

# 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
<b>Performance Values</b>		
Standards		IEC 60076-1
Impedance at nominal voltage	%	6 ± 10 %
No load losses	watt	540 + 0 %
Load losses at 75 °C	watt	4600 + 0 %
Sound power level (LwA)	dB	-
<b>Preliminary Dimensions and Weight</b>		<b>Tolerance in Weight &amp; Dimensions ±10%</b>
Length	mm	1690
Width	mm	1000
Height	mm	1480
Active weight	kg	1630
Oil weight	kg	460
Total weight	kg	2320
<b>Type of Design</b>		
Tank construction		Corrugated Wall Type
Cooling		ONAN
Primary winding conductor material		Aluminium
Secondary winding conductor material		Aluminium
<b>Tests</b>		
Routine test		Included according to IEC 60076-1
<b>Bushings</b>		
HV Bushings		Plug-in
LV Bushings		Porcelain
<b>Accessories</b>		

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