and Wound Rotor

| HP Rating | 115 V | 230 V | 460 V | 575 V | 2300 V |
|-----------|-------|-------|-------|-------|--------|
| 1/2 | 4 | 2 | 1 | .8 | |
| 1/4 | 5.6 | 2.8 | 1.4 | 1.1 | |
| 1 | 7.2 | 3.6 | 1.8 | 1.4 | |
| 1 1/2 | 10.4 | 5.2 | 2.6 | 2.1 | |
| 2 | 13.6 | 6.8 | 3.4 | 2.7 | |
| 3 | | 9.6 | 4.8 | 3.9 | |
| 5 | | 15.2 | 7.6 | 6.1 | |
| 7 1/2 | | 22 | 11 | 9 | |
| 10 | | 28 | 14 | 11 | |
| 15 | | 42 | 21 | 17 | |
| 20 | | 54 | 27 | 22 | |
| 25 | | 68 | 34 | 27 | |
| 30 | | 80 | 40 | 32 | |
| 40 | | 104 | 52 | 41 | |
| 50 | | 130 | 65 | 52 | |
| 60 | | 154 | 77 | 62 | 16 |
| 75 | | 192 | 96 | 77 | 20 |
| 100 | | 248 | 124 | 99 | 26 |

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