

AUTOMATIC LOAD-TAP-CHANGING LIQUID FILLED TRANSFORMER

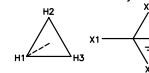
ANSI C57.12.00-2021

SL# 47015MA212-DA054A 3 PHASE 60 Hz CLASS: ONAN/ONAF/ONAF 65°C RISE
MVA: 16/21.333/26.7 Percentage of excitation current:
HV: 46000 250 kV BIL LV & HV WINDING MATERIAL: COPPER
LV: 12470 GrdY/7200 110 kV BIL XO WINDING & BUSHING BIL=110 BIL
MONTH & YEAR OF MANUFACTURE: / IMPEDANCE: % AT 46000-12470V & 16MVA

LTC ON	HV-ABB	UZERT	600A	380 BIL
H ON	R ON	POS.	VOLTS	AMPS AT 26700 KVA
1-20		1	50600	305
2-20		2	50313	306
3-20		3	50025	308
4-20		4	49738	310
5-20		5	49450	312
6-20		6	49163	314
7-20		7	48875	315
8-20		8	48588	317
9-20	17-18	9	48300	319
10-20		10	48013	321
11-20		11	47725	323
12-20		12	47438	325
13-20		13	47150	327
14-20		14	46863	329
15-20		15	46575	331
16-20		16	46288	333
17-20		17	46000	335
17-20		17	46000	335
1-20		18	45713	337
2-20		19	45425	339
3-20		20	45138	342
4-20		21	44850	344
5-20		22	44563	346
6-20		23	44275	348
7-20	17-19	24	43988	350
8-20		25	43700	353
9-20		26	43413	355
10-20		27	43125	358
11-20		28	42838	360
12-20		29	42550	362
13-20		30	42263	365
14-20		31	41975	367
15-20		32	41688	370
16-20		33	41400	373

LOW VOLTAGE	AMPS AT 26700 KVA
12470	1236

VECTOR GROUP - Dyn1



The maximum installation height above sea level: <3300
The maximum ambient temperature: 41°C

APPROXIMATE WEIGHTS Kg(lbs)

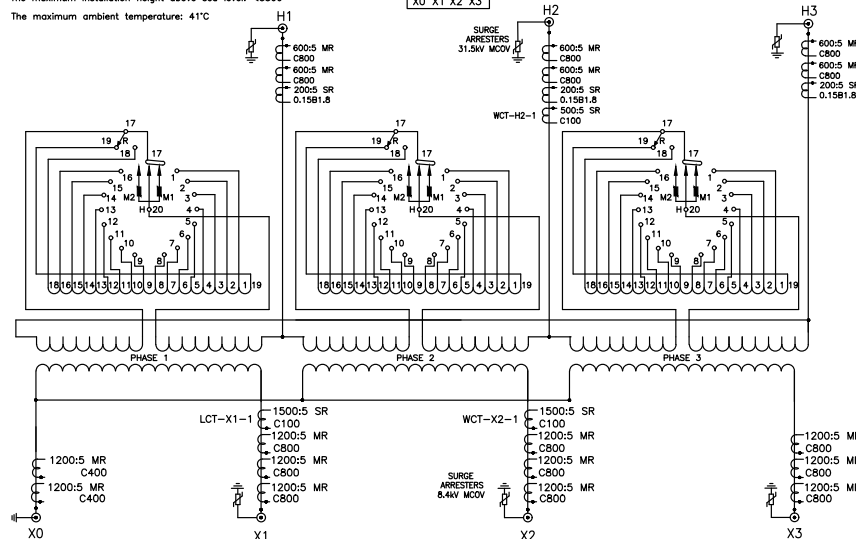
CORE & COILS
TANK & FITTINGS
NITRO POLARIS GX OIL
MAIN TANK M3(GALS)
LTC TANK M3(GALS)
APPROX TOTAL WT KG(LBS)
UNTANKING MASS KG(LBS)

MAX.OPERATING PRESS Kpa,PSI POS. Kpa,PSI NEG
TANK DESIGNED FOR Kpa,PSI VACUUM
25°C OIL LEVEL TO TOP FLG. OF MANHOLE, mm,IN.
LIQ.LEVEL CHGS. mm,IN.PER 10°C CHG.IN LIQ. TEMP.

