

Low Losses AB⁺-33kV



THREE-PHASE OIL IMMERSED HV/LV DISTRIBUTION TYPICAL TRANSFORMERS

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 : 55°C (1);
- Mineral oil immersed (1);
- Conservator Type(3);
- Cooling: ONAN ;
- Final colour RAL 7032;
- Operation altitude up to 1000m above sea level;

Power (1)	Voltage (1)		Taps in HV side (1)	Vector group (1)	Rated Impeda- nce 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				PO No-load	PK Load(2)				A	B	H	C	Ø
[kVA]	[kV]	[kV]	[%]		[%]	[W]	[W]	[d B]		[kg]	[mm]	[mm]	[mm]	[mm]	[mm]
25	33	0.4	±2*2.5	Yzn5	6	120	650	52	95.92	479	974	781	1354	520	---
50	33	0.4	±2*2.5	Yzn5	6	190	1050	52	96.73	584	1008	791	1369	520	---
75	33	0.4	±2*2.5	Yzn5	6	255	1350	54	97.16	745	1066	808	1519	520	---
100	33	0.4	±2*2.5	Yzn5	6	320	1650	56	97.36	810	1056	832	1589	520	---
125	33	0.4	±2*2.5	Yzn5	6	375	1855	57	97.62	904	1171	811	1569	520	---
160	33	0.4	±2*2.5	Yzn5	6	460	2150	59	97.83	1100	1196	791	1609	520	---
200	33	0.4	±2*2.5	Yzn5	6	545	2520	60	97.94	1240	1326	783	1594	520	---
250	33	0.4	±2*2.5	Dyn1	6	650	3000	62	98.05	1283	1356	801	1629	520	---
315	33	0.4	±2*2.5	Dyn1	6	760	3500	63	98.18	1541	1410	1010	1752	670	---
400	33	0.4	±2*2.5	Dyn1	6	900	4150	65	98.32	1880	1400	1013	1977	670	150
500	33	0.4	±2*2.5	Dyn1	6	1050	4730	66	98.46	2260	1772	1076	2157	670	150
630	33	0.4	±2*2.5	Dyn1	6	1300	5500	67	98.56	2680	1842	1176	2187	670	150
800	33	0.4	±2*2.5	Dyn1	6	1500	7000	68	98.58	3120	2025	1027	2238	670	150
1000	33	0.4	±2*2.5	Dyn1	6	1700	8900	68	98.58	3896	2075	1130	2353	820	200
1250	33	0.4	±2*2.5	Dyn1	6	2100	11500	70	98.55	4537	2145	1298	2438	820	200
1600	33	0.4	±2*2.5	Dyn1	6	2600	14500	71	98.56	5545	2205	1302	2513	820	200
2000	33	0.4	±2*2.5	Dyn1	6	3050	18000	73	98.59	6680	2341	1429	2607	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)				
		25-100	125-315	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	Drain valve for conservator	•	•	•	•	•
13	Conservator	•	•	•	•	•
14	Filling plug	•	•	•	•	•
15	Thermometer pocket	-	•	•	•	•
16	Dehydrating breather	•	•	•	•	•

• Applied accessory

