

THREE-PHASE OIL IMMERSED HV/LV DISTRIBUTION TYPICAL TRANSFORMERS
TECHNICAL SPECIFICATION 20/0.4kV , BASED ON TAVANIR REQUIREMENTS
COMBINATION OF LOSSES ACC. HD 428.1.S1(ISIRI 13368):AB'

Description

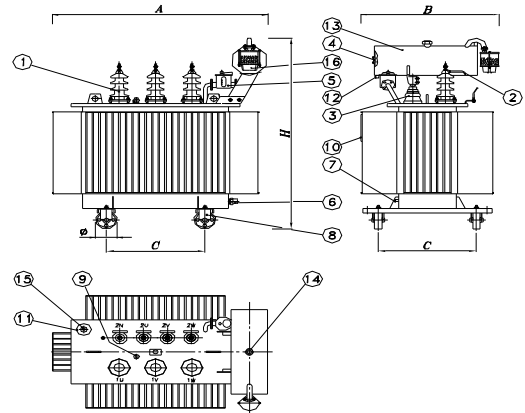
- Acc. to IEC standards;
 - Three-phase transformers, for indoor or outdoor use;
- Step-down type (1);
- Rated frequency: 50 Hz (1);
- Max ambient Temp : 45°C (1);
- Mineral oil immersed (1);
- Conservator Type(3);
- Cooling: ONAN ;
- Final colour RAL 7038 or 7032 (1);
- Operation altitude up to 1000m above sea level;

Power (1)	Voltage (1)		Taps in HV side (1)	Vector group (1)	Rated Impedance voltage	Losses		Noise level	Efficiency at full load(min) P.F.=0.8	Total Weight (max)	Overall dimensions(max)			Wheels interval	Wheel diameter
	HV	LV				No-load	Load (2)				A	B	H		
	[kV]	[kV]				[%]	[W]				[W]	[mm]	[mm]		
25	20	0.4	±1*4	Yzn5	4	90	800	46	95.70	335	777	690	1216	520	-
50	20	0.4	±1*4	Yzn5	4	145	1100	50	96.82	465	862	702	1291	520	-
75	20	0.4	±1*4	Yzn5	4	203	1420	52	97.20	570	933	707	1456	520	-
100	20	0.4	±1*4	Yzn5	4	260	1750	54	97.42	650	988	713	1397	520	-
125	20	0.4	±1*4	Yzn5	4	305	1990	55	97.63	805	1060	735	1470	520	-
160	20	0.4	±1*4	Yzn5	4	375	2350	57	97.81	895	1081	730	1467	520	-
200	20	0.4	±1*4	Yzn5	4	440	2760	58	97.91	995	1146	735	1543	520	-
250	20	0.4	±2*2.5	Dyn5	6	530	3250	60	98.00	1180	1266	755	1516	520	-
315	20	0.4	±2*2.5	Dyn5	6	625	3840	61	98.11	1350	1543	878	1597	670	-
400	20	0.4	±2*2.5	Dyn5	6	750	4600	63	98.22	1595	1643	878	1828	670	150
500	20	0.4	±2*2.5	Dyn5	6	840	5370	64	98.31	1870	1678	928	1868	670	150
630	20	0.4	±2*2.5	Dyn5	6	940	6750	65	98.37	2225	1728	983	1958	670	150
800	20	0.4	±2*2.5	Dyn5	6	1155	8450	67	98.38	2740	1773	1098	2000	670	150
1000	20	0.4	±2*2.5	Dyn5	6	1400	10500	68	98.41	3250	1880	1073	2215	820	200
1250	20	0.4	±2*2.5	Dyn5	6	1760	13180	69	98.41	3910	1985	1230	2295	820	200
1600	20	0.4	±2*2.5	Dyn5	6	2200	17000	71	98.39	4650	2136	1229	2437	820	200
2000	20	0.4	±2*2.5	Dyn5	6	2800	21250	72	98.40	5765	2270	1400	2520	1070	200

- (1) Others upon request, contact us.
 (2) Load loss at 75°C.
 (3) Hermetically sealed type transformer upon request

Standard Accessories of Distribution Transformer						
No.	Accessory	Power(kVA)				
		25-160	200-315	400-500	630-800	1000-2000
1	HV bushing	•	•	•	•	•
2	Arcing horns	•	•	•	•	•
3	LV bushing	•	•	•	•	•
4	Oil level indicator	•	•	•	•	•
5	Buchholz relay	-	-	-	-	•
6	Oil drain & down sampling valve	•	•	•	•	•
7	Earthing bolt	•	•	•	•	•
8	Wheel	-	-	•	•	•
9	Off circuit tap changer	•	•	•	•	•
10	Name plate	•	•	•	•	•
11	Oil temperature indicator	-	-	-	•	•
12	Conservator tank with drain valve	•	•	•	•	•
13	Conservator	•	•	•	•	•
14	Conservator filling plug	•	•	•	•	•
15	Thermometer pocket	-	•	•	•	•
16	Dehydrating breather	•	•	•	•	•

• Applied accessory



- Notes :
 -For other electrical characteristics, dimensions and weights, please consult us.
 -Ask for confirmation of the information given in this publication. Present document will bind us only after confirmation from Marketing & sales department.