

	<b>Transformer Technical Data Sheet</b>	Date :	17.03.2022
		Tender No :	--
		Rev. No :	0

Project Name :	21.384.90.PL	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	:	630	kVA
5.	No-Load Rated Voltages	(HV/LV) :	10000 / 400	V
6.	Voltage Tapping	@HV :	5 pos ; 10000 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	<=12	75	28
19. LV side	<=1.1	-	3

### Bushing Types & Terminations

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

### Guaranteed Values

22.	No-Load Losses	( Po ) :	1300	Watt
23.	Load Losses	( Pk ) :	8400	Watt
24.	Short Circuit Impedance	( Uk ) :	4	%
25.	No-Load Current	( Io ) :	1.4	%
26.	Noise Level (Sound Power)	(LWA) :	70	dB (A)
27.	Short Circuit withstand Duration	( tsc ) :	2	s

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

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	Outer Dimensions	Total	@ Transporting	
<u>28.</u>	Width	1025	1025	mm
<u>29.</u>	Length	1605	1605	mm
<u>30.</u>	Height	1610	1610	mm
<u>31.</u>	Roller Space	670	----	mm

	Weights		
<u>32.</u>	Oil	: 275	kg
<u>33.</u>	Active Part	: 910	kg
<u>34.</u>	Total	: 1500	kg
<u>35.</u>	Transport mass of tank	: 1500	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

Prepared by