

# 63 kVA Distribution Transformer



**Brand:** Datsan  
**Product Code:** DT63  
**Availability:** 2 - 3 Days  
**Weight:** 0.00kg  
**Dimensions:** 0.00mm x 0.00mm x 0.00mm

## 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 | High Humidity | Over Load Conditions | Unstable Loading |
|-----|--------------------------------|---------------|---------------|---------------|----------------------|------------------|
| WCT | ↑                              | ↑             | ↓             | ↓             | ↑                    | ↑                |
| HST | ↓                              | ↓             | ↑             | ↑             | ↓                    | ↓                |

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

temperature (If we evaluate WCT-HST work under same conditions).

## Specification

| General Information                 |   |
|-------------------------------------|---|
| Power (kVA)                         | 63  |
| 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) | 50  |
| 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                                    |
| Cooling Surface                     | Corrugated wall                                 |
| Surface Protection                  | Paint or Galvanizing                            |

## Product Gallery

