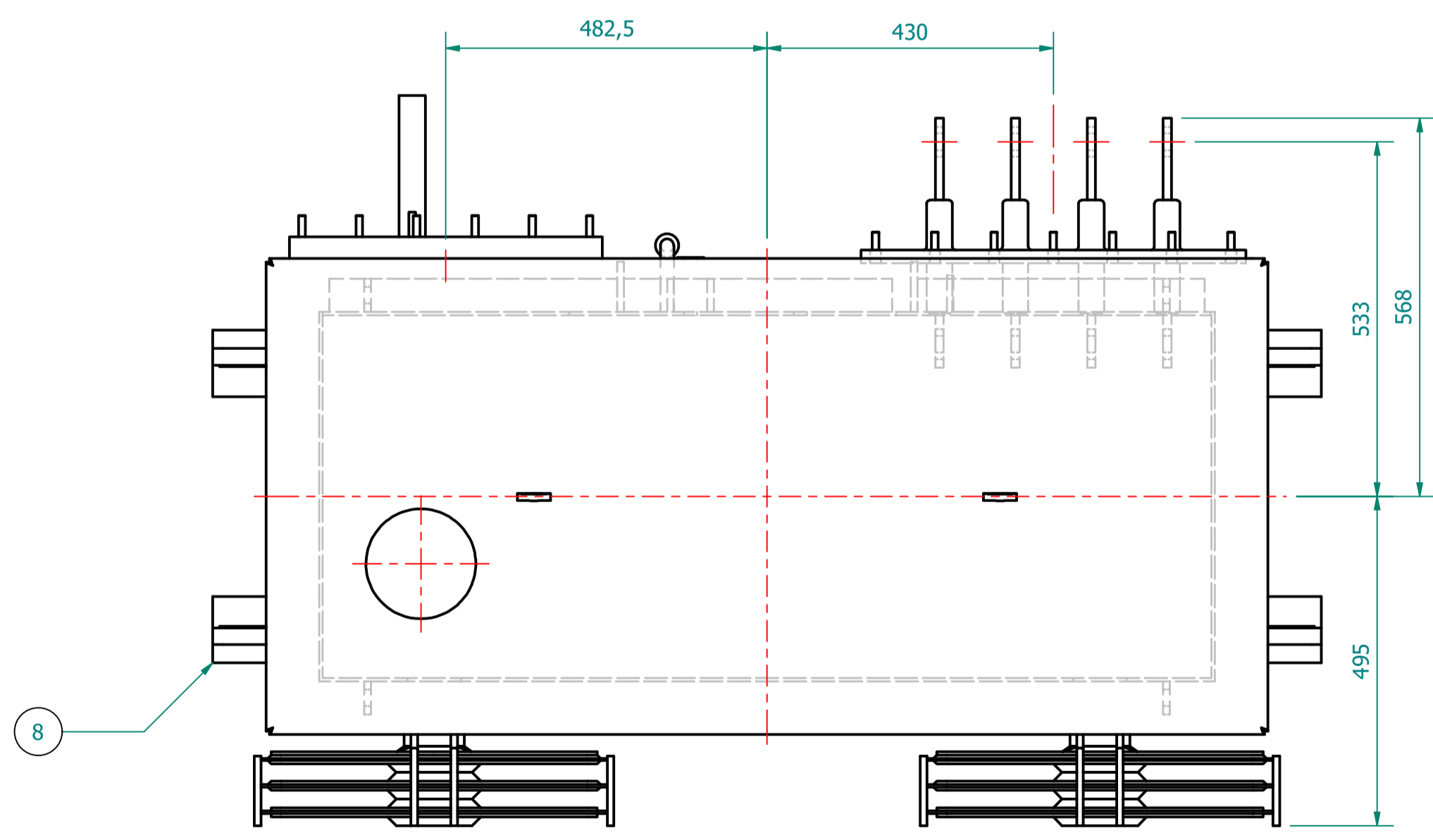


PLAN VIEW



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	1090
TANK AND FITTING	kg	575
COOLING LIQUID VOLUME	L	713
COOLING LIQUID WEIGHT	kg	585
TOTAL TX WEIGHT	kg	2250



