

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- 1200/20	Cooling method	: ONAN
Rated Capacity KVA	: 1200 KVA	Operating duty	: DB
Rated Voltage	: 20,000/400 Volts	Frequency (Hz)	: 50
Rated current	: 34.64 / 1732.1 Amps.	Mode	: LT
Tapping	: HV side in 6 steps of 2.5%	Class of Insulation Material	: A
	: +5% to – 10%	Mounting	: Ground
Vector Group	: Dyn 11		
Neutral Point	: taken out on LV side with		100% rating inside LV Cable Box

No load losses	W	: 1900	Tolerance : + 15%
Load losses at 75°C	W	: 18000	Tolerance : + 15%
Total losses	W	: 19900	Tolerance : + 10%
Short circuit voltage			
At 75°C (Impedance)		: 6.15 %	
Oil Quantity (Approx.)		: 1100 Kgs./ 11350Litres	
Total Weight (Kg)		: 6200	

DIMENSIONS (Approximate) Without Radiators

Length (mm)	: 1900
Width (mm)	: 1600
Height (mm)	: 2400/2050

Regulation at			
Rated Current	At U.P.F. 1.04%	At 0.80 P.F.	4.42%
Efficiency at	: At 125%	98.78%	At 100%
Rated Current	At 75%	99.18%	At 50%
	At 25%	99.29%	---

Standard Accessories : As per customer 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	55°C
	: Max. over temperature of winding	65°C
	: Lightning Impulse withstand test	110 K.V.P
	: Applied Voltage withstand test	HV 52 K.V.R.M.S.
		LV 3 K.V.R.M.S.

Inscription : English

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