

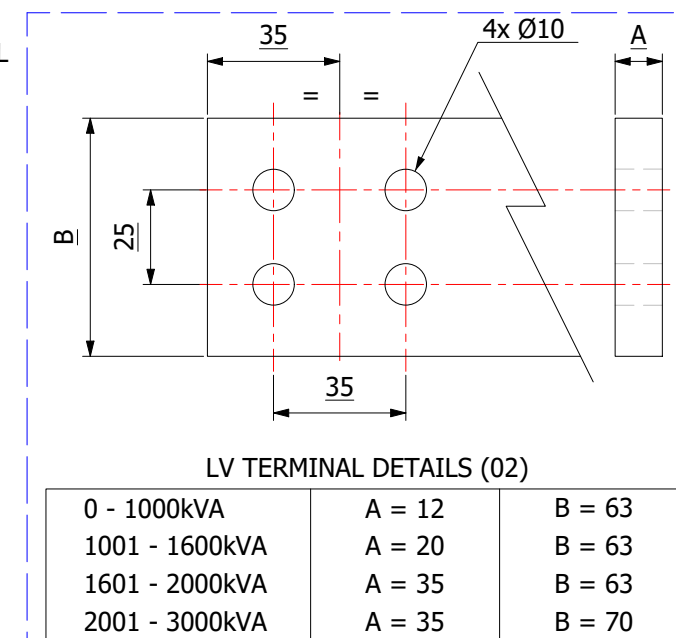
TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	2670
TANK AND FITTING	kg	1100
COOLING LIQUID VOLUME	L	1070
COOLING LIQUID WEIGHT	kg	870
TOTAL TX WEIGHT	kg	4640
ADDITIONS TO THE TRANSFORMER WEIGHT		
HV UNIT	Kg	280

1600kVA ELECTRICAL RATINGS					
No Load Voltage Ratio at Normal Tap	HV Tappings	Vector Group	Frequency	Full-Load Current at Normal Tap	
11000 / 433V	+5.0 to -5.0% in 2.5% INCREMENTS	Dyn11	50Hz	HV Side	LV Side
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		
5.5%	1080W	12000W	in Oil by Therm.	in Wdg. by Res.	
			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.: 632 AS PER BS:381C (SEMI GLOSS) TO ISO12944 - MIN C4 SPEC.
 - O/ALL DIM IS SUBJECT TO EQUIPMENT DOOR OPENING DISTANCES.

ESSENTIAL LABELS

- ITEM 10 OFF-CIRCUIT TAP CHANGER WARNING LABEL
- ITEM 6 C.O.L. 15°C COLD COOLANT LEVEL
- ITEM 2 LV WARNING LABEL
- ITEM 1 HV WARNING LABEL



ITEM	QTY	DESCRIPTION
15	4	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 55 x 40P)
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	AIR VENT PIPE (3/4") FOR DEHYDRANT BREATHER
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 3 x 1c CABLES PER PHASE & N - MAX. 630mm.sq
1	1	HV SWITCH/BREAKER, 630A/200A, [Schneider : SN6/CN2] (FACING-'E' BS:2526)

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

	REVISION DESCRIPTION	REV	PROJECT	DRAWING TITLE GENERAL ARRANGEMENT DRAWING FOR 1600kVA WILSON T2 ECOTRANS 11000/433V, 50Hz, Dyn11, ONAN/KNAN AL WOUND DISTRIBUTION TRANSFORMER SN6/CN2	 Wilson Power Solutions Ltd. Westland Square, Leeds, West Yorkshire LS11 5SS, United Kingdom Tel: +44 (0) 113 271 7588 Fax: +44 (0) 113 277 5124 web: www.wilsonpowersolutions.co.uk email: info@wilsonpowersolutions.co.uk
	ORIGINAL	00	CUSTOMER		
	REV. BY: M. STOTSJUK	DATE: 08-APR-2021	S.O. NUMBER		
	VERIFIED:		P.O. NUMBER		
APPROVED:		W.O. NUMBER	DRAWN BY: M. STOTSJUK DATE: 08/04/2021 DRG NO: WPS-T2-1600-AL-A002		