

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 -2000/6.6 | Cooling method | : ONAN |
| Rated Capacity KVA | : 2000 KVA | Operating duty | : DB |
| Rated Voltage | : 6600/400 Volts | Frequency (Hz) | : 50 |
| Rated current | : 175 / 2886.8 Amps. | Mode | : LT |
| Tapping | : HV side in 4 steps of 2.5% | Class of Insulation Material | : A |
| | : +5% to – 5% | Mounting | : Ground |
| Vector Group | : Dyn 11 | | |
| Neutral Point | : taken out on LV side with | 100% rating inside LV Cable Box | |

| | | | |
|-------------------------------|--------------|-------------------|---------------------------------|
| No load losses W | : 2600 | Tolerance : + 15% | DIMENSIONS (Approximate) |
| Load losses at 75°C W | : 20100 | Tolerance : + 15% | Length (mm) |
| Total losses W | : 22700 | Tolerance : + 10% | : 2700 |
| Short circuit voltage | | | Width (mm) |
| At 75°C (Impedance) | : 6.25 % | Tolerance + 10 % | : 2900 |
| Oil Quantity (Approx.) | : 1312 Kgs./ | 1600 Litres | Height (mm) |
| Total Weight (Kg) | : 6100 | | : 2150 |

| | | | |
|----------------------|-----------------|--------------|---------|
| Regulation at | | | |
| Rated Current | At U.P.F. 1.20% | At 0.80 P.F. | 4.60% |
| Efficiency at | : At 125% | 99.10% | At 100% |
| Rated Current | At 75% | 99.08% | At 50% |
| | At 25% | 99.23% | --- |

Standard : As per customer's specifications
Accessories

Bushings : HV 3 pcs. IS:3347 similar to DIN 42531 **(Cable Box)**
: 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 48 K.V.P
: Applied Voltage withstand test HV 18 K.V.R.M.S.
LV 3 K.V.R.M.S.

Inscription : English

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