



GE Consumer & Industrial
Large Power Transformers
1140 W. INDUSTRIAL PARK DR.
Nogales, AZ 85621

GE MODEL #:
9T73C9878

Underwriters' Laboratories Inc Listed

RATING:

CU 3PH 60HZ 300KVA 480 +2, -4(2.5% TAPS) 208Y/120 CLS-3

Frame = ST378

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

AVG. Sound Level (dB) = 55

LOSS DATA @ 100% LOAD:

Core Loss or No Load Loss @ 100% voltage (Watts) =	330.0
Impedance Loss or Coil Loss @ Rise + 20C reference (Watts) =	<u>7,444.0</u>
Total Loss @ Rise + 20C reference (Watts) =	7,774.0

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 (Calculated).

Load (%)	Efficiency (%)
25	99.1
35	99.0
50	98.8
75	94.4
100	97.9

IMPEDANCE:

Impedance at reference temperature of Rise + 20C (Calculated).

%R =	2.3
%X =	6.3
%Z =	6.7

REGULATION:

Regulation at reference temperature of Rise + 20C (Calculated).

PF	Regulation (%)
1.0	2.5
0.8	5.4