



TRANS TECH HANDELS GMBH

A.d. Schleifmuehle 37
28203 Bremen, Germany

TECHNICAL SPECIFICATION

NAME: Three - phase oil - immersed transformer according to IEC60076 – 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 200/33	Cooling method	: ONAN
Rated Capacity KVA	: 200 KVA	Operating duty	: DB
Rated Voltage	: 33000/415 Volts	Frequency (Hz)	: 50
Rated current	: 3.50//278.24 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	: 525	Tolerance : + 15%
Load losses at 75°C W	: 3300	Tolerance : + 15%
Total losses W	: 3825	Tolerance : + 10%
Short circuit voltage At 75°C (Impedance)	: 4.50 %	
Oil Quantity (Approx.)	: 265 Kg./ 320 Litre	
Total Weight (Kg)	: 1095	

DIMENSIONS (Approximate)

Length (mm)	: 1115
Width (mm)	: 1015
Height (mm)	: 1890

Regulation at Rated Current	At U.P.F. 1.75%	At 0.80 P.F. 3.86%
Efficiency at Rated Current	At 125% 97.78%	At 100% 98.24%
	At 75% 98.44%	At 50% 98.67%
	At 25% 98.76%	---

Standard Accessories : As per GA Drawing 3-200/C-4/1

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 200 KVP
: Applied Voltage withstand test HV 70 KVRMS
LV 3 KVRMS

Inscription : English

Trans Tech Handels GmbH

Bremen