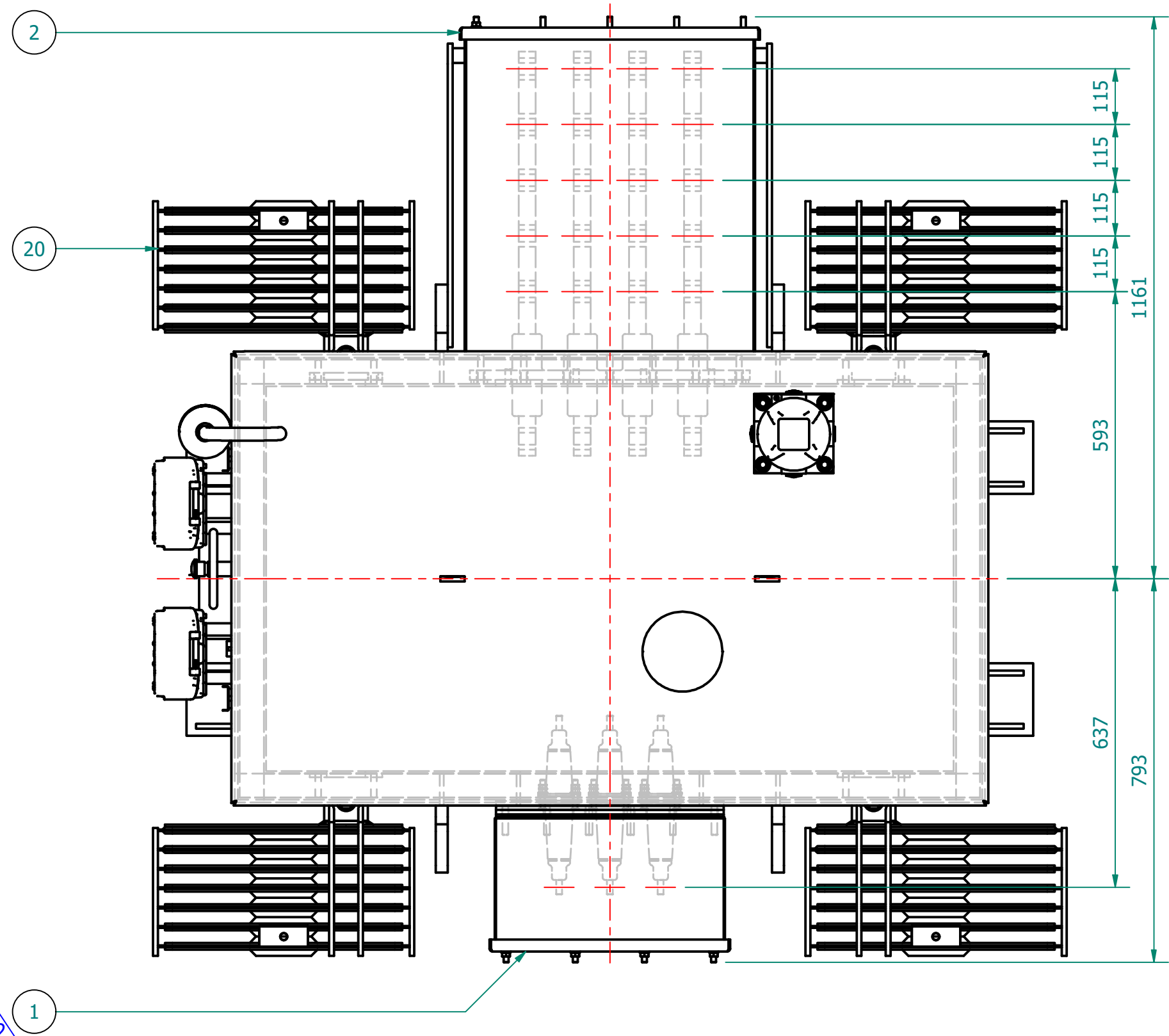
