



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	4255
TANK AND FITTING	kg	1525
COOLING LIQUID VOLUME	L	1720
COOLING LIQUID WEIGHT	kg	1400
TOTAL TX WEIGHT	kg	7180
ADDITIONS TO THE TRANSFORMER WEIGHT		
RN2c RMU WEIGHT	Kg	500
LV CABINET WEIGHT	kg	----

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 / 415V	+7.5 to -5.0% in 2.5% INCREMENTS	Dyn11	50Hz	105A	2782.4A
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%	750W	13500W	60°C	65°C	

ITEM	QTY	DESCRIPTION
16	2	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 55 x 40P)
15	2	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 75 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 (6-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 CABINET, BOTTOM ENTRY, GENERIC MODEL - SUBJECT TO CHANGE (FACING-'F', BS:2562)
1	1	HV RMU - 11kV, 200A, GCB, 630A BUS [Schneider RN2c-T1/21] x PROTECTION, (FACING-'E' BS:2526)

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 DIMENSION IS SUBJECT TO EQUIPMENT DOOR OPENING DISTANCES
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ESSENTIAL LABELS

- ITEM 10: TAP CHANGER WARNING LABEL (OFF-CIRCUIT TAP CHANGER, DO NOT OPERATE)
- ITEM 6: C.O.L. 15°C - COLD COOLANT LEVEL
- ITEM 2: LV WARNING LABEL
- ITEM 1: HV WARNING LABEL (DANGER High Voltage)

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

REV	REV BY	VERIFIED	APPROVED	DESCRIPTION

REVISION DESCRIPTION	REV	PROJECT	DRAWING TITLE
ORIGINAL	00	CUSTOMER	GENERAL ARRANGEMENT DRAWING FOR 2000kVA WILSON e3 ECOTRANS ULTRA LOW LOSS 11000/415V, 50Hz, Dyn11, ONAN/KNAN AL WOUND DISTRIBUTION TRANSFORMER LV CABINET & RN2c

REV. BY:	DATE:	P.O. NUMBER:	W.O. NUMBER:
M.WRIGHT	10-OCT-2019		

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DRAWN BY: M.WRIGHT DATE: 09/10/2019 DRG NO: **WPS-E3-2000-AL-A004**