

TURKISH TRANSFORMER

High-Quality Distribution Transformers

Technical Specification

07/8/2025

Characteristic	Unit	
Product Name		Hermetical Sealed Fully Filled Type
Country of origin		Turkey
Rated power	kVA	630
Insulation liquid		Mineral Oil
Primary voltage	kV	20
Primary tapplings (off load)		±2 x2.5%
Secondary voltage	kV	0.40
Primary insulation level	kV	LI 125 kV /AC 50 kV / Um 24
Secondary insulation level	kV	LI - /AC 3 kV / Um 1.1
Frequency	Hz	50
Number of phases		3
Vector group		Dyn11
Ambient temperature max.	C	40
Max. average temperature rise (Oil/Winding)	K	60 / 65
Short-Circuit Withstand Duration	s	2
Surface treatment		RAL 7033 / C4-L
Altitude	m	<1000
Installation		Indoor
Performance Values		
Standards		IEC 60076-1
Impedance at nominal voltage	%	6 ± 10 %
No load losses	watt	1200 + 15 %
Load losses at 75 °C	watt	8500 + 15 %
Sound power level (LwA)	dB	-
Preliminary Dimensions and Weight		Tolerance in Weight & Dimensions ±10%
Length	mm	1640
Width	mm	1080
Height	mm	1380
Active weight	kg	940
Oil weight	kg	430
Total weight	kg	1680
Type of Design		
Tank construction		Corrugated Wall Type
Cooling		ONAN
Primary winding conductor material		Electrolytic Copper
Secondary winding conductor material		Electrolytic Copper
Tests		
Routine test		Included according to IEC 60076-1
Bushings		
HV Bushings		Plug-in
LV Bushings		Porcelain
Accessories		

Thermometer Pocket, LV Flags , Multifunctional Protection Relay, Pressure Relief Valve,