

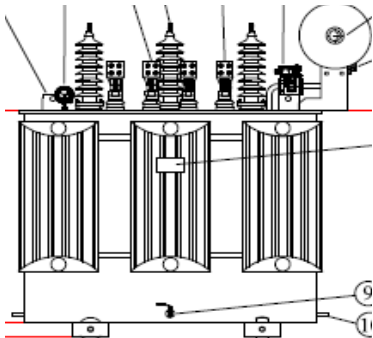


AZIENDA CON SISTEMA QUALITA' CERTIFICATO DA DNV
=UNI EN ISO 9001/2008=

Technical data sheet

Three phase distribution transformer of our manufacture, core assembled with sheets of grain-oriented steel, **primary and secondary windings copper made**, tank with radiators (welded type), ONAN cooling filled in with high quality MINERAL oil

Pos.1	UM	DATA	STANDARD ACCESSORIES
Quantity	Nr.	1	• Nr. 3 porcelain bushings for HV • Nr. 4 porcelain bushings for LV • H.V. off-load tapping switch at 5 positions • Oil conservator • Silicagel breather • Oil Level indicator (visual) • Bursting valve: relief valve • without contacts • Oil drain valve • Buchholz relay with two contacts N.O. (alarm/trip) • Oil Thermometer with two contacts N.O. (alarm/trip) • Bidirectional Rollers • Earthing terminal • Lifting lugs • Rating plate in Aluminium • High quality mineral oil in Class 1 for first filling
Rated Power	KVA	4000	
Series	ECODESIGN T1 EN 50588-2		
Type	STEP DOWN		
Frequency	Hz	50	
Primary Tension	V	10000	
Tapping on primary	5 pos.	± 2 x 2,5%	
Secondary Tension at no load	V	800+n (2000kVA)	
Secondary Tension at no load	V	800+n (2000kVA)	
Primary Connection	Delta		
Secondary Connection	star +n		
Vector group	Dyn11		
Cooling	ONAN		
Installation	Indoor/outdoor		
Windings' Material	Cu/Cu		
Class of insulating materials	A		
Primary Insulation Class	kV	12/28/75	
Secondary Insulation Class	kV	1,1/3	
Altitude (a.s.l.)	mt	≤ 1000	
Ambient Temperature (max)	°C	40	
Temperature rise max Oil/Windings	K	60/65	
Noise level (LwA)	dB	63	
No Load Losses	W	3250	
Losses on Load at 75 °C	W	35000	
No load current (Io)	%	0,2	
Tensione di cc AT / BT1 – BT2	%	11	
Tensione di cc AT / BT1	%	7	
Tensione di cc AT / BT2	%	5	
Tensione di cc BT1 / BT2	%	1,5	
PEI	%	99,466	
INDICATIVE DIMENSIONS AND WEIGHT			
Length	mm	2900	
Width	mm	2000	
Height	mm	2650	
Wheelbase	mm	1070 x 1070	
Total Weight	kg	9700	
Oil weight	kg	1800	



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Due to the evolution of the design criteria and materials, the dimensions and weights shown in the tables can only be considered binding after our written confirmation.