



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

GE MODEL #:
9T43G0006G03

Underwriters' Laboratories Inc Listed

RATING:

TFM AL 150 kVA 480(+2,-42.3%) - 208Y/120 150 C-rise NON-SIN K=30

| | | | |
|----------------------------|------|---------------------|------|
| Frame = | FC78 | Type | TM |
| Temp. Rise (C) = | 150 | Insulation System = | 220C |
| Average Sound Level (dB) = | 54 | @ 50% load & below. | |
| | 65 | @ over 50% load. | |

LOSS DATA:

| | |
|--|--------|
| Core Loss or No Load Loss @ 100% voltage (Watts) = | 500.0 |
| Impedance Loss or Coil Loss @ Rise + 20C reference (Watts) = | 2130.0 |
| Total Loss @ Rise + 20C reference (Watts) = | 2630.0 |

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 | 98.4 | |
| 35 | 98.7 | Complies with NEMA TP-1 |
| 50 | 98.7 | |
| 75 | 98.6 | |
| 100 | 98.3 | |

IMPEDANCE:

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

| | |
|------|-----|
| %R = | 1.8 |
| %X = | 2.9 |
| %Z = | 3.4 |

REGULATION:

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

| PF | Regulation (%) |
|-----|----------------|
| 1.0 | 1.7 |
| 0.8 | 3.0 |