

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

Type -Model	: LTP 30/1.727	Cooling method	: ONAN
Rated Capacity KVA	: 30 KVA	Operating duty	: DB
Rated Voltage	: 380 / 1727Volts	Frequency (Hz)	: 50
Rated current	: 45.58 / 10.63 Amps.	Mode	: LT
Tapping	: HV side in 4 steps of 2.5%	Class of Insulation Material	: A
	: +5% to – 5%	Mounting	: Ground / Pole
Vector Group	: Yy 11		
Neutral Point	: taken out on LV side with		100% rating inside LV Cable Box

No load losses W	: 110	Tolerance : + 15%	
Load losses at 75°C W	: 760	Tolerance : + 15%	
Total losses W	: 870	Tolerance : + 10%	
Short circuit voltage At 75°C (Impedance)	: 4.50 %	Tolerance : + 10%	
Oil Quantity (Approx.)	: 65 Kgs./ 80 Litres		
Total Weight (Kg)	: 320		

DIMENSIONS (Approximate)

Length (mm)	: 900
Width (mm)	: 900
Height (mm)	: 1050

Regulation at Rated Current	At U.P.F. 2.59%	At 0.80 P.F. 4.21%
Efficiency at Rated Current	: At 125% 97.73%	: At 100% 96.50%
	: At 75% 97.67%	: At 50% 97.56%
	: At 25% 97.94%	: ---

Standard 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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