REFER TO INSTRUCTION MANUAL LF-4 BEFORE
ENERGIZATION.
UNIT CONTAINS NO DETECTABLE LEVEL(<1 PPM) OF PCB AT
THE TIME OF MANUFACTURE

MATERIAL: 0.075 STAINLESS STEEL
NON-CORROSIVE OUTDOOR BLACK
LETTER ENGRAVED PROTECTIVE
CLEAR PLASTIC FILM
0.1875 DIA. HOLES (4)

NOTES:
FINAL IMPEDANCE, WEIGHTS, AND
PRESSURES WILL BE ENTERED
ON NAMEPLATE AFTER TESTING.
FOR NOMINAL DESIGN
IMPEDANCE SEE OUTLINE DWG.



VIRGINIA TRANSFORMER CORP.
ROANOKE, VA.

ALL DIMENSIONS IN INCHES & IN mm IF SHOWN IN PARENTHESES	THIS DOCUMENT IS INTENDED FOR COORDINATION PURPOSES ONLY. OTHER USES ARE PROHIBITED EXCEPT BY WRITTEN PERMISSION OF VTC. REVISED	1 Revised per customer 28/06/2023	2 Revised per customer 28/06/2023
VIRGINIA TRANSFORMER CORP. 220 GLADE VIEW DR., N.E., ROANOKE, VA 24012 (540) 345-1992		TITLES NAMEPLATE DWG: 3NA5CHG DSP DATE:02/10/2023 DWS SCALE: 1:1 JOB # DA054A CI 47015MA212 SHEET 13 REV 3	

Liquid Filled Transformer Data:

MOD/SN: 47015MA212

3 PHASE, 60 Hz

IMP: 7.50% NOM.

