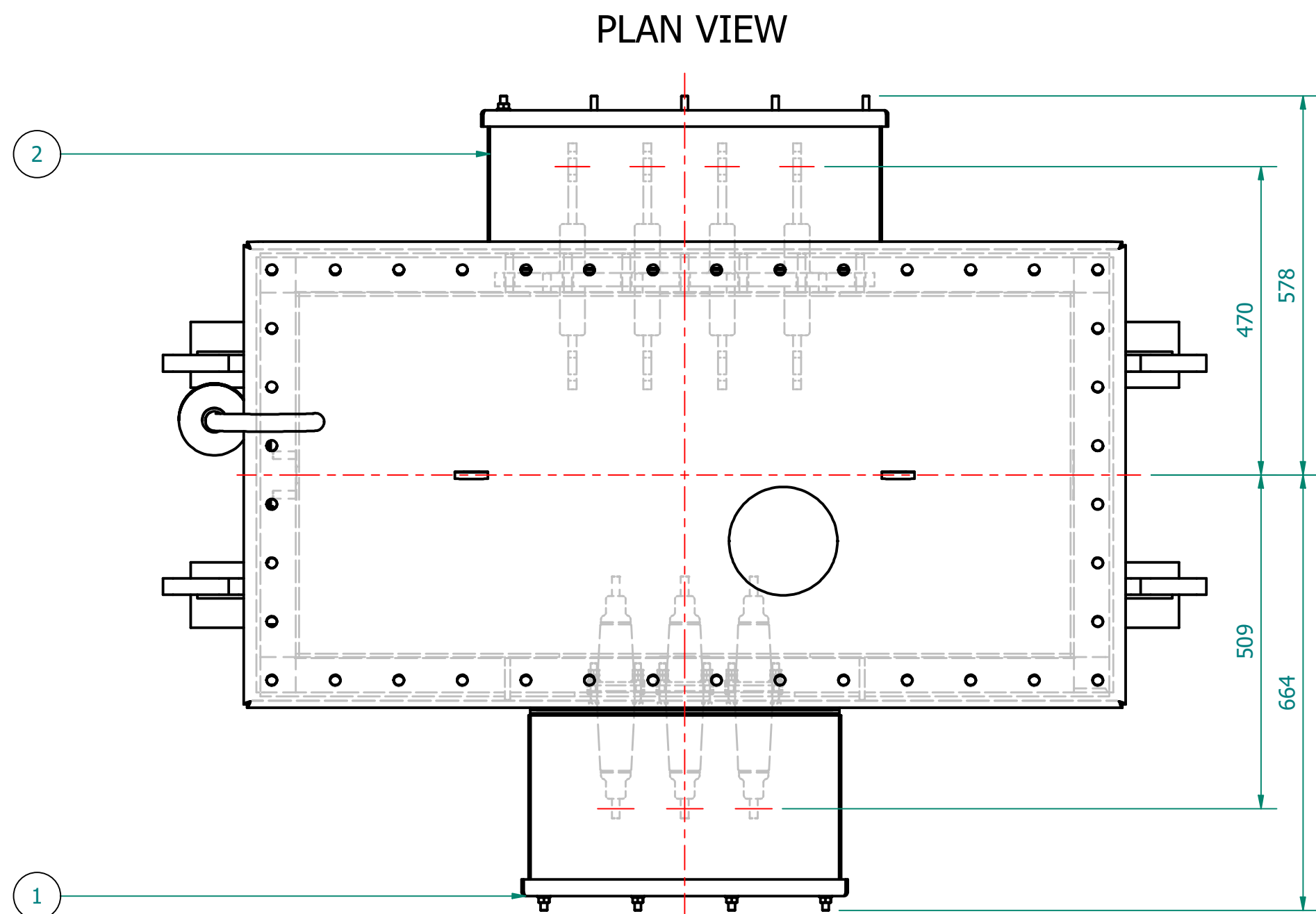
