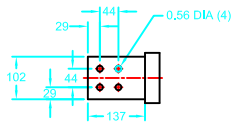
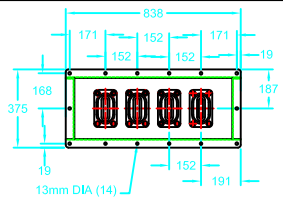


H.V. BUSHING SPADE DETAIL

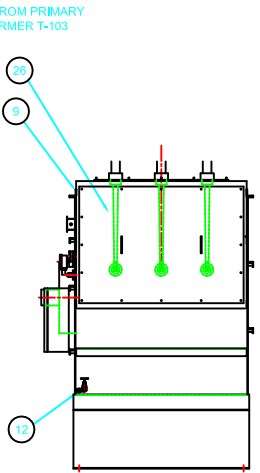
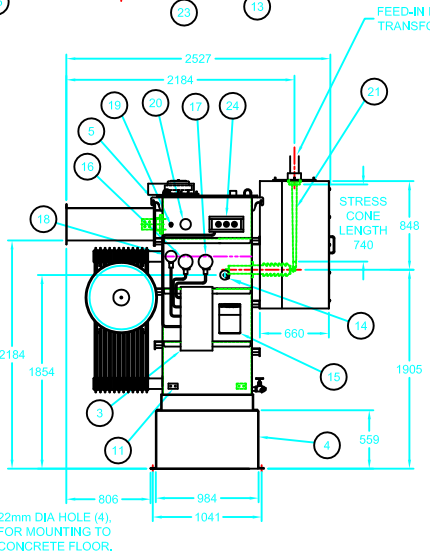
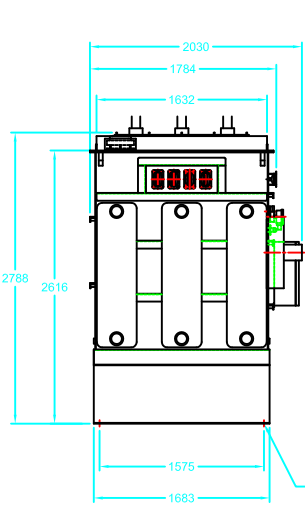
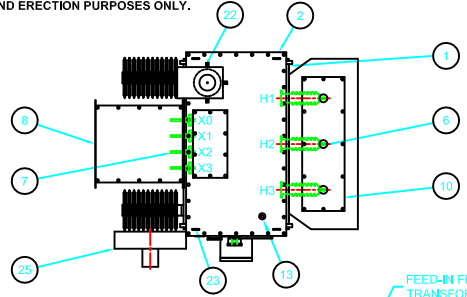


L.V. BUSHING SPADE DETAIL



L.V. THROAT FLANGE DETAIL

NOTE: THIS OUTLINE IS NOT TO BE REGARDED AS INDICATING THE EXACT DETAILS OF CONSTRUCTION. IT IS PROPERLY DIMENSIONED FOR LAYOUT AND ERECTION PURPOSES ONLY.



- ITEM DESCRIPTION**
- TANK, ALL WELDED CONSTRUCTION.
 - TANK COVER, BOLTED ON.
 - CONTROL BOX FOR TERMINATING CONTROL WIRES. (SEE DWG C00163).
 - SUB BASE.
 - LIFTING LUGS.
 - H.V. BUSHING, PORCELAIN INSULATOR.
 - L.V. BUSHING. SEE SPADE DETAIL.
 - L.V. JUNCTION BOX WITH REMOVABLE TOP.
 - H.V. MAIN JUNCTION BOX.
 - H.V. JUNCTION BOX TOP COVER.
 - GROUND PADS DRILLED & TAPPED 1/2" x 13 ON 44.5mm CENTRES.
 - GLOBE VALVE WITH SAMPLING VALVE.
 - 1" PIPE PLUG FOR FILLING.
 - TAP CHANGER HANDLE.
 - DIAGRAM NAMEPLATE.
 - OIL TEMPERATURE INDICATOR WITH CONTACTS SET AT 95°C & 105°C.
 - WINDING TEMPERATURE INDICATOR WITH CONTACTS SET AT 90°C & 100°C.
 - LIQUID LEVEL GAUGE WITH LOW LEVEL ALARM CONTACTS.
 - PRESSURE RELIEF VALVE (35 kPa).
 - PRESSURE/VACUUM GAUGE ±100 kPa.
 - STRESS CONES.
 - EMERGENCY PRESSURE RELIEF DEVICE.
 - LIFTING LOOPS FOR TANK COVER ONLY.
 - G.T. FEED THRU BUSHINGS(2) FOR ITEM 17 AND CORE GROUND BUSHING(1).
 - FAN, 1/4 HP, 1140 RPM 120V, 1PH.
 - H.V. JUNCTION BOX FRONT COVER.

- NOTE:**
FOLLOWING ITEMS ARE SHIPPED SEPARATELY FROM THE TRANSFORMER ASSEMBLY.
- CONTROL BOX, ITEM #3.
 - FAN, ITEM #25.
 - WINDING TEMPERATURE GAUGE, ITEM #17.
 - COVER FOR ITEM #24.

UNIT INFORMATION	
KVA:	1500/2000 (WITH FAN)
H.V.:	27600 V
L.V.:	600V/247 V.
TAPS:	5 x 2.5%, 2 FCAN, 2 FCBN
B.I.L.:	H.V. 150 kV, L.V. 45kV
FREQUENCY:	60 Hz
R-TEMP:	1500 L
TYPE:	LNAN/ LNAF (WITH FAN)
SPECIFICATION:	C88-M90
FINISH:	ANSI 61 GREY
MASS:	
CORE AND COIL:	2615 kg
TANK & BOXES:	1925 kg
FLUID:	1360 kg
TOTAL:	5900 kg

STEIN # F331-00
REVISIONS:
Rev 3
Voltage rating for cooling fan to 120V 1PH, was 230V 3PH
FOR IMPLIED TOLERANCES SEE
APP: P WHITE
DATE: 01/03/13
DATE: 01/10/31

TITLE:	OUTLINE- 3 PH POWER TRANSFORMER
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STEIN INDUSTRIES INC.	
LONDON, ONTARIO, CANADA	
DATE: 01/03/13	DWG.#
DATE:	LF607002
REV.#	3

TERMINAL T-106