



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

GE MODEL #:
9T83K3893

Underwriters' Laboratories Inc Listed

RATING:
 AL 3PH 60HZ 45.0KVA 600 +2,-4(2.5%TAPS) 208Y/120

Frame = XV373
 Temp. Rise (C) = 150 Insulation System = 220C
 Average Sound Level (dB) = 45

LOSS DATA @ 100% LOAD:

Core Loss or No Load Loss @ 100% voltage (Watts) =	169.8
Impedance Loss or Coil Loss @ Rise + 20C reference (Watts) =	<u>2062.5</u>
Total Loss @ Rise + 20C reference (Watts) =	2,232.3

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:

Load (%)	NEMA Efficiency (%)	CSA Efficiency (%)
25	97.7	97.67
35	97.8	97.75
50	97.7	97.56
75	97.2	96.98
100	96.5	96.28

IMPEDANCE:

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

%R =	4.6
%X =	3.8
%Z =	6.0

REGULATION:

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

PF	Regulation (%)
1.0	4.5
0.9	5.5
0.8	5.7