

# LTP

## Transformer & Power

A. d. Schleifmuehle 37  
28203 Bremen, Germany

### TECHNICAL SPECIFICATION

**NAME:** Three -phase oil-Immersed transformer according to IEC 60076- BS 171, with conservator, , suitable for outdoor installation, a maximum ambient temperature of 45 ° C and maximum altitude for installation of 1000 m above sea level, with copper windings, routine test and Tolerance according to IEC60076- BS 171

### Model-LTP

<b>Type -Model</b>	: LTP 3000/33	<b>Cooling method</b>	: ONAN
<b>Rated Capacity KVA</b>	: 3000 K.V.A.	<b>Operating duty</b>	: DB
<b>Rated Voltage</b>	: 33000/433 Volts	<b>Frequency (Hz)</b>	: 50
<b>Rated current</b>	: 52.48 / 4000 Amps.	<b>Mode</b>	: HT
<b>Tapping</b>	: HV side in 4 steps of 2.5%	<b>Class of Insulation Material</b>	: A
	: +5% to - 5%	<b>Mounting</b>	: Ground
<b>Vector Group</b>	: Dyn 11		
<b>Neutral Point</b>	: taken out on LV side with	100% rating Bus-Duct Type.	

<b>No load losses W</b>	: 3800	Tolerance : + 15%	<b>DIMENSIONS (Approximate)</b>
<b>Load losses at 75°C W</b>	: 23000	Tolerance : + 15%	<b>Length (mm)</b>
<b>Total losses W</b>	: 26800	Tolerance : + 10%	: 2450
<b>Short circuit voltage At 75°C (Impedance)</b>	: 6.50 %		<b>Width (mm)</b>
<b>Oil Quantity (Approx.)</b>	: 1540 Kgs./ 1880 Litres		: 3550
<b>Total Weight (Kg)</b>	: 8400		<b>Height (mm)</b>
			: 2750

<b>Regulation at Rated Current</b>	At U.P.F. 1.03%	At 0.80 P.F. 4.18%
<b>Efficiency at Rated Current</b>	At 125% 98.66%	At 100% 98.84%
	At 75% 99.06%	At 50% 99.35%
	At 25% 99.14%	---

**Standard Accessories** : As per customer's specifications

**Bushings** : HV 3 pcs. IS:3347 similar to DIN 42531  
: LV 4 pcs. IS:3347 similar to DIN 42530 (**Cable Box**)

**Painting** : Standard Transformer Colour or as per customer's requirement

**Notes** : Max. ambient temperature 45°C  
: Max. over temperature of oil 50°C  
: Max. over temperature of winding 55°C  
: Lightning Impulse withstand test 175 K.V.P  
: Applied Voltage withstand test HV 70 K.V.R.M.S.  
LV 3 K.V.R.M.S.

**Inscription** : English

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**Bremen**