

TECHNICAL DATA		1	2	3	4
TYPE:	OIL TRANSFORMER				
Serie:	ECODESIGN TIER 2				
Tank type:	Hermetic				
Aplication:	Distribution				
Rated power (kVA):	630				
Primary voltage (V):	21 000				
Off-circuit regulation tapplings at HV winding:	±2 x 2,5%				
Primary winding insulation levels (kV):	24/50/125				
Secondary voltage (V):	420				
Secondary winding insulation levels (kV) :	1,1/3/-				
Vector group:	Dyn5				
Supply frequency (Hz):	50				
Impedance (at 75 Celsius degrees) (%):	6%				
Losses at idle (W):	540				
Load losses (at 75 Celsius degrees) (W):	4 600				
Tolerance of the losses (idling & load):	+0%				
Temperature insulation class:	A				
Maximum winding temperature increase (K):	65				
Maximum oil temperature increase (K):	60				
Ambient temperature (Celsius degrees):	-25 ÷ +40				
Relative humidity (%):	95				
Altitude (m.a.s.l.):	< 1 000				
Cooling type:	ONAN				
Material of winding (primary/secondary):	Al./Al.				
Protection housing:	IP-00				
Operation cycle:	continuous				
Installation place:	indoor				

CONSTRUCTION DETAILS

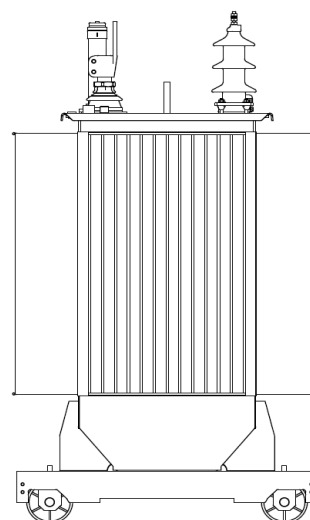
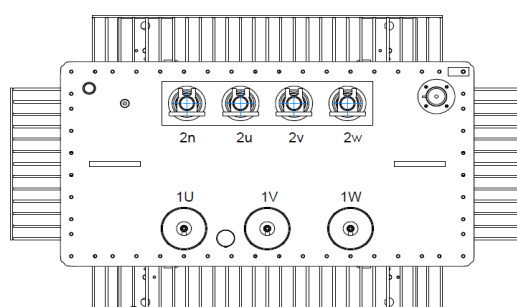
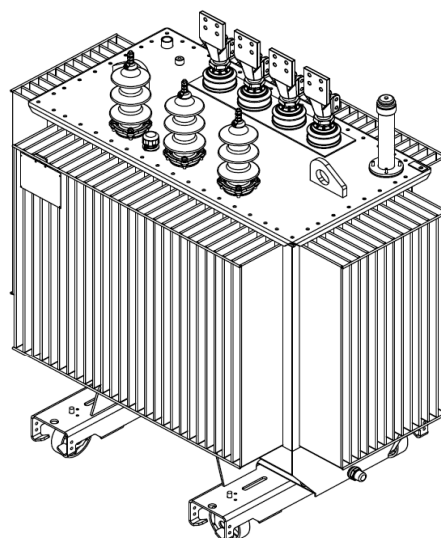
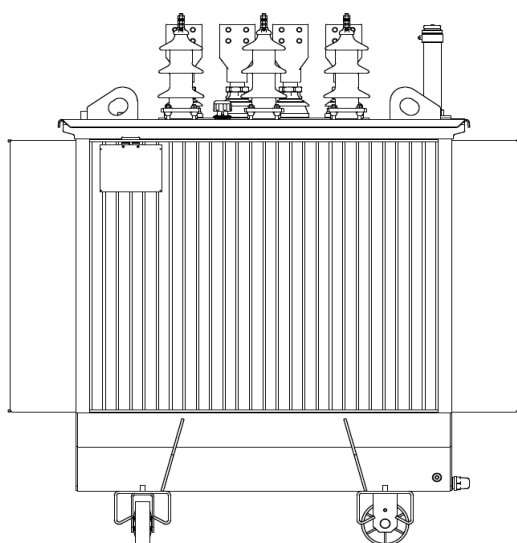
Number of windings:			2			
Number of phases:			3			
Transformer dimensions (approximately):	Length:	mm	1 370			
	Width:	mm	900			
	Height:	mm	1 670			
Enclosure dimensions (approximately):	Length:	mm	N/A			
	Width:	mm	N/A			
	Height:	mm	N/A			
Wheel distance:		mm	670			
Total weight (approximately):		kg	2 140			

STANDARDS

PN EN (IEC) 60076-1 ; 60076-2 ; 60076-3 ; 60076-4 ; 60076-5 ; 60076-10 ; 50464-1
ECODIRECTIVE (UE Directive No. 548/2014 from 21st of May 2014, and No. 2019/1783 from 1st of October 2019.)

Standard equipment:

1. Porcelain bushing M12 at HV and LV side	+			
2. Off circuit tap changer	+			
3. Safety valve	+			
4. Earthing terminals (2 pieces)	+			
5. Lifting lugs	+			
6. Truck with bi-directional rollers	+			
7. Oil filling cap	+			
8. Oil level indicator	+			
9. Nameplate in accordance to IEC Standard	+			

EXEMPLAR DRAWING


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