TYPICAL TEST DATA

Dry Type Transformer

GE
Industrial Solutions
Large Power Transformers
41 Woodford Avenue
Plainville, CT 06062
www.geindustrial.com

GE MODEL #: **9T83B2671** Underwriters' Laboratories Inc. Listed

RATING

KVA	25	Conductor	AL
Frequency	60	Phase	1
Primary Voltage	240x480(+2,-4,2.5%)	Secondary Voltage	120/240
Current Line Primary	52.08	Current Line Secondary	104.16
Frame	YX171	Insulation System	220C
K Factor	1	Efficiency level	DoE 2016 (10CFR 431)
Temp. Rice (°C)	150	Average Sound Level (dB)	45

LOSS DATA @ 100% LOAD

Core Loss or No Load Loss @ 100% voltage (Watts)	101.7
Impedance Loss or Coil Loss @ Rise + 20C reference (Watts)	833.8
Total Loss @ Rise + 20C reference (Watts)	935.5

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

DoE 2016 (10CFR 431) Efficiency Level calculated per NEMA TP-1

Load (%)	Efficiency (%)
16	97.16
25	97.82
35	98.00
50	98.03
75	97.72
100	97.28

IMPEDANCE

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

%R	3.3
%X	4.1
%Z	5.3
X/R Ratio	1.2

REGULATION

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

PF	Regulation (%)
1.0	3.4
0.9	4.8
0.8	5.1

REFERENCE VALUES:

Inrush Current (Calculated). t= 8.33ms

Imax(RMS) = 902.00