



GE

Large Power Transformers
1140 W. Industrial Park Dr.
Nogales, AZ 85621

GE MODEL #:
9T73C9874G03

Underwriters' Laboratories Inc Listed
Tested in a UL Listed and Certified Laboratory

RATING:

CU 3PH 60HZ 30KVA 480 +2, -4(2.5% TAPS) 208Y/120 CSL-3, ELECTROSTATIC SHIELD

Frame = ST372

Temp. Rise (C) = 150 Insulation System = 220C

AVG. Sound Level (dB) = 45

LOSS DATA @ 100% LOAD:

Core Loss or No Load Loss @ 100% voltage (Watts) =	76.0
Impedance Loss or Coil Loss @ Rise + 20C reference (Watts) =	<u>1,234.0</u>
Total Loss @ Rise + 20C reference (Watts) =	1,309.0

DIELECTRIC AND PRODUCTION TESTING:

Induce Test @ Twice rated voltage 400 Hz per UL1561 and NEMA ST-20

Hipot Test for High Voltage winding to Low Voltage and Ground @ 4000 volts 60 Hz 60 Sec.

Hipot Test for Low Voltage winding to High Voltage and Ground @ 2500 volts 60 Hz 60 Sec.

Polarity additive in accordance with UL1561 and NEMA ST-20

EFFICIENCY:

Efficiencies at reference temperature of Rise + 20C

Efficiencies tested per NEMA TP-2

Load (%)	Efficiency (%)
16.6	98.0
25	98.2
35	98.1
50	97.9
75	97.2
100	96.5

IMPEDANCE:

Impedance at reference temperature of Rise + 20C

%R =	4.7
%X =	3.8
%Z =	6.0

REGULATION:

Regulation at reference temperature of Rise + 20C

PF	Regulation (%)
1.0	4.5
0.8	5.7