



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 200/11	Cooling method	: ONAN
Rated Capacity KVA	: 200 KVA	Operating duty	: DB
Rated Voltage	: 11000/415 Volts	Frequency (Hz)	: 50
Rated current	: 10.50/278.24 Amps.	Mode	: LT
Tapping	: HV side in 6 steps of 2.5%	Class of Insulation Material	: A
	: +5% to -7.5%		
Vector Group	: Dyn 11		
Neutral Point	: taken out on LV side with	100% rating inside LV Cable Box	

No load losses W	: 430 Tolerance : + 15%	DIMENSIONS (Approximate)	
Load losses at 75°C W	: 3150 Tolerance : + 15%	Length (mm)	: 1260
Total losses W	: 3580 Tolerance : + 10%	Width (mm)	: 1130
Short circuit voltage		Height (mm)	: 1500
At 75°C (Impedance)	: 4.50%		
Oil Quantity (Approx.)	: 203 Kg./245 Litre		
Total Weight (Kg)	: 998		

Regulation at			
Rated Current	At U.P.F. 1.66%	At 0.80 P.F.	3.82%
Efficiency at	: At 125% 97.90%	At 100%	98.24%
Rated Current	At 75% 98.55%	At 50%	98.80%
	At 25% 98.76%	---	

Standard : As per GA Drawing 1-200/N-4/1
Accessories

Bushings : HV 3 pcs. DIN 42531 (**Cable Box**)
: LV 4 pcs. 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
: Test with applied withstand alternating voltage HV 28 KVRMS
LV 3 KVRMS

Inscription : English

Trans Tech Handels GmbH

Bremen