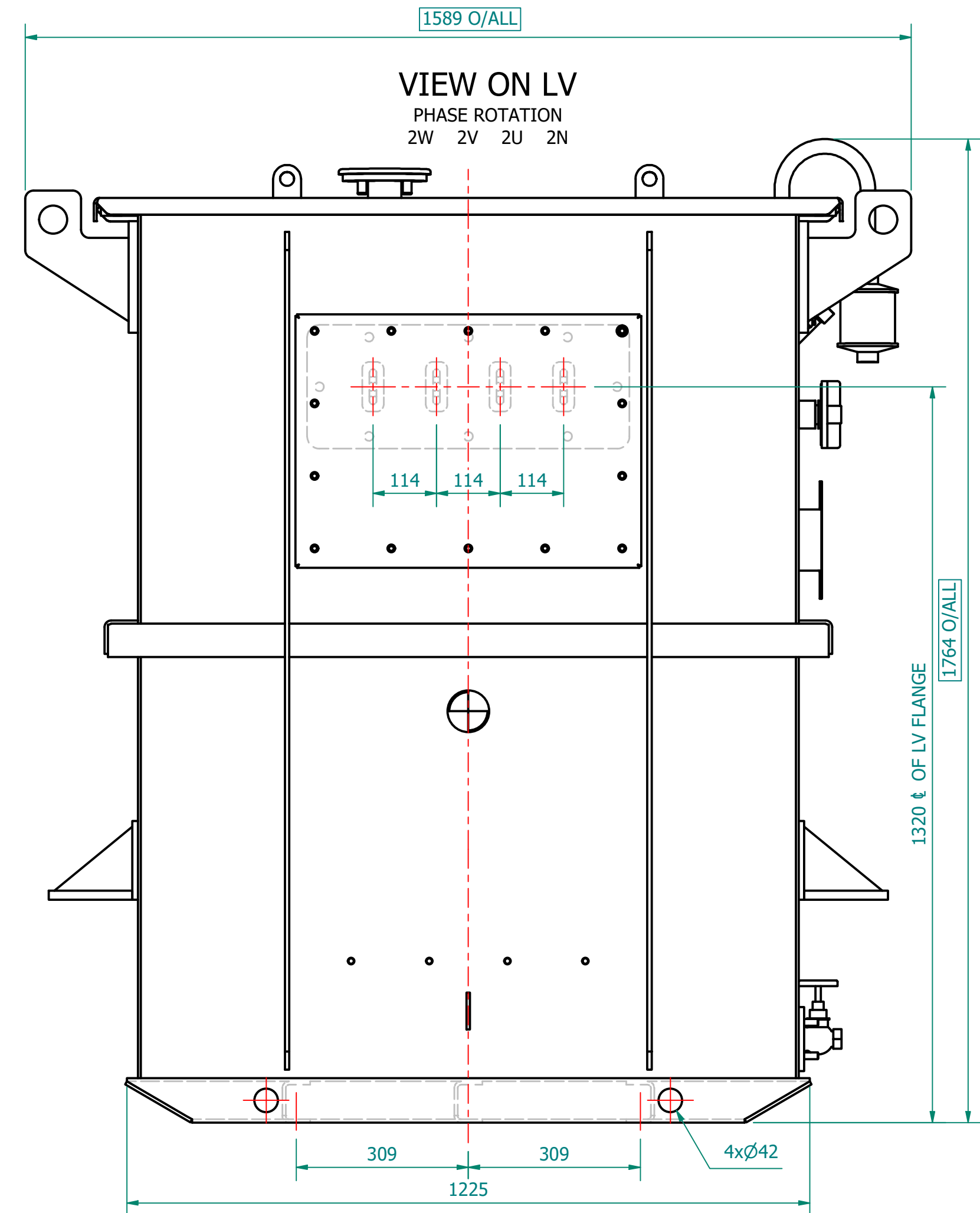
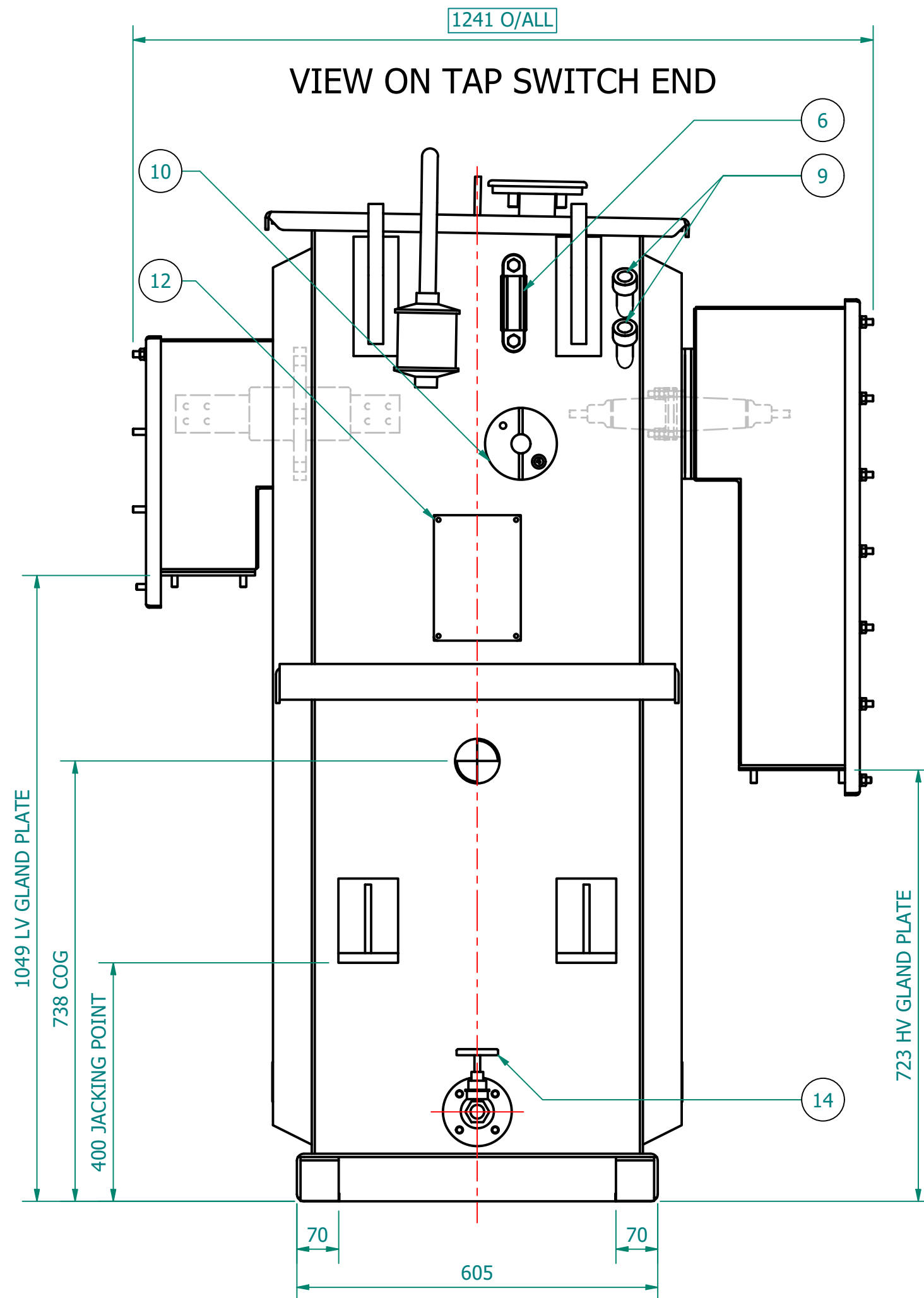
