

	Transformer Technical Data Sheet	Date :	20.01.2020
		Tender No :	----
		Rev. No :	0

Project Name :	Order Code
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General Characteristics

1.	Type of Product	:	Oil filled, Conservator Type	
2.	Tank Type	:	Corrugated Walls	
3.	Applied Standard/s	:	IEC 60076	
4.	Rated Power	:	1000	kVA
5.	No-Load Rated Voltages	(HV/LV) :	6000 / 400	V
6.	Voltage Tapping	@HV :	5 pos ; 6000 V ; (+2, -2) x 2.5	Off-load
7.	Vector Group	:	Dyn11	
8.	Conductor Material	(HV/LV) :	Aluminum / Aluminum	
9.	Rated Frequency	:	50	Hz
10.	Number of Phase	:	3	phase
11.	Maximum Ambient Temperature	:	-25 / 40	°C
12.	Winding / Oil Temperature Rise Limits	:	65 / 60	K
13.	Cooling method	:	ONAN	
14.	Operation duty	:	Continuous	
15.	Altitude	:	<=1000	m
16.	Oil details	:	Mineral	
17.	Surface Protection & Outer Colour	Acc. to ISO 12944-5	105 µm thickness & RAL 7033	

Test Voltage Levels

* Acc. to IEC 60076-3

	Um (kV)	Full Wave Lightning Imp. Withstand LI (kV)	Applied Voltage AC Withstand AV (kV)
18. HV side	<=7.2	60	20
19. LV side	<=1.1	-	3

Bushing Types & Terminations

	Standard & Type		Placement & Protection Class	
20. HV side	DIN	Porcelain	On the cover	IP 00 without cable box
21. LV side	DIN	Porcelain	On the cover	IP 00 without cable box

Guaranteed Values

22.	No-Load Losses	(Po) :	1700	Watt
23.	Load Losses	(Pk) :	13000	Watt
24.	Short Circuit Impedance	(Uk) :	6	%
25.	No-Load Current	(Io) :	1.2	%
26.	Noise Level (Sound Power)	(LWA) :	73	dB (A)
27.	Short Circuit withstand Duration	(tsc) :	2	s

NOTE : Tolerances will be applied on guaranteed values according to IEC 60076.

Prepared by

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	Outer Dimensions	Total	@ Transporting	
28.	Width	1165	1165	mm
29.	Length	1580	1580	mm
30.	Height	1845	1845	mm
31.	Roller Space	820	----	mm

	Weights		
32.	Oil	480	kg
33.	Active Part	1250	kg
34.	Total	2406	kg
35.	Transport mass of tank	2406	kg

NOTE : All dimensions and weigths are specified as approximately. Actual product may differ from above calculated values.

Accessories

- Off-Load Tap Changer (1 pc.)
- Dhydrating Breather (1 pc.)
- Oil Temperature Thermometer (1 pc.)
- Oil Level Indicator (1 pc.)
- Buchholz Relay (1 pc.)

Additional Information