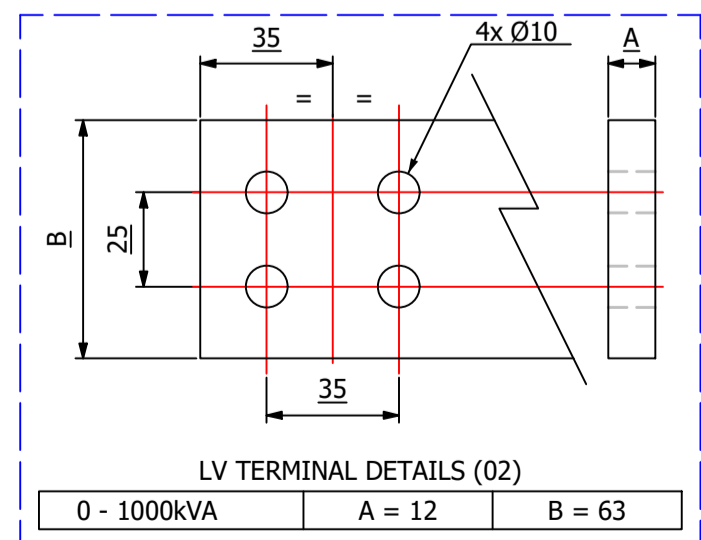
ESSENTIAL LABELS

ITEM 7 TAP CHANGER WARNING LABEL

ITEM 4 COLD COOLANT LEVEL

LV WARNING LABEL

HV WARNING LABEL



500KVA 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 to -5.0% in 2.5% INCREMENTS	Dyn11	50Hz	26.24A	666.69A
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%	459W	3900W	60°C	65°C	

GENERAL NOTES

- ALL DIMENSIONS ARE IN 'mm'.
- ALL DIMENSIONS/WEIGHTS ARE SUBJECT TO ± 10% TOLERANCE.
- ELECTRONIC SCALE - 1:1 (ONLY WRITTEN DIMENSIONS TO BE FOLLOWED).
- TOLERANCE ON IMPEDANCE PER IEC:60076.
- PAINT SHADE.: RAL7033 TO ISO12944 - MIN C4 SPEC.

ITEM	QTY	DESCRIPTION
12	2	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1100C x 35 x 40P)
11	1	THERMOMETER POCKET (3/4" BSP MALE THREAD)
10	4	TRANSFORMER LIFTING LUGS
9	1	DRAIN VALVE (25NB) with MALE PLUG
8	4	JACKING PADS
7	1	RATING & DIAGRAM PLATE (SS)
6	1	DE-ENERGIZE TAP CHANGER (5-Position & Padlockable)
5	1	EARTHING TERMINAL (FLAT TYPE suitable for M12 Bolt)
4	1	TOP COVER with LIFTING LUGS (x2)
3	1	TRANSFORMER BASE (SKID TYPE) c/w HAULAGE HOLES
2	1	OIL FILLING PIPE WITH FLANGED COVER
1	1	OIL LEVEL GAUGE (with 15°) COLD OIL LEVEL MARK

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

MANUFACTURED BY: **TOSHIBA TRANSFORMER**
TOSHIBA TRANSMISSION & DISTRIBUTION SYSTEMS (INDIA) PVT. LTD.

REV	REV BY	VERIFIED	APPROVED	DESCRIPTION

REVISION DESCRIPTION	REV	PROJECT
ORIGINAL	00	

REV. BY:	DATE	PROJECT
M. STOTSJUK	13-SEP-2021	

CUSTOMER	P.O. NUMBER	W.O. NUMBER

DRAWING TITLE
GENERAL ARRANGEMENT DRAWING FOR
T2, 500KVA
11000/433V, 50Hz, Dyn11, ONAN
AL WOUND UNIT TYPE TRANSFORMER

SUPPLIED BY: **Wilson Power Solutions Ltd.**
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DRAWN BY: M. STOTSJUK DATE: 13/09/2021 DRG NO: **WPS-T2-UKPN-500-AL-U001**