



TRANS TECH HANDELS GMBH

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

Type	: TTH 300/11	Cooling method	: ONAN
Rated Capacity KVA	: 300 KVA	Operating duty	: DB
Rated Voltage	: 11000/415 Volts	Frequency (Hz)	: 50
Rated current	: 15.75/417.36 Amps.	Mode	: LT
Tapping	: HV side in 6 steps of 2.5% : +5% to -7.5%	Class of Insulation Material	: A
Vector Group	: Dyn 11		
Neutral Point	: taken out on LV side with 100% rating inside LV Cable Box		

No load losses W	: 560	Tolerance : + 15%
Load losses at 75°C W	: 4150	Tolerance : + 15%
Total losses W	: 4710	Tolerance : + 10%
Short circuit voltage At 75°C (Impedance)	: 4.75 %	
Oil Quantity (Approx.)	: 290 Kg./ 350 Litre	
Total Weight (Kg)	: 1300	

DIMENSIONS (Approximate)

Length (mm)	: 1240
Width (mm)	: 1175
Height (mm)	: 1690

Regulation at Rated Current	At U.P.F. 1.49%	At 0.80 P.F. 3.87%
Efficiency at Rated Current	At 125% 98.16%	At 100% 98.45%
	At 75% 98.73%	At 50% 98.95%
	At 25% 98.92%	---

Standard Accessories : As per GA Drawing

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 95 KVP
: Applied Voltage withstand test HV 28 KVRMS
LV 3 KVRMS

Inscription : English

Trans Tech Handels GmbH

Bremen