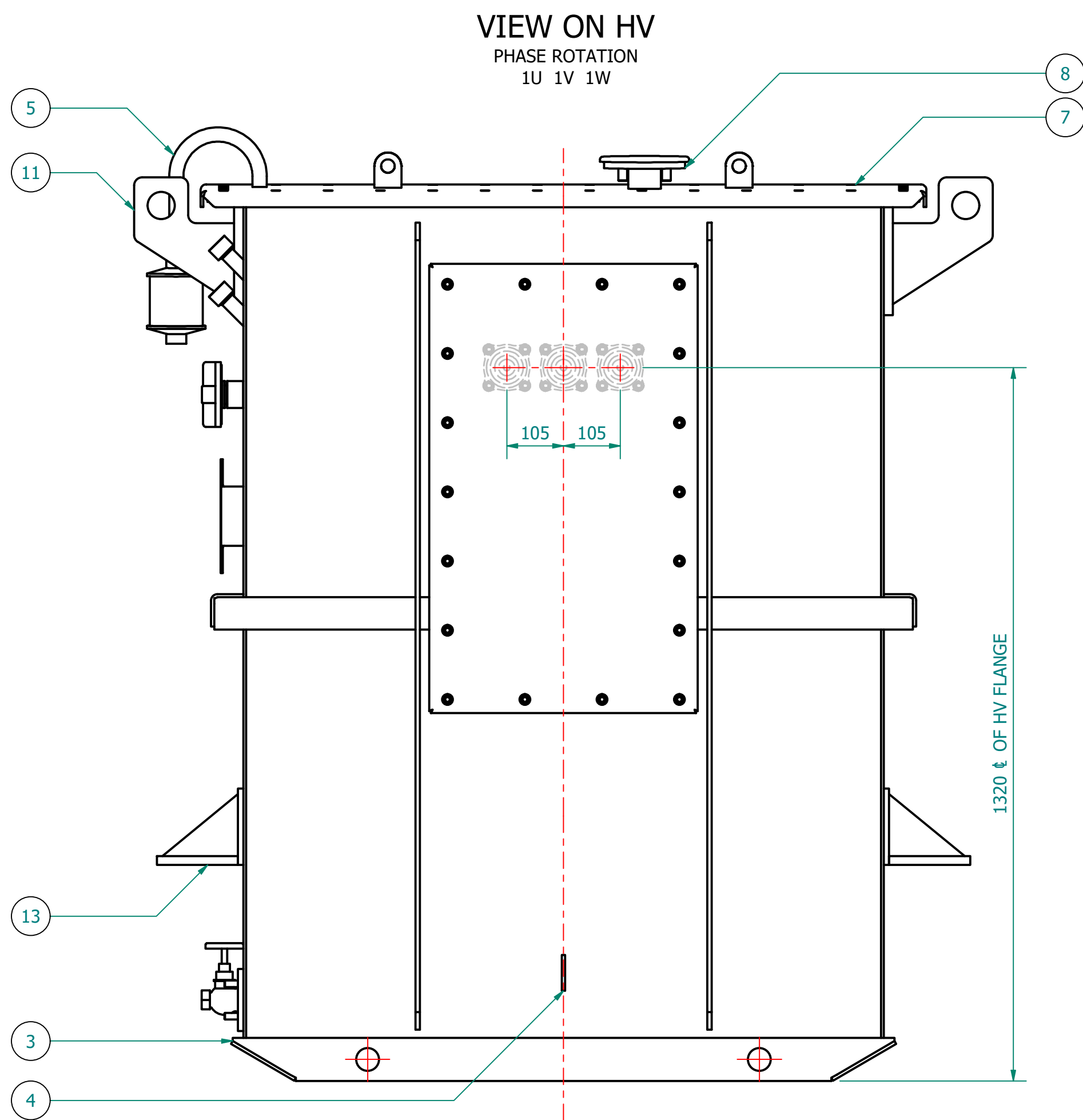
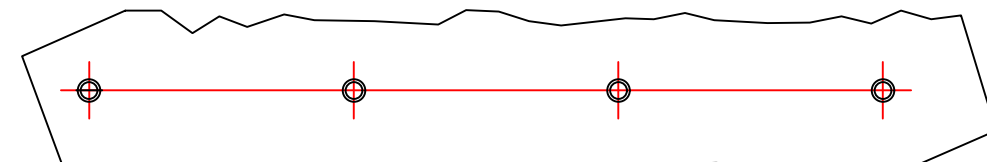