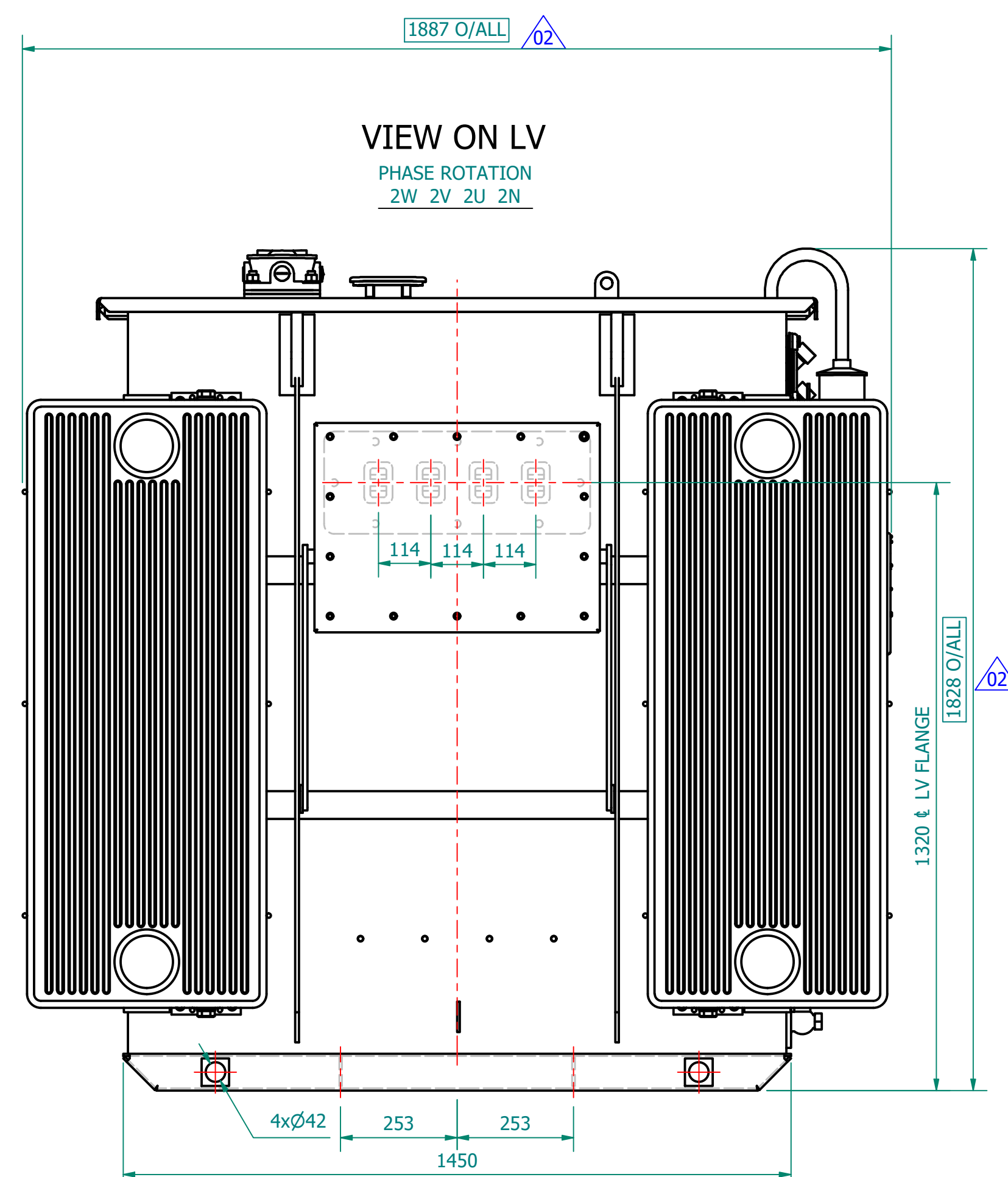
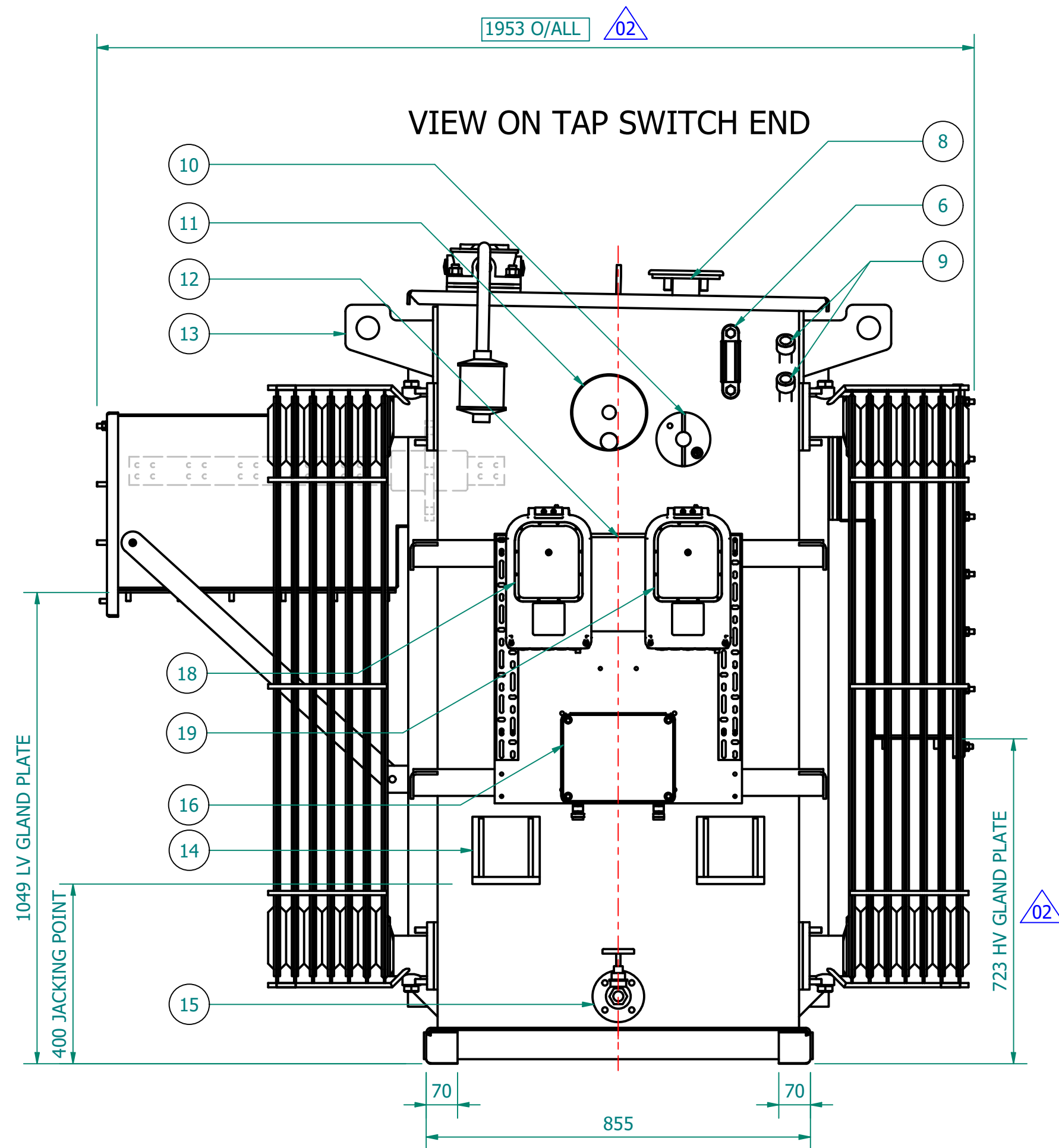
