## 800 kVA Distribution Transformer



**Brand:** Datsan

Product Code: DT800 Availability: 2 - 3 Days Weight: 2,350.00kg

**Dimensions:** 1,250.00mm x 600.00mm x

1,080.00mm

## Description

We generally manufacture distribution transformers in this power range, mainly in two different types:

- 1. Transformer with conservator tank (WCT),
- 2. Hermetically sealed type (HST),

Below table will help to engineers to select the best option according to environmental conditions which transformer works in:

	High Environmental Temperature	High Altitude	Rural Network	•	Over Load Conditions		
WCT		$\uparrow$	$\downarrow$	$\downarrow$	$\uparrow$	$\uparrow$	
HST	][	JI.	<b>1</b>	$\uparrow$	Ш	][	l

Meanwhile here is the advantage-disadvantage of the WCT-HST types:

- In HST type, tank pressure is more than WCT type. WCT type generally works under low pressure due to its open to atmosphere,
- In HST type, cooling/insulation oil does not contact to the air (theoretically). Therefore oil maintenance period is longer than WCT type,
- HST type transformers and their related parts generally work under higher

## **Specification**

General Information Power (kVA) 800 Input Voltage (kV) from 6.3 upto 36 Output Voltage (V) 400-410-416-431 or as per requested voltage Type With conservator tank or hermetically sealed Mounting Type Pad or pole mounted Origin Turkey Technical Datas Max. Environmental Temperature (°C) Max. Altitude (m) As per customer request Magnetic Circuit Type Core Type Magnetic Circuit Material Coils Winding Material Copper and/or Aluminum Coil Geometry Round or oval Transformer Tank Cooling Type ONAN or KNAN Cooling Type ONAN or KNAN						
Input Voltage (kV) from 6.3 upto 36 Output Voltage (V) 400-410-416-431 or as per requested voltage Type With conservator tank or hermetically sealed Mounting Type Pad or pole mounted Origin Turkey Technical Datas Max. Environmental 50 Temperature (°C) Max. Altitude (m) As per customer request Magnetic Circuit Type Core Type Magnetic Circuit Material CRGO (Cold-Rolled Grain Oriented silicon steel)  Coils Winding Material Copper and/or Aluminum Coil Geometry Round or oval Transformer Tank Cooling Type ONAN or KNAN	General Information					
Output Voltage (V)  Type  With conservator tank or hermetically sealed  Mounting Type  Origin  Turkey  Technical Datas  Max. Environmental  Temperature (°C)  Max. Altitude (m)  Magnetic Circuit Type  Magnetic Circuit Material  Coils  Winding Material  Coil Geometry  Transformer Tank  Cooling Type  With conservator as per requested voltage  With conservator tank or hermetically sealed  Pad or pole mounted  Turkey  Torkey  Turkey  Torkey  As per customer request  Core Type  CRGO (Cold-Rolled Grain Oriented silicon steel)  Coils  Winding Material  Copper and/or Aluminum  Round or oval  Transformer Tank  Cooling Type  ONAN or KNAN	Power (kVA)	800				
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Coil Geometry Round or oval Transformer Tank Cooling Type ONAN or KNAN	Coils					
Transformer Tank Cooling Type ONAN or KNAN	Winding Material	Copper and/or Aluminum				
Cooling Type ONAN or KNAN	Coil Geometry	Round or oval				
5 71	Transformer Tank					
Cooling Surface Corrugated wall	Cooling Type	ONAN or KNAN				
Confugated wall	Cooling Surface	Corrugated wall				
Surface Protection Paint or Galvanizing	Surface Protection	Paint or Galvanizing				

## **Product Gallery**



