

SAUNDERS ELECTRIC INC.

| SINGLE PHASE TRANSFORMERS | | | | | | | |
|---------------------------|---------|---------|---------|--------|--------|--------|-------|
| Full Load Currents | | | | | | | |
| Voltage | | | | | | | |
| KVA | 120 | 240 | 480 | 2400 | 4160 | 4800 | 12000 |
| 3 | 25.00 | 12.50 | 6.25 | 1.25 | 0.72 | 0.63 | 0.25 |
| 5 | 41.67 | 20.83 | 10.42 | 2.08 | 1.20 | 1.04 | 0.42 |
| 8 | 62.50 | 31.25 | 15.63 | 3.13 | 1.80 | 1.56 | 0.63 |
| 10 | 83.33 | 41.67 | 20.83 | 4.17 | 2.40 | 2.08 | 0.83 |
| 15 | 125.00 | 62.50 | 31.25 | 6.25 | 3.61 | 3.13 | 1.25 |
| 25 | 208.33 | 104.17 | 52.08 | 10.42 | 6.01 | 5.21 | 2.08 |
| 30 | 250.00 | 125.00 | 62.50 | 12.50 | 7.21 | 6.25 | 2.50 |
| 37.5 | 312.50 | 156.25 | 78.13 | 15.63 | 9.01 | 7.81 | 3.13 |
| 50 | 416.67 | 208.33 | 104.17 | 20.83 | 12.02 | 10.42 | 4.17 |
| 75 | 625.00 | 312.50 | 156.25 | 31.25 | 18.03 | 15.63 | 6.25 |
| 100 | 833.33 | 416.67 | 208.33 | 41.67 | 24.04 | 20.83 | 8.33 |
| 125 | 1041.67 | 520.83 | 260.42 | 52.08 | 30.05 | 26.04 | 10.42 |
| 167.5 | 1395.83 | 697.92 | 348.96 | 69.79 | 40.26 | 34.90 | 13.96 |
| 200 | 1666.67 | 833.33 | 416.67 | 83.33 | 48.08 | 41.67 | 16.67 |
| 250 | 2083.33 | 1041.67 | 520.83 | 104.17 | 60.10 | 52.08 | 20.83 |
| 333 | 2775.00 | 1387.50 | 693.75 | 138.75 | 80.05 | 69.38 | 27.75 |
| 500 | 4166.67 | 2083.33 | 1041.67 | 208.33 | 120.19 | 104.17 | 41.67 |

KVA = E x I / 1000

| THREE PHASE TRANSFORMERS | | | | | | | |
|--------------------------|---------|---------|---------|---------|--------|--------|--------|
| Full Load Currents | | | | | | | |
| Voltage Line to Line | | | | | | | |
| KVA | 208 | 240 | 480 | 380 | 2400 | 4800 | 12000 |
| 3 | 8.33 | 7.22 | 3.61 | 4.56 | 0.72 | 0.36 | 0.14 |
| 6 | 16.65 | 14.43 | 7.22 | 9.12 | 1.44 | 0.72 | 0.29 |
| 9 | 24.98 | 21.65 | 10.83 | 13.67 | 2.17 | 1.08 | 0.43 |
| 15 | 41.64 | 36.09 | 18.04 | 22.79 | 3.61 | 1.80 | 0.72 |
| 20 | 55.52 | 48.11 | 24.06 | 30.39 | 4.81 | 2.41 | 0.96 |
| 25 | 69.40 | 60.14 | 30.07 | 37.98 | 6.01 | 3.01 | 1.20 |
| 30 | 83.27 | 72.17 | 36.09 | 45.58 | 7.22 | 3.61 | 1.44 |
| 45 | 124.91 | 108.26 | 54.13 | 68.37 | 10.83 | 5.41 | 2.17 |
| 50 | 138.79 | 120.28 | 60.14 | 75.97 | 12.03 | 6.01 | 2.41 |
| 75 | 208.19 | 180.43 | 90.21 | 113.95 | 18.04 | 9.02 | 3.61 |
| 100 | 277.58 | 240.57 | 120.28 | 151.94 | 24.06 | 12.03 | 4.81 |
| 112.5 | 312.28 | 270.64 | 135.32 | 170.93 | 27.06 | 13.53 | 5.41 |
| 125 | 346.98 | 300.71 | 150.36 | 189.92 | 30.07 | 15.04 | 6.01 |
| 150 | 416.37 | 360.85 | 180.43 | 227.91 | 36.09 | 18.04 | 7.22 |
| 200 | 555.16 | 481.14 | 240.57 | 303.88 | 48.11 | 24.06 | 9.62 |
| 225 | 624.56 | 541.28 | 270.64 | 341.86 | 54.13 | 27.06 | 10.83 |
| 300 | 832.74 | 721.71 | 360.85 | 455.82 | 72.17 | 36.09 | 14.43 |
| 400 | 1110.32 | 962.28 | 481.14 | 607.75 | 96.23 | 48.11 | 19.25 |
| 500 | 1387.90 | 1202.85 | 601.42 | 759.69 | 120.28 | 60.14 | 24.06 |
| 600 | 1665.48 | 1443.42 | 721.71 | 911.63 | 144.34 | 72.17 | 28.87 |
| 750 | 2081.85 | 1804.27 | 902.14 | 1139.54 | 180.43 | 90.21 | 36.09 |
| 1000 | 2775.80 | 2405.70 | 1202.85 | 1519.39 | 240.57 | 120.28 | 48.11 |
| 1500 | 4163.71 | 3608.55 | 1804.27 | 2279.08 | 360.85 | 180.43 | 72.17 |
| 3000 | 8327.41 | 7217.09 | 3608.55 | 4558.16 | 721.71 | 360.85 | 144.34 |

KVA = E x I x 1.732 / 1000

Temporary Power for Show-Biz since 1952

9330 LAUREL CANYON BOULEVARD, ARLETA CA 91331

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