Table 44
Three-phase ac motors
(See Rules 28-010 and 28-704.)

Three-phase	AC motor full load current, A [see Notes 1), 2), and 4)]											
	Induction type, squirrel-cage and wound rotor, A							Synchronous type, unity power factor [see Note 3)], A				
Motor rating, hp	115 V	200 V	208 V	230 V	460 V	575 V	2300 V	200 V	230 V	460 V	575 V	2300 V
1/2	4.4	2.5	2.4	2.2	1	0.9	—	—	—	—	—	—
3/4	6.4	3.7	3.5	3.2	1.4	1.3	—	—	—	—	—	—
1	8.4	4.8	4.6	4.2	1.8	1.7	—	—	—	—	—	—
1-1/2	12.0	6.9	6.6	6.0	2.6	2.4	—	—	—	—	—	—
2	13.6	7.8	7.5	6.8	3.4	2.7	—	—	—	—	—	—
3	19.2	11.0	10.6	9.6	4.8	3.9	—	—	—	—	—	—
5	30.4	17.5	16.7	15.2	7.6	6.1	—	—	—	—	—	—
7-1/2	44	25.3	24.2	22	11	9	—	—	—	—	—	—
10	56	32.2	30.8	28	14	11	—	—	—	—	—	—
15	84	48.3	46.2	42	21	17	—	—	—	—	—	—
20	108	62.1	59.4	54	27	22	—	—	—	—	—	—
25	136	78.2	74.8	68	34	27	—	62	54	27	22	—
30	160	92	88	80	40	32	—	75	65	33	26	—
40	208	120	114	104	52	41	—	99	86	43	35	—
50	260	150	143	130	65	52	—	124	108	54	44	—

(Continued)

Table 44 (Concluded)

Three-phase	AC motor full load current, A [see Notes 1), 2), and 4)]											
Motor rating, hp	Induction type, squirrel-cage and wound rotor, A							Synchronous type, unity power factor [see Note 3)], A				
	115 V	200 V	208 V	230 V	460 V	575 V	2300 V	200 V	230 V	460 V	575 V	2300 V
60	—	177	169	154	77	62	16	147	128	64	51	12
75	—	221	211	192	96	77	20	185	161	81	65	15
100	—	285	273	248	124	99	26	243	211	106	85	20
125	—	359	343	312	156	125	31	304	264	132	106	25
150	—	414	396	360	180	144	37	—	—	158	127	30
200	—	552	528	480	240	192	49	—	—	210	168	40
250	—	—	—	604	302	242	—	—	—	—	—	—
300	—	—	—	722	361	289	—	—	—	—	—	—
350	—	—	—	828	414	336	—	—	—	—	—	—
400	—	—	—	954	477	382	—	—	—	—	—	—
450	—	—	—	1030	515	412	—	—	—	—	—	—
500	—	—	—	1180	590	472	—	—	—	—	—	—

Notes:

1) *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 the values on the motor nameplate.*
2) *These values of motor full load current are for motors running at speeds typical for belted motors and motors with normal torque characteristics. Motors built for especially low speeds or high torques may require more running current, and multi-speed motors have full load current varying with speed, in which case the nameplate current ratings shall be used.*
3) *For 90 and 80% power factor, multiply the values in this Table by 1.1 and 1.25, respectively.*
4) *The voltages listed are rated motor voltages. Corresponding nominal system voltages are 120, 208, 240, 480, and 600 V. Refer to CSA CAN3-C235.*

Table 45
Single-phase ac motors
(See Rules 28-010 and 28-704.)

Single-phase ac motors full load current, A [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
1-1/2	20	10
2	24	12
3	34	17
5	56	28
7-1/2	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 the values on the motor nameplate.*
3) *These values of full load current are for motors running at their 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 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 CAN3-C235.*