



Induction Motor Current Rating

(1-Phase and 3-Phase @60Hz) (UL 508)

HP	1-phase		3-phase		
	110V	220V	220V	440V	600V
1/4	5.8	2.9			
1/3	7.2	3.6			
1/2	9.8	4.9	2.0	1.0	0.8
3/4	13.8	6.9	2.8	1.4	1.1
1	16.0	8.0	3.6	1.8	1.4
1 1/2	20.0	10.0	5.2	2.6	2.1
2	24.0	12.0	6.8	3.4	2.7
3	34.0	17.0	9.6	4.8	3.9
5	56.0	28.0	15.2	7.6	6.1
7 1/2	80.0	40.0	22.0	11.0	9.0
10	100.0	50.0	28.0	14.0	11.0
15	136.0	68.0	42.0	21.0	17.0
20		88.0	54.0	27.0	22.0
25		110.0	68.0	34.0	27.0
30		136.0	80.0	40.0	32.0
40		176.0	104.0	52.0	41.0
50		216.0	130.0	65.0	52.0
60			154.0	77.0	62.0
75			192.0	96.0	77.0
100			248.0	124.0	99.0
125			312.0	156.0	125.0
150			360.0	180.0	144.0
200			480.0	240.0	192.0
250			604.0	302.0	242.0

Note: the values in this table must be used as a guide only. Actual current may be different from the average calculated values above, especially in case of motors having a special construction, or special purpose. Always check the rated current value appearing on the motor nameplate.