



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

GE MODEL #:
9T83C9142G15

Underwriters' Laboratories Inc Listed

RATING:

CU 3PH 60HZ 30.0KVA 480 +2,-4(2.5%TAPS) 208Y/120

Frame = EE72
Temp. Rise (C) = 115 Insulation System = 220C
Average Sound Level (dB) = 42

LOSS DATA:

| | |
|--|--------------|
| Max Core Loss or No Load Loss @ 100% voltage (Watts) = | 230.0 |
| Impedance Loss or Coil Loss @ Rise + 20C reference (Watts) = | <u>813.1</u> |
| Total Loss @ Rise + 20C reference (Watts) = | 1,043.1 |

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 High Voltage and 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 (%) |
| 35 | at least 97.5 |

IMPEDANCE:

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

| | |
|------|-----|
| %R = | 2.6 |
| %X = | 4.2 |
| %Z = | 5.1 |

REGULATION:

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

| | |
|-----|----------------|
| PF | Regulation (%) |
| 1.0 | 2.7 |
| 0.8 | 4.6 |