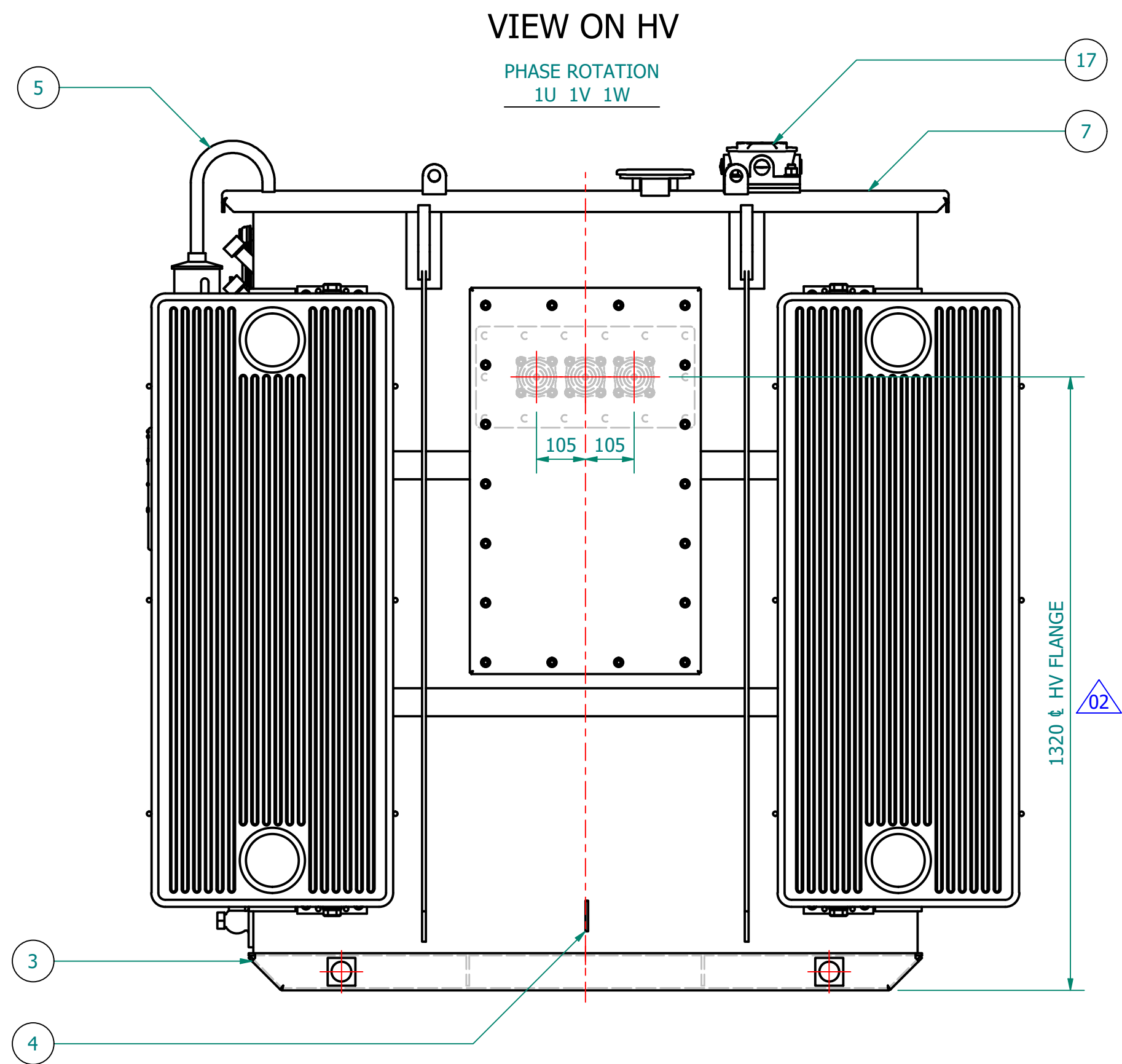


