TRANSFORMER

Three-Phase-Oil-immersed-Transformer in hermetic design
Routine tests, design and tolerances according to IEC 60076

- Design according to DIN 42500 and IEC 60076, as well as ÖVE EN 60076
- For indoor or outdoor installation up to 1000 m above sea level
- Maximum ambient temperature: 40°C
- Insulation class A
- Protective system IP 54, terminals IP00
- Provision for Lifting and Jacking
- Adjustable conveyor rollers for longitudinal and transverse run
- Earthing screw and base frame
- Coat of paint according SGB-standards, final colour RAL 7033, thickness of layer 125 µm
- Oil fill neck according to DIN 42553, waste oil screw according to DIN 42551
- ONAN type natural cooling

Appurtenances and Accessories

- Coolant Nynas Nytro 10BN
- OS-Taps five-step change connections during idle conditions
- Windings
  - OS: Winding in layers
  - US: Tape windings
- Transformer protection block, type R.I.S.
- Elastimold-Connection 19kV-side

Make: SGB
Type: DOTEL 1250 H 20

Rated output:	**1250**	**kVA**
Primary voltage:	19	kVA
OS-Taps:	±2*2,5	%
Under voltage:	400	V
Rated voltage (OS/US):	24	kV
Test alternating voltage:	50	kV
Lightning surge voltage:	125	kV
Frequency:	50	Hz
Connection:	Dyn5	
Short circuit voltage:	6	%
No-load losses:	1350	W
Short circuit losses:	13500	W at 75°C
Length a:	~ 1880	mm
Width b:	~ 1000	mm
Height of cover h1:	~ 1880	mm
Total Height h2:	~ 1480	mm
Diameter of rollers d:	~ 160	mm
Wheel gauge e:	~ 820	mm
Duct distance OS f1:	~ 265	mm
Duct distance US f2:	~ 150	mm
Transformer – Weight:	~ 3120	kg
Oil weight:	~ 730	kg
Sound level in 1 m distance:	54	db (A) (3 dB (A) tolerance)
Corrosion Protection:	hot-dip galvanized	

PRICE ON APPLICATION