



- NOTES:-**
- DIMENSIONS & WEIGHTS ARE SUBJECT TO ±5% TOLERANCE, HOWEVER THE DIMENSIONS WILL NOT CROSS THE ENATS. 35-1 SPECIFICATION DIMENSIONS.
 - PAINTING: DARK ADMIRALTY GREY 632 OF BS 381C, ISO-12944-2 CATEGORY C4
 - THIS IS OGA DRAWING ONLY, EXACT LOCATION OF ACCESSORIES & FITTING MAY VARY DURING MANUFACTURING.
 - EXCEPT OUTLINE ARRANGEMENT OF TRANSFORMER ALL PART DETAILS PREPARED FOR NOT TO SCALE FOR BETTER VISIBILITY
 - HV, LV CABLE BOX GLAND PLATES WILL BE PROVIDED WITH Ø6 MM PILOT HOLES

SL.No.	DESCRIPTION
17	HV SWITCHGEAR FIXING DETAIL (50x50x5 THK. MS.ANGLE)
16	BREATHER FIXING PIPE WITH 3/4" BSP MALE CONNECTION (BREATHER WILL BE SUPPLY LOOSE)
15	PRISMATIC OIL LEVEL INDICATOR
14	JACKING PADS
13	EARTHING TERMINAL SUITABLE FOR M12 BOLT (ONE ON EACH SIDE) (SS-316)
12	RATING AND TERMINAL MARKING PLATE
11	OFF-CIRCUIT TAP SWITCH (MODEL: 12kV 100A, 6 POSITION) WITH ENCLOSED COVER
10	THERMOMETER POCKET SUITABLE FOR 3/4" BSP MALE CONNECTION
9	LIFTING LUGS FOR COMPLETE TRANSFORMER
8	BOLTED TYPE TOP COVER
7	LIQUID FILLING PIPE WITH COVER
6	PSR RADIATOR BOLTED TYPE (1100X375X4 FINS)
5	LV CABLE BOX 4 POLE, 1 CONNECTION/PHASE WITH 1.1KV EPOXY MONOBLOCK BUSHING AS PER BS2562
4	SKID TYPE UNDER BASE ARRANGEMENT (Ø35)
3	DRAIN VALVE WITH PLUG & SAMPLER (MODEL : 25 mm, PN16)
2	HV CABLE BOX ASSEMBLY (3 POLE) WITH BS 2562 12kV, 250A PORCELAIN BUSHINGS (TERMINATION KIT REQUIRED)
1	LIFTING LUGS (ONLY FOR TOP COVER)

BOWERS JOB No.	-
OUTPUT	500 kVA
VOLTAGE RATIO	11000 / 415
AMPERES	26.24 / 695.60
PHASES	3
FREQUENCY	50Hz
VECTOR SYMBOL	Dyn11

ESTIMATED WEIGHTS	KG
CORE AND WINDINGS	1450
COOLING LIQUID	565 LTRS
TOTAL WEIGHT	2600



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TOLERANCE UNLESS OTHERWISE STATED
 ± 0.5mm FOR DIMENSIONS UP TO 250mm;
 ± 1mm FOR DIMENSIONS UP TO 1000mm;
 ± 2mm FOR DIMENSIONS OVER 1000mm.

RevNo	Revision Note	Date	Signed	Checked

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Drawn by SAMPLE	Checked by SAMPLE	Approved by SAMPLE	Job No. STOCK	Date 16/04/21	Size A2
GENERAL ARRANGEMENT OF 500KVA 11000/415V TIER 2 TRANSFORMER		DRG No. FOR INFO ONLY		Scale 1:15	Revision 1/1
FIRST ANGLE		Sheet 1/4			