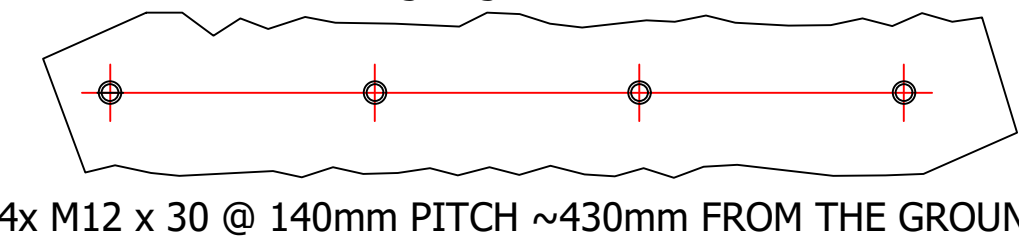


TX TO BE SET AT 6.6kV



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	2840
TANK AND FITTING	kg	1400
COOLING LIQUID VOLUME	L	1215
COOLING LIQUID WEIGHT	kg	1180
TOTAL TX WEIGHT	kg	5420

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



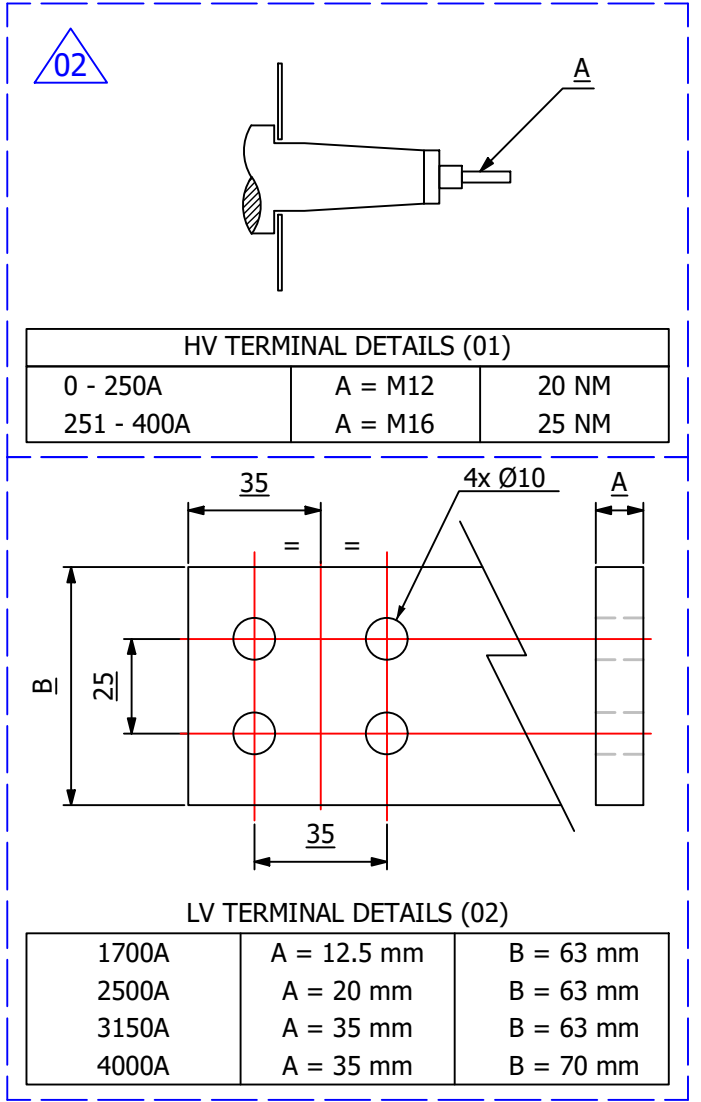
ESSENTIAL LABELS

ITEM 10 TAP CHANGER WARNING LABEL

ITEM 6 COLD COOLANT LEVEL

ITEM 2 LV WARNING LABEL

ITEM 1 HV WARNING LABEL



2000kVA ELECTRICAL RATINGS					
No Load Voltage Ratio at Normal Tap	HV Tappings	Vector Group	Frequency	Full-Load Current at Normal Tap	
				HV Side	LV Side
11000-6600 / 433V	+5.0 to -5.0% in 2.5% INCREMENTS	Dyn11	50Hz	104.97-174.95A	2666.74A
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.
6.0%	1501W	16500W	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					

ITEM	QTY	DESCRIPTION
20	4	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 75 x 40P)
19	1	Qualitrol - GEN3 - OTI - 2m - 2 Switches - Blanking Plugs
18	1	Qualitrol - GEN3 - WTI - 2m - 2 Switches - Blanking Plugs
17	1	WTI CT BUSHING TERMINALS ENCLOSED IN BOX
16	1	MARSHALLING BOX
15	1	DRAIN VALVE (25NB) with MALE PLUG
14	4	JACKING PADS
13	4	TRANSFORMER LIFTING LUGS
12	1	RATING & DIAGRAM PLATE (SS)
