



**Project Name:**  
**Date: 1-8-2017**

### Technical Specification – 1000 KVA 15-0.4 KV

Characteristic	
Product name	Liquid-Filled Groundmount Transformer; 3PH, 1000 kVA, HV 15000 V, LV 400 V
Country of origin	Egypt
Rated power [kVA]	1500
Primary voltage [V]	15000
Primary Tapings	+ 2 X 2.5 % / - 2 X 2.5 %
Secondary voltage at no load [V]	400
Primary insulation level [kV]	LI 75 / AC 28 / Um 12
Secondary insulation level [kV]	LI 10 / AC 3 / Um 1.1
Frequency [Hz]	50
Number of phases	3
Vector group	Dyn11
Ambient temperature max./monthly/annual average °C	45 / 35 / 25
Max. average temperature rise (Oil/Wdg) [C/C]	55/60
Temperature class (Oil/Wdg)	A
Altitude (a.s.l.) [m]	<1000
Location	OU D

### Performance values

Standards	IEC 60076
Impedance [%]	6
No load losses [W]	1800 (15%)
Load losses at 95 °C [W]	12000 (15%)

### Preliminary dimensions and weight

Length [mm]	1950
Width [mm]	1290
Height [mm]	1850
Roller distance (c/c) [mm]	820
Total weight [kg]	2820

### Type of design IP00

Cooling	ONAN
Primary winding conductor material	Cu
Secondary winding conductor material	Cu
Tank Construction	Hermitically Sealed

### Accessories

LV – LV Porcelain Bushings  
HV – HV Porcelain Bushings  
Dial Type Thermometer  
Drain/sampling device  
Standard Rating Plate  
Bi-directional rollers  
Oil Level Indicator  
Pressure Relief Device