



**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(DIN 42500):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	Losses		Noise level	Efficiency at full load(min) P.F.=0.8	Total Weight (max)	Overall dimensions			Wheels interval	Wheel diameter	Wheels width
	HV	LV				No-load	Load (2)				A	B	H			
	[kVA]	[kV]														
25	20	400	±1*4	Yzn5	4	110	700	48	95.72	375	857	708	1236	520	-	-
50	20	400	±1*4	Yzn5	4	145	1100	50	96.76	525	900	715	1307	520	-	-
75	20	400	±1*4	Yzn5	4	203	1425	52	97.02	575	1001	707	1456	520	-	-
100	20	400	±1*4	Yzn5	4	260	1750	54	97.30	655	1012	713	1440	520	-	-
125	20	400	±1*4	Yzn5	4	310	2000	55	97.55	810	1066	735	1479	520	-	-
160	20	400	±1*4	Yzn5	4	375	2350	56	97.73	905	1108	730	1492	520	-	-
200	20	400	±1*4	Yzn5	4	445	2760	58	97.87	985	1106	806	1543	520	-	-
250	20	400	±2*2.5	Dyn5	6	530	3250	60	97.95	1185	1368	845	1516	520	-	-
315	20	400	±2*2.5	Dyn5	6	625	3850	61.5	98.11	1355	1560	970	1599	670	-	-
400	20	400	±2*2.5	Dyn5	6	750	4600	63	98.18	1595	1643	920	1840	670	150	50
500	20	400	±2*2.5	Dyn5	6	875	5450	64	98.31	1870	1702	970	1900	670	150	50
630	20	400	±2*2.5	Dyn5	6	940	6750	65	98.37	2225	1785	1060	1958	670	150	50
800	20	400	±2*2.5	Dyn5	6	1150	8500	66.4	98.38	2705	1980	1125	2025	670	150	50
1000	20	400	±2*2.5	Dyn5	6	1400	10500	68	98.41	3255	1948	1182	2289	820	200	68
1250	20	400	±2*2.5	Dyn5	6	1730	13200	69.25	98.38	3905	2082	1300	2320	820	200	68
1600	20	400	±2*2.5	Dyn5	6	2200	17000	71	98.39	4725	2438	1558	2490	820	200	68
2000	20	400	±2*2.5	Dyn5	6	2645	21200	72.4	98.40	5685	2470	1480	2520	1070	200	68

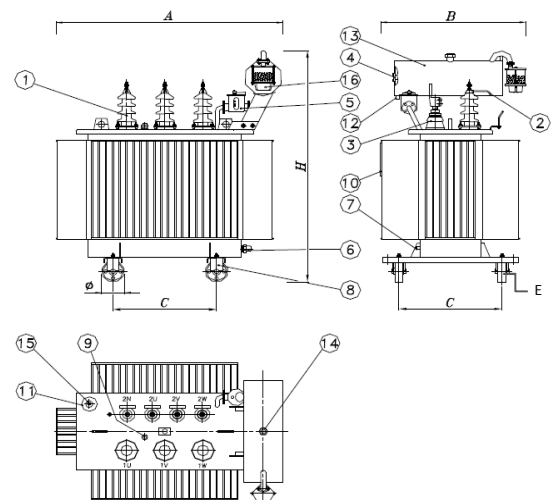
(1) Others upon request, contact us.

(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 & sampling valve	●	●	●	●	●
7	Earthing bolt	●	●	●	●	●
8	wheel	-	-	●	●	●
9	Off circuit tap changer	●	●	●	●	●
10	Name plate	●	●	●	●	●
11	Oil temperature indicator	-	-	-	●	●
12	Conservator tank 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. The present document will bind us only after confirmation from Marketing & sales department.
All rights reserved, Zangan Distribution Transformer Co, 2015.
www.tzco.com Document No. 940115