WINDINGS: COPPER

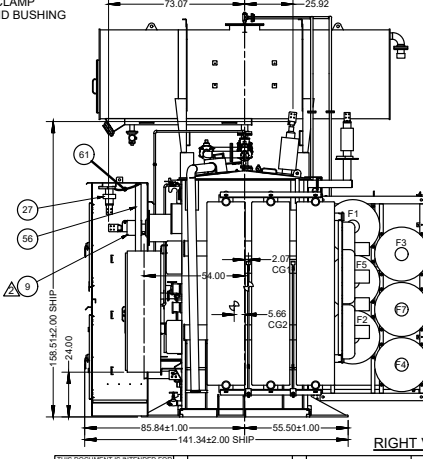
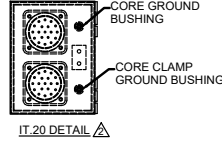
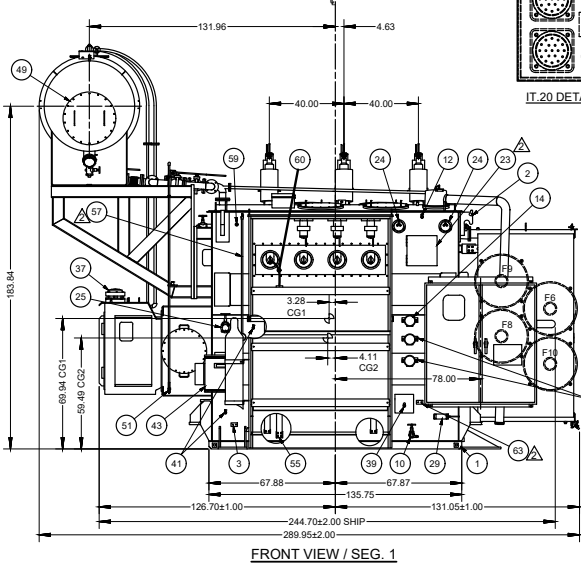
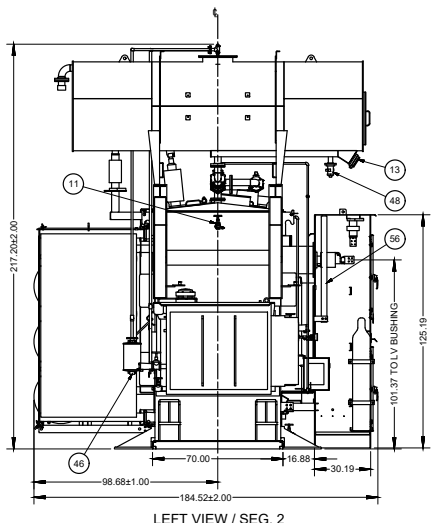
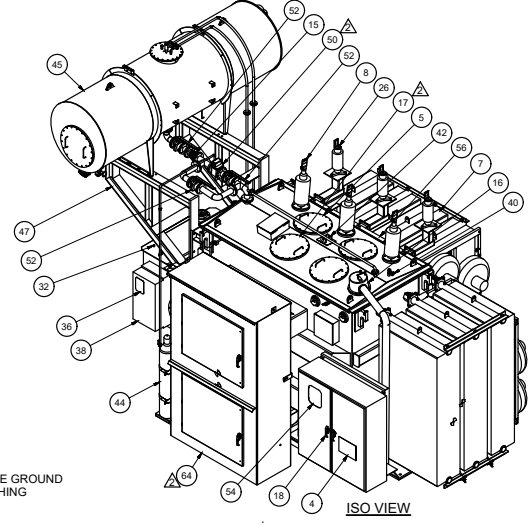
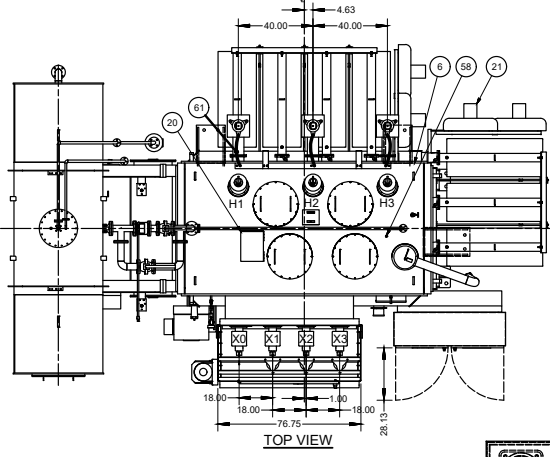
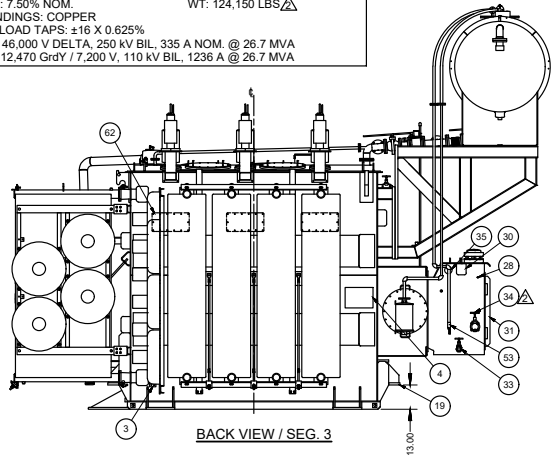
HV LOAD TAPS: $\pm 16 \times 0.625\%$

LV: 46,000 V DELTA, 250 kV BIL, 335 A NOM. @ 26.7 MVA

LV: 12,470 GrdY / 7,200 V, 110 kV BIL, 1236 A @ 26.7 MVA

MVA: 16/21.3/26.7 AT 65°C RISE
CLASS: ONAN/ONAF/ONAF
WT: 124,150 LBS

NOTE: REFER SHEET 101.1 FOR ITEM DESCRIPTION, NOTES & BASE DETAIL



THE DOCUMENT IS INTENDED FOR COORDINATION PURPOSES ONLY. OTHER USES ARE PROHIBITED EXCEPT BY WRITTEN PERMISSION. DA054A-101.kdw	1 BASE ANCHORING DETAIL REVISED APK 04/19/23	2 REVISED PER CUSTOMER COMMENTS APK 06/16/23	JOB # DA054A
VIRGINIA TRANSFORMER CORP. 20150 W. R. L. BLVD. 10000 N. H. BLVD. 840-345-9892	TITLE: DIMENSIONAL OUTLINE DWN: APK CHK: KT	DATE: 02/02/23	SHEET 101 OF 2