



## Motor Current Ratings

HP	115 Volts	200 Volts	208 Volts	230 Volts
1/6	4.4	2.5	2.4	2.2
1/4	5.8	3.3	3.2	2.9
1/3	7.2	4.1	4.0	3.6
1/2	9.8	5.6	5.4	4.9
3/4	13.8	7.9	7.6	6.9
1	16	9.2	8.8	8.0
1 1/2	20	11.5	11.0	10
2	24	13.8	13.2	12
3	34	19.6	18.7	17
5	56	32.2	30.8	28
7 1/2	80	46.0	44.0	40
10	100	57.5	55.0	50

Table 430.148: Full Load Currents in Amperes, Single-Phase Alternating-Current Motors (Always refer to motor nameplate data when available)

Table 430.150: Full Load Current, Three-Phase Alternating-Current Motors (Always refer to motor nameplate data when available)

Note: The information in the above table was derived from Tables 430-148 and 430-150 in the 2002 National Electrical Code Handbook. This table is for reference only and complete information should be obtained from the appropriate agency.

HP	115 Volts	200 Volts	208 Volts	230 Volts	460 Volts	575 Volts	2300 Volts
1/2	4.4	2.5	2.4	2.2	1.1	0.9	-
1/4	6.4	3.7	3.5	3.2	1.6	1.3	-
1	8.4	4.8	4.6	4.2	2.1	1.7	-
1 1/2	12.0	6.9	6.6	6.0	3.0	2.4	-
2	13.6	7.8	7.5	6.8	3.4	2.7	-
3	-	11.0	10.6	9.6	4.8	3.9	-
5	-	17.5	16.7	15.2	7.6	6.1	-
7 1/2	-	25.3	24.2	22	11	9	-
10	-	32.2	30.8	28	14	11	-
15	-	48.3	46.2	42	21	17	-
20	-	62.1	59.4	54	27	22	-
25	-	78.2	74.8	68	34	27	-
30	-	92	88	80	40	32	-
40	-	120	114	104	52	41	-
50	-	150	143	130	65	52	-
60	-	177	169	154	77	62	16
75	-	221	211	192	96	77	20
100	-	285	273	248	124	99	26
125	-	359	343	312	156	125	31
150	-	414	396	312	156	125	31
200	-	552	528	480	240	192	49
250	-	-	-	-	302	242	60
300	-	-	-	-	361	289	72
350	-	-	-	-	414	336	83
400	-	-	-	-	477	382	95
450	-	-	-	-	515	412	103
500	-	-	-	-	590	472	118