

Characteristic Specifications

1.	Product Type		Indoor/Outdoor, Hermetically Sealed Transformer		
2.	Rated Power	kVA	1250		
3.	Rated Voltages	kV	11 / 0,415		
4.	Tapping Range & No of Taps (HV, Off-Load Tap Changer)		5 Taps +2x%2,5 / -2x%2,5 9,5-9,75-10-10,25-10,5- kV		
5.	Number of Phases		3		
6.	Frequency	Hz	50		
7.	Connection Group		Dyn 11		
8.	Insulation Class		Class A		
9.	Insulation Levels		HV	LV	
	i) One Minute Power Freq. Withstand Voltage	kV	28	3	
	ii) Lightning Impulse Withstand Voltage	kV	75	-	
10.	Max. Ambient Temperature	°C	40		
11.	Temperature Rise				
	i) Windings	K	65		
	ii) Oil	K	60		

Performance Specifications

12.	Manufacturing Standart		IEC 60076-1		
13.	No-Load Losses	Watt	2100	+	15% Tolerance
14.	Load Losses (at 75 °C and nom. pos.)	Watt	16000	+	15% Tolerance
15.	Total Losses	Watt	18100	+	10% Tolerance
16.	Impedance Voltages (at 75 °C and nom. pos.)	%	6	+/-	10% Tolerance
17.	Efficiency				
	Cos Φ= 1.0 (4 / 4)	%	98,573%		
	Cos Φ=0.8 (4 / 4)	%	98,222%		

Design Specifications

18.	Cooling Method	ONAN(with corrugated walls)			
19.	Oil Type	Mineral Oil as per IEC 60296			
20.	HV/LV Winding Materials	Electrolytic Copper			
21.	Core Type	Core - Cold Rolled Grain Oriented			
22.	Tank Cover	Bolted			
23.	Corrosion Category	C2 / Total Thickness: 105 micron			
24.	Paint	RAL:7033(without galvanising)			
25.	LV Bushings	1 kV 2000 A EN 50386	Creepage: 75 mm	4 NOS	Porcelain On top cover With flag
26.	HV Bushings	12 kV 250 A DIN 42531	Creepage: 300 mm	3 NOS	Porcelain On top cover

Weight & Diemensions

27.	Transformer Dimensions		Width	Length	Height
	Width x Length x Height	mm	1130	1730	1480
28.	Transformer Weights				
	i) Oil	kg	530		
	ii) Active Part	kg	1590		
	iii) Total	kg	2710		

Accessories

	Lifting Lugs , Earthing Terminals , Rating Plate , Oil Filling Valve , Oil Sampling&Drain Valve , Thermometer Pocket , Pressure Relief Device , Multifunctional Protection Relay , Wheels ,
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Notes

Weights and dimensions are approximate and to be confirmed after PO.