



Technical Specification - Item 160 (15Q2655838)

Characteristic

Product name		Liquid-Filled Groundmount Transformer; 3PH, 500 kVA, HV 33000D , LV 415yn
Country of origin		Turkey
Rated power	[kVA]	500
Insulation Liquid		Mineral Oil
High voltage	[V]	33000
High voltage tapplings (DETC)		+2 -2 2.5%
Low voltage at no load	[V]	415
High voltage insulation level	[kV]	LI 170 / AC 70 / Um 36
Low voltage insulation level	[kV]	LI - / AC 3 / Um 1.1
Frequency	[Hz]	50
Number of phases		3
Vector group		Dyn11
Ambient temperature	°C	40 / / 20
max./monthly/annual average		
Max. average temperature rise (Oil/Winding)	[C/C]	60 / 65
Surface treatment		Painted, RAL 7033
Altitude (a.s.l.)	[m]	<1000
Location		Indoor/Outdoor

Performance values

Standards		IEC 60076
Impedance	[%]	4.5(+/-10%)
No load losses	[W]	1350(+15%)
Load losses at 75 °C	[W]	7200(+15%)

Preliminary dimensions and weight

Length	[mm]	1350
Width	[mm]	960
Height	[mm]	1500
Roller distance (c/c)	[mm]	x
Oil Weight	[kg]	320
Total weight	[kg]	1550

Type of design

Tank construction	Corrugation, Hermetically sealed
Cooling	ONAN
High voltage winding conductor material	Cu
Low voltage winding conductor material	Cu

Standard Features/Accessories - Item 160

Off-Load Tap Changer
DIN type HV and LV bushings
Pressure Relief Valve

ABB ELEKTRİK SANAYİ A.Ş.