



Specialty Transformer
PO Box 1701
Ft. Wayne, IN 46801
(260) 439-2000

GE MODEL #:
9T44G0010G03

Underwriters' Laboratories Inc Listed

RATING:

TFM AL 750 kVA 480(+2,-42.3%) - 208Y/120 150 C-rise NON-SIN K=04

Frame =	FC68	Type	TM
Temp. Rise (C) =	150	Insulation System =	220C
Average Sound Level (dB) =	56	@ 50% load & below.	
	63	@ over 50% load.	

LOSS DATA:

Core Loss or No Load Loss @ 100% voltage (Watts) =	1395.0
Impedance Loss or Coil Loss @ Rise + 20C reference (Watts) =	<u>13205.0</u>
Total Loss @ Rise + 20C reference (Watts) =	14600.0

DIELECTRIC AND PRODUCTION TESTING:

Induce Test @ Twice rated voltage 400 Hz per ANSI C89.2 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 Ground @ 2500 volts 60 Hz 60 Sec.
 Polarity additive in accordance with ANSI C89.2 and NEMA ST-20

EFFICIENCY:

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

Load (%)	Efficiency (%)	
25	98.9	
35	99.0	Complies with NEMA TP-1
50	98.9	
75	98.7	
100	98.3	

IMPEDANCE:

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

%R =	1.6
%X =	7.5
%Z =	7.6

REGULATION:

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

PF	Regulation (%)
1.0	1.6
0.8	5.8