

Full Load Current in Amperes

Single Phase Low Voltage Dry Type Transformers

kVA	Rated Line-to-Line Voltage									
	120	208	220	240	277	380	400	416	480	600
0.25	2.08	1.20	1.14	1.04	0.90	0.66	0.63	0.60	0.52	0.42
0.5	4.17	2.40	2.27	2.08	1.81	1.32	1.25	1.20	1.04	0.83
0.75	6.25	3.60	3.41	3.13	2.71	1.97	1.88	1.80	1.56	1.25
1	8.33	4.80	4.55	4.17	3.61	2.63	2.50	2.40	2.08	1.67
1.5	12.5	7.21	6.82	6.25	5.42	3.95	3.75	3.61	3.13	2.5
2	16.7	9.61	9.09	8.33	7.22	5.26	5	4.81	4.17	3.33
3	25	14.4	13.6	12.5	10.8	7.9	7.5	7.21	6.25	5
5	41.7	24	22.7	20.8	18.1	13.2	12.5	12	10.4	8.33
7.5	62.5	36	34.1	31.3	27.1	19.7	18.8	18	15.6	12.5
10	83.3	48	45.5	41.7	36.1	26.3	25	24	20.8	16.7
15	125	72.1	68.2	62.5	54.2	39.5	37.5	36.1	31.3	25
25	208	120	114	104	90.3	65.8	62.5	60	52.1	41.7
37.5	313	180	171	156	135	98.7	93.8	90.1	78.1	62.5
50	417	240	227	208	181	132	125	120	104	83.3
75	625	360	341	313	271	197	188	180	156	125
100	833	480	455	417	361	263	250	240	208	167
167	1392	802	759	696	603	440	418	401	348	278
250	2083	1201	1136	1042	903	658	625	600	521	417
333	2775	1601	1514	1388	1202	876	833	801	694	555

Formula: Single Phase kVA – Volts x Load Amperes/1000

Three Phase Low Voltage Dry Type Transformers

kVA	Rated Line-to-Line Voltage							
	208	220	240	380	400	416	480	600
3	8.33	7.87	7.22	4.56	4.33	4.16	3.61	2.89
6	16.7	15.7	14.4	9.12	8.66	8.33	7.22	5.78
9	25	23.6	21.7	13.7	13	12.5	10.8	8.66
15	41.6	39.4	36.1	22.8	21.7	20.8	18	14.4
30	83.3	78.7	72.2	45.6	43.3	41.6	36.1	28.9
45	125	118	108	68.3	65	62.5	54.1	43.3
75	208	197	180	114	108	104	90.2	72.2
112.5	312	295	271	171	162	156	135	108
150	416	394	361	228	217	208	180	144
225	625	590	541	342	325	312	271	217
300	833	787	722	455	433	416	361	289
500	1388	1312	1203	760	722	694	601	481
750	2082	1968	1804	1140	1083	1041	902	722
1000	2776	2624	2406	1519	1443	1388	1203	962

Formula: Three Phase kVA – Volts x Load Amperes x 1.73/1000