WILSON
T² ECOTRANS

TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	960
TANK AND FITTING	kg	580
COOLING LIQUID VOLUME	L	685
COOLING LIQUID WEIGHT	kg	560
TOTAL TX WEIGHT	kg	2100

VIEW OF LV SIDE - CABLE CLEAT STUDS
CABLES MUST BE SUPPORTED IN ACCORDANCE WITH
CURRENT IET Wiring Regulations BS7671 & IEC 61914



4x M12 x 30 @ 140mm PITCH ~430mm FROM THE GROUND

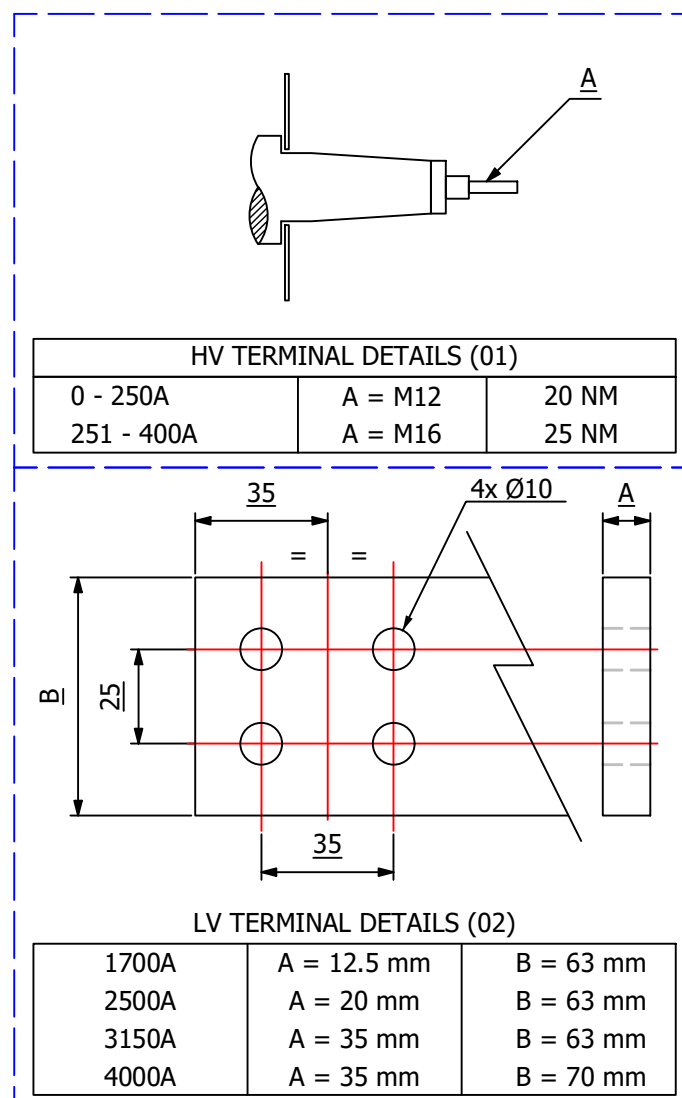
ESSENTIAL LABELS

ITEM 10 TAP CHANGER WARNING LABEL

ITEM 6 COLD COOLANT LEVEL

ITEM 2 LV WARNING LABEL

ITEM 1 HV WARNING LABEL



315kVA			ELECTRICAL RATINGS		
No Load Voltage Ratio at Normal Tap	HV Tappings	Vector Group	Frequency	Full-Load Current at Normal Tap	
				HV Side	LV Side
11000 / 433V	+5.0 to -5.0% in 2.5% INCREMENTS	Dyn11	50Hz	16.533A	420.012A
Design Impedance at Normal Tap	No Load Losses at rated Voltage & Frequency	Full Load Losses at rated Current & at 75°C Temp.	Temp. Rise above Ambient 40°C		
			in Oil by Therm.	in Wdg. by Res.	
4.75%	324W	2800W	60°C	65°C	
GENERAL NOTES					
1	ALL DIMENSIONS ARE IN 'mm'.				
2	ALL DIMENSIONS/WEIGHTS ARE SUBJECT TO ± 10% TOLERANCE.				
3	ELECTRONIC SCALE - 1:1 (ONLY WRITTEN DIMENSIONS TO BE FOLLOWED).				
4	TOLERANCE ON IMPEDANCE PER IEC:60076.				
5	PAINT SHADE.: 632 AS PER BS:381C (SEMI GLOSS) TO ISO12944 - MIN C4H SPEC.				
6					
7					
8					
9					

14	1	DRAIN VALVE (25NB) with MALE PLUG
13	4	JACKING PADS
12	1	RATING & DIAGRAM PLATE (SS)
