



## FULL LOAD CURRENTS

Single phase dry-type transformers

kVA	Amperes					
	120V	240V	480V	600V	2400V	4160V
0.5	4.17	2.08	1.04	0.83		
0.75	6.25	3.13	1.56	1.25		
1	8.33	4.17	2.08	1.67		
1.5	12.5	6.25	3.13	2.5		
3	25	12.5	6.25	5	1.25	0.72
5	41.7	20.8	10.4	8.33	2.08	1.2
7.5	62.5	31.3	15.6	12.5	3.13	1.8
10	83.3	41.7	20.8	16.7	4.17	2.4
15	125	62.5	31.3	25	6.25	3.61
25	208	104	52.1	41.7	10.4	6.01
37.5	313	156	78.1	62.5	15.6	9.01
50	417	208	104	83.3	20.8	12
75	625	313	156	125	31.3	18
100	833	417	208	167	41.7	24
150	1250	625	313	250	62.5	36
167	1392	696	348	278	69.6	40.1
250	2083	1042	521	417	104	60.1
333	2775	1388	694	555	139	80

Note: Rated line Amps @ 60 Hz

For other kVA ratings or voltages:

**Single Phase**

$$\text{Amperes} = \frac{\text{kVA} \times 1000}{\text{Volts}}$$

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**Three Phase**

$$\text{Amperes} = \frac{\text{kVA} \times 1000}{\text{Volts} \times 1.732}$$



## FULL LOAD CURRENTS

Three phase dry-type transformers

kVA	Amperes					
	208V	240V	480V	600V	2400V	4160V
3	8.33	7.22	3.61	2.89	0.72	0.42
6	16.7	14.4	7.22	5.77	1.44	0.83
9	25	21.7	10.8	8.66	2.17	1.25
15	41.6	36.1	18	14.4	3.61	2.08
30	83.3	72.2	36.1	28.9	7.22	4.16
45	125	108	54.1	43.3	10.8	6.25
75	208	180	90.2	72.2	18	10.4
100	278	241	120	96.2	24.1	13.9
112.5	312	271	135	108	27.1	15.6
150	416	361	180	144	36.1	20.8
225	625	541	271	217	54.1	31.2
300	833	722	361	289	72.2	41.6
450	1249	1082	541	433	108	62.4
500	1388	1203	601	481	120	69.4
600	1665	1443	722	577	144	83.3
750	2082	1804	902	722	180	104
1000	2776	2406	1203	962	241	139
1500	4164	3609	1804	1443	361	208
2000	5552	4811	2406	1925	481	278
2500	6940	6014	3007	2406	601	347
3000	8327	7217	3608	2887	722	416

Note: Rated line Amps @ 60 Hz