

# 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 100/1.727	<b>Cooling method</b>	: ONAN
<b>Rated Capacity KVA</b>	: 100 KVA	<b>Operating duty</b>	: DB
<b>Rated Voltage</b>	: 1727 / 380Volts	<b>Frequency (Hz)</b>	: 50
<b>Rated current</b>	: 33.43 / 151.93 Amps.	<b>Mode</b>	: LT
<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 / Pole
<b>Vector Group</b>	: Yy 11		
<b>Neutral Point</b>	: taken out on LV side with		100% rating inside LV Cable Box

<b>No load losses</b>	<b>W</b>	: 280	Tolerance : + 15%
<b>Load losses at 75°C</b>	<b>W</b>	: 1800	Tolerance : + 15%
<b>Total losses</b>	<b>W</b>	: 2080	Tolerance : + 10%
<b>Short circuit voltage</b>			
<b>At 75°C (Impedance)</b>		: 4.50 %	Tolerance : + 10%
<b>Oil Quantity (Approx.)</b>		: 148 Kgs./	180 Litres
<b>Total Weight (Kg)</b>		: 680	

#### DIMENSIONS (Approximate)

<b>Length (mm)</b>	: 1100
<b>Width (mm)</b>	: 1100
<b>Height (mm)</b>	: 1500

<b>Regulation at</b>			
<b>Rated Current</b>	At U.P.F. 1.64%	At 0.80 P.F.	3.66%
<b>Efficiency at</b>	: At 125%	97.98%	At 100%
<b>Rated Current</b>	: At 75%	98.40%	At 50%
	: At 25%	98.60%	---

**Standard** : AS per Customer Request

**Accessories**

**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 55°C  
: Max. over temperature of winding 60°C

: Applied Voltage withstand test	HV	7	K.V.R.M.S.
	LV	3	K.V.R.M.S.

**Inscription** : English

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**Bremen**