11	1	VOLTAGE CHANGE OVER SWITCH
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	SILICA GEL BREATHER TYPE R
4	2	EARTHING TERMINAL (FLAT TYPE suitable for M12 Bolt)
3	1	TRANSFORMER BASE (SKID TYPE) c/w HAULAGE HOLES
2	1	LV CABLE BOX - 1.1kV, 4-POLE, AIR INSULATION, (FACING-'F', BS:2562) SUITABLE FOR 5 x 1c CABLES PER PHASE & N - MAX. 630mm.sq
1	1	HV CABLE BOX - 12kV, 3-POLE, HEAT-SHRINK INSULATION, (FACING-'F' BS:2562) SUITABLE FOR 1 x 3c CABLE - MAX. 185mm.sq

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

LAST DEFINITION	01	J. NOAO	M. STOTSJUK	D. WINTON	RMU & HV ELBOWS ADDED
	00	RAMESH J			ORIGINAL DESCRIPTION
	REV	REV BY	VERIFIED	APPROVED	
REVISION DESCRIPTION	RMU, HV ELBOWS REMOVED & HV CABLE BOX ADDED				
	REV. BY:	RAMESH J			
	VERIFIED:				
REV	02	DATE 07-NOV-2024			
	PROJECT	DTX - HYDE ROAD BUS DEPOT. 1 X 2MVA			
	CUSTOMER	ELECTRICITY NORTH WEST			
S.O. NUMBER	16105				
	P.O. NUMBER	0710/4300117150			
	W.O. NUMBER	30178			
DRAWING TITLE		GENERAL ARRANGEMENT DRAWING FOR 2000kVA, WILSON T2 ECOTRANS 11000-6600/433V, 50Hz, Dyn11,KNAN AL WOUND DISTRIBUTION TRANSFORMER			
DRAWN BY:		RAMESH J		DATE: 01/08/2024	
DRG NO:		WPS16105-MGA-100			

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WPS16105-MGA-100