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VELTRIUM

É N E R G I E

Oil-immersed transformer

Reference specification - 630 kVA / 20 kV / 400 V. Project execution data and manufacturer-guaranteed values are issued with the offer.

Technology	Oil-immersed
Rated power	630 kVA
Phases	3
Frequency	50 Hz
Primary voltage	20 kV
Secondary voltage	400 V
Highest voltage for equipment	Um 24 kV
Vector group	Dyn11
Winding material	Copper / copper
Core	Manufacturer confirmation
Efficiency basis	EU Tier 2 basis; guaranteed losses with offer
No-load losses	Manufacturer confirmation
Load losses	Manufacturer confirmation
Loss reference temperature	Manufacturer confirmation
Short-circuit impedance	Manufacturer confirmation
Tap changer	DETC
Tap range	$\pm 2 \times 2.5$ % reference basis
Cooling	ONAN
Temperature rise	Manufacturer confirmation
Insulation temperature class	Manufacturer confirmation
Fire / environment / climate	Not applicable
Dielectric	Mineral oil reference basis
Protection / temperature monitoring	DGPT2 / thermometer as specified
HV terminals	Manufacturer confirmation
LV terminals / neutral	Manufacturer confirmation
Enclosure	Bare unit; IP enclosure by project
Sound level	Manufacturer confirmation
Overall dimensions	Manufacturer confirmation
Net mass	Manufacturer confirmation
Oil volume	Manufacturer confirmation
Service conditions	Ambient / altitude / site conditions by project
Routine tests	IEC 60076-1
Documentation	Approved TDS, drawings, serial-number test report, nameplate and agreed manuals