11	4	TRANSFORMER LIFTING LUGS
10	1	OFF-CIRCUIT TAP SWITCH (5-Position & Padlockable)
9	2	THERMOMETER POCKET (3/4" BSP MALE THREAD)
8	1	OIL FILLING PIPE WITH FLANGED COVER
7	1	TOP COVER with LIFTING LUGS (x2)
6	1	OIL LEVEL GAUGE (with 15°) COLD OIL LEVEL MARK
5	1	ENVIRO GEL BREATHING TYPE R
4	2	EARTHING TERMINAL (FLAT TYPE suitable for M12 Bolt)
3	1	TRANSFORMER BASE (SKID TYPE) c/w HAULAGE HOLES & BRACING
2	1	LV CABLE BOX - 1.1kV, 4-POLE, AIR INSULATION, (FACING-'F', BS:2562) SUITABLE FOR 1 x 1c CABLES PER PHASE & N - MAX. 630mm.sq
1	1	HV CABLE BOX - 12kV, 3-POLE, HEAT-SHRINK INSULATION, (FACING-'E' BS:2562) SUITABLE FOR 1 x 3c CABLE - MAX. 185mm.sq
ITEM	QTY	DESCRIPTION

IF IN DOUBT - **ASK**. REMOVE ALL SHARP EDGES. **DO NOT** SCALE. DRAWING **NOT TO SCALE**

LAST DEFINITION				
REV	REV BY	VERIFIED	APPROVED	DESCRIPTION

REVISION DESCRIPTION		REV	PROJECT
ORIGINAL		00	CUSTOMER
			S.O. NUMBER
			P.O. NUMBER
			W.O. NUMBER
REV. BY: RAMESH J		DATE: 28-NOV-2025	
VERIFIED:			
APPROVED:			

REVISION DESCRIPTION		REV	PROJECT
ORIGINAL		00	CUSTOMER
			S.O. NUMBER
			P.O. NUMBER
			W.O. NUMBER
REV. BY: RAMESH J		DATE: 28-NOV-2025	
VERIFIED:			
APPROVED:			

DRAWING TITLE	
GENERAL ARRANGEMENT DRAWING FOR 315kVA WILSON T2 ECOTRANS 11000/433V, 50Hz, Dyn11, ONAN AL WOUND DISTRIBUTION TRANSFORMER	

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DRAWN BY: RAMESH J DATE: 28/11/2025 DRG NO: **WPS-T2-315-AL-GA**