



POWERCREST

Oil Distribution Transformers



Hermetically Sealed



With Conservator

HV Rated voltage: 6 - 36 kV

Tapping's: $\pm 2 \times 2,5\%$

LV Rated voltage: 0,400 /231V; 0,415/240V; 0,420/242V

Frequency: 50 / 60 Hz

Winding: Cu (Al)

Connection: Yzn1, Dyn1 (Standard), Dyn 11, Dyn 5

Cooling: ONAN. The cooling is obtained by means of radiators or corrugated steel sheets.

Indoor and Outdoor installation: The tank is made of welded reinforced steel sheet, painted internally and externally with corrosion proof special episodic enamel.

Oil: Transformer is filled with mineral oil according to CEI standard .

Standard accessories: Name plate, Earthing terminal, Lifting lugs and Bidirectional rollers.

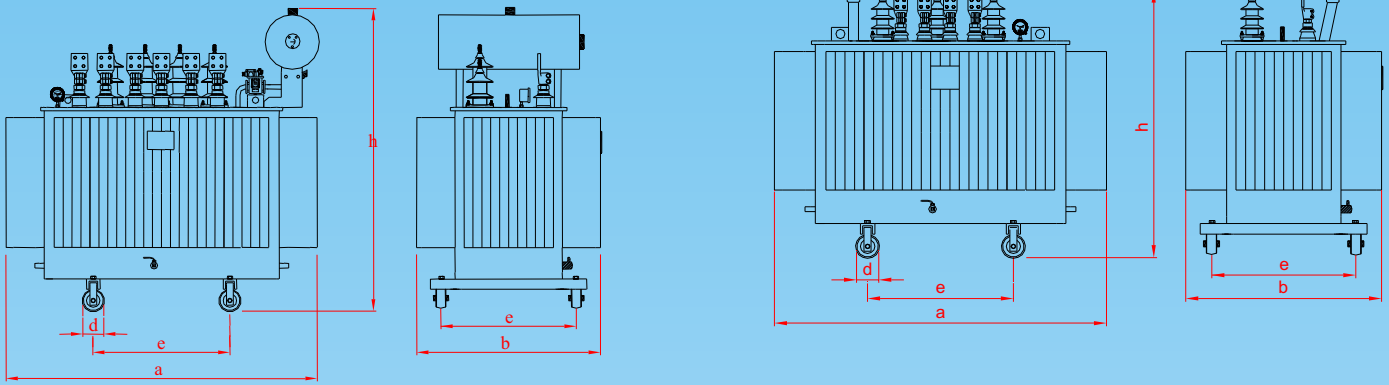
Special Order:

We can build special transformers in compliance with specific customer requirements which could include voltage in to 36kV, additional accessories, reduced losses and synthetic oil without PCB substances

Transformers produced to IEC 60076 norms.

SONCAP CERTIFIED

Made in Czech Republic
by Eximet Trafo, spol. sr. o



THREE PHASES OIL IMMERSED TRANSFORMER WITH OIL KEEPER RATED VOLTAGE 11,0,415 kV							
APPLIED STANDARD		EN 60076	EN 60076	EN 60076	EN 60076	EN 60076	
PHASES		3	3	3	3	3	
TYPE OF COOLING		ONAN	ONAN	ONAN	ONAN	ONAN	
POWER	kVA	50	100	200	300	500	
FREQUENCY	Hz	50	50	50	50	50	
PRIMARY VOLTAGE	kV	11	11	11	11	11	
PRIMARY AC WITHSTAND VOLTAGE	kV	28	28	28	28	28	
PRIMARY LIGHTNING IMPULSE WITHSTAND VOLTAGE	kV	75	75	75	75	75	
SECONDARY VOLTAGE	kV	0,415	0,415	0,415	0,415	0,415	
SECONDARY AC WITHSTAND VOLTAGE	kV	3	3	3	3	3	
VECTOR GROUP		Dyn1	Dyn1	Dyn1	Dyn1	Dyn1	
TAPPING RANGE	%	+2x2,5	+2x2,5	+2x2,5	+2x2,5	+2x2,5	
AMBIENT TEMPERATURE	°C	40	40	40	40	40	
OIL TEMPERATURE RISE	K	60	60	60	60	60	
WINDING TEMPERATURE RISE	K	65	65	65	65	65	
IMPEDANCE VOLTAGE	%	4	4	4	4	4	
NO LOAD LOSSES	W	190	320	560	770	1100	
LOAD LOSSES	W	1350	2150	3560	5000	7200	
WEIGHT (approx.value)	kg	460	650	1030	1350	1580	
ALTITUDE	m	1000	1000	1000	1000	1000	
EFFICIENCY (cosφ = 1)							
100% load	%	96,9	97,5	97,9	98,1	98,3	
50% load	%	97,9	98,2	98,5	98,7	98,8	
DIMENSIONS (approx.value)	LENGTH	mm	900	1000	1200	1350	1550
	WIDTH	mm	650	750	800	900	1050
	HEIGHT	mm	1300	1350	1480	1550	1600

THREE PHASES OIL IMMERSED TRANSFORMER WITH OIL KEEPER RATED VOLTAGE 33,0,415 kV							
APPLIED STANDARD		EN 60076	EN 60076	EN 60076	EN 60076	EN 60076	
PHASES		3	3	3	3	3	
TYPE OF COOLING		ONAN	ONAN	ONAN	ONAN	ONAN	
POWER	kVA	50	100	200	300	500	
FREQUENCY	Hz	50	50	50	50	50	
PRIMARY VOLTAGE	kV	33	33	33	33	33	
PRIMARY AC WITHSTAND VOLTAGE	kV	70	70	70	70	70	
PRIMARY LIGHTNING IMPULSE WITHSTAND VOLTAGE	kV	170	170	170	170	170	
SECONDARY VOLTAGE	kV	0.415	0.415	0.415	0.415	0.415	
SECONDARY AC WITHSTAND VOLTAGE	kV	3	3	3	3	3	
VECTOR GROUP		Dyn1	Dyn1	Dyn1	Dyn1	Dyn1	
TAPPING RANGE	%	+2x2,5	+2x2,5	+2x2,5	+2x2,5	+2x2,5	
AMBIENT TEMPERATURE	°C	40	40	40	40	40	
OIL TEMPERATURE RISE	K	60	60	60	60	60	
WINDING TEMPERATURE RISE	K	65	65	65	65	65	
IMPEDANCE VOLTAGE	%	4.5	4.5	4.5	4.5	4.5	
NO LOAD LOSSES	W	230	380	640	920	1250	
LOAD LOSSES	W	1450	2350	3700	5000	7300	
WEIGHT (approx.value)	kg	650	920	1250	1470	1750	
ALTITUDE	m	1000	1000	1000	1000	1000	
EFFICIENCY (cosφ = 1)							
100% load	%	96.6	97.2	97.8	98.1	98.3	
50% load	%	97.6	98	98.4	98.7	98.8	
DIMENSIONS (approx.value)	LENGTH	mm	1150	1200	1370	1500	1600
	WIDTH	mm	720	800	880	990	1100
	HEIGHT	mm	1550	1600	1700	1750	1800

