



TRF. WEIGHT & VOLUME

CORE AND WINDING	kg.	930
TANK AND FITTING	kg.	680
COOLING LIQUID WEIGHT	kg.	795
TOTAL WEIGHT	kg.	2400
COOLING LIQUID VOLUME	lit.	970

SNODE DESCRIPTION		SNODE DESCRIPTION		QTY
1	LV TERMINATIONS	16	STUDS M12 x 301g.	4
2	BREATHING PIPE WITH MALE 3/4" BSP THREADS	11	BASE SKIDS DRILLED FOR ROLLER AXLES	1
3	HV TERMINATIONS	12	JACKING LUGS	4
4	THERMOMETER POCKET WITH FEMALE 3/4" BSP THREADS	13	RADIATOR 4PANNELS x 1100 CENTRES	2
5	EXTERNALLY OPERATED OFF-CIRCUIT TAPSWITCH	14	RATING & CONNECTION DIAGRAM PLATE (S.S)	1
6	LIQUID LEVEL INDICATOR	15	TOP COVER LIFTING LUGS	2
7	LIFTING LUGS	16	STUDS M12 x 301g.	4
8	LV TERMINATIONS	1		
9	OIL FILLING ORIFICE 50mm WITH COVER	9	EARTHING LUG	2
10	BREATHING PIPE WITH MALE 3/4" BSP THREADS	1		
11	HV TERMINATIONS	1		
12	THERMOMETER POCKET WITH FEMALE 3/4" BSP THREADS	1		
13	EXTERNALLY OPERATED OFF-CIRCUIT TAPSWITCH	1		
14	LIQUID LEVEL INDICATOR	1		
15	LIFTING LUGS	4		
16	STUDS M12 x 301g.	4		

315kVA		ELECTRICAL RATINGS			
No Load Voltage Ratio at Normal Tap	11000V / 415V	HV Tapplings	Vector Group	Frequency	Full-Load Current at Normal Tap
		+7.5 to -5% Dyn11	50Hz	16.53A	438.23A
Impedance at rated Voltage & Frequency	2.5% x 3Nos.	Full Load Losses at rated Voltage & at 75°C Temp.	Temp. Rise above Ambient 40°C	Temp. Rise above Ambient 40°C	Cooling Method
		160W	In Oil by Therm.	65 °C	ONAN
		3650W	In Wdn. by Resist.	60 °C	

GENERAL NOTES

- ALL DIMENSIONS ARE IN 'mm'.
- ALL DIMENSIONS/WEIGHTS ARE MAXIMUM/SUBJECT TO ±10% TOLERANCE.
- NOT TO SCALE. ONLY WRITTEN DIMENSION TO BE FOLLOWED.
- TOLERANCE ON IMPEDANCE & LOSS FIGURES AS PER IEC:76.
- PAINT SHADE No.: 632 AS PER BS:381C (Dark Admiralty Grey/Semi-Gloss).
- LAYOUT OF FITTINGS / ACCESSORIES ARE TENTATIVELY SHOWN.
- AS BUILT DRAWING SHALL BE PROVIDED, IF THERE IS ANY CHANGES.

REVISION HISTORY

REV.	DATE	DRWN.	VERF.	APVD.	DETAILS

DRAWING REVISION		0	TITLE	GENERAL ARRANGEMENT DRAWING OF 315kVA, 11000/415V, 50Hz, Dyn11, ONAN WILSON e2 AMORPHOUS SUPER LOW LOSS ALUMINIUM WINDINGS	DATE	09/03/12
ORIGINAL		DRAWN		HARI	VERIFIED	
		APPROVED		ALF	DRAWING No.	
					PDTV10001	
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