

ALUMINUM

375±3

466±3

1. HV WINDING

CONDUCTOR	-	AL Round $\phi 3.9 \times 2$
CONDUCTOR WEIGHT	-	243.34kg
NUMBER OF LAYERS	-	12

2. HV WINDING INSULATION

INSULATION THK.	-	(0x0.15DDP+2x0.25DDP)x838mm
EDGE STRIP SIZE	-	0.25x33mm
INSULATION WEIGHT	-	18kg

3. COOLING DUCTS

DUCT-1 SIZE	-	FULL CD - 4.5x1205x838mmx1
STICKS COUNT	-	63
POSITION	-	6&7

DUCT-2 SIZE	-	
STICKS COUNT	-	
POSITION	-	

4. HV LV BARRIER

SIZE	-	14 (13+0.25DDPx4 + 0 TOL)
REFER DWG	-	DRW/CT-2314/80-2


5. SHIELD AT START (CORE SIDE)

REF. DWG	-	DRW/CT-2314/80-2
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6. SHIELD AT START (TAPPING SIDE)

REF. DWG	-	DRW/CT-2314/80-2
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HV COIL RESISTANCE: 1.7359 @ 75C AT NOMINAL TAPPING

REV	DATE	DRAWN	DESCRIPTION	APPROVED BY
			LTL Transformers (Pvt) Ltd 154/11, Railway Station Road, Angulana, Moratuwa, Sri Lanka	
PROJECT: APS TANZANIA LIMITED				
TITLE: HV WINDING TOP				
800kVA 11kV/400V TRANSFORMER				
DESIGNED BY:	SCALE	N T S	SIZE: A4	UNITS: mm
REVIEWED BY:	DRAWN BY	PRASHANTH	DESIGN NO:	
APPROVED BY:	DATE	2023/07/06	REV: 00	