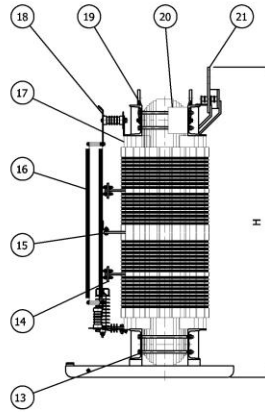
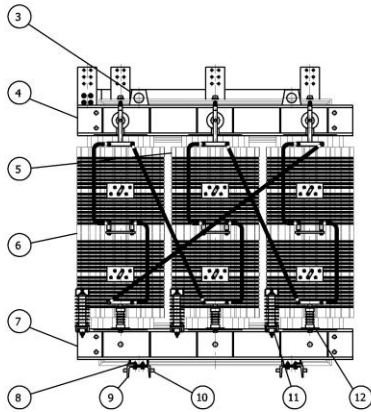
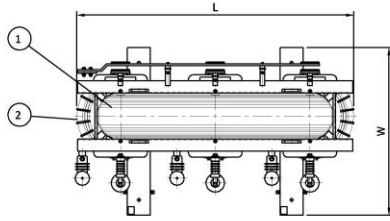


TECHNICAL DATA OF VENTILATED DRY TYPE THREE PHASE TRANSFORMER



ITEM	DESCRIPTION
1	CORE
2	HV & LV COIL
3	LIFTING EYES
4	LV & HV UPPER CLAMP
5	EPOXY GLASS WIRE SUPPORT
6	EPOXY GLASS PHASE BARRIER-CENTERED
7	LV & HV LOWER CLAMP
8	EARTH TERMINAL
9	BASE
10	ARRESTER GROUNDING FITTING
11	LIGHTNING ARRESTER
12	LOWER INSULATOR
13	CORE CLAMPING STAY
14	TAP CHANGER
15	DUAL HV SWITCH
16	DELTA LINK
17	EPOXY BLOCK
18	UPPER INSULATOR
19	COIL PRESSING BOLT
20	NAME PLATE
21	LV COPPER BARS

Rated primary voltage : 12/24kV, 22kV, 33kV

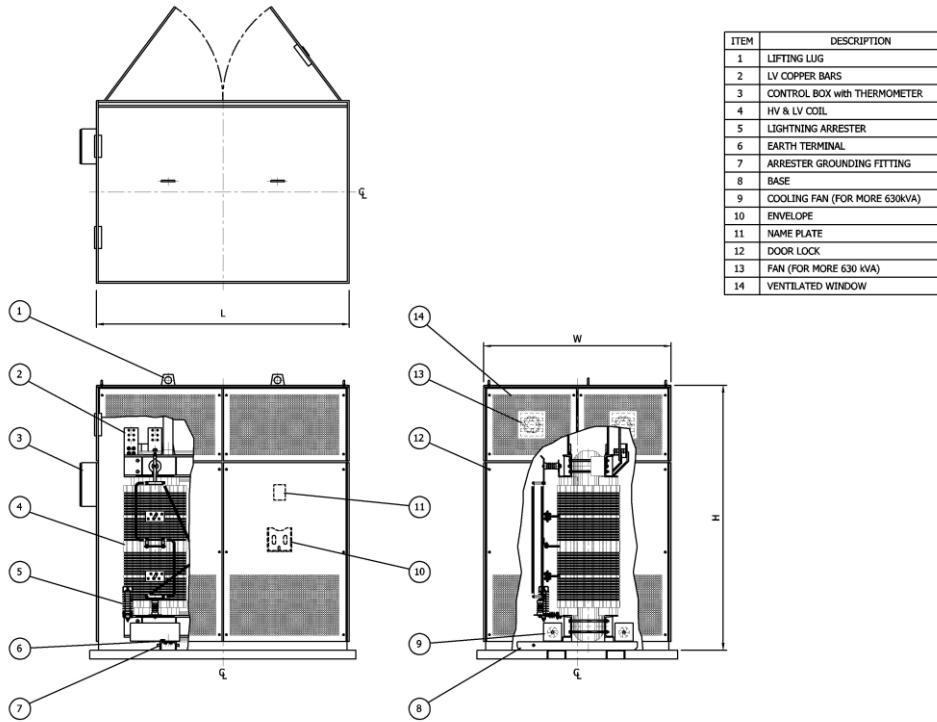
CAPACITY (kVA)	NO-LOAD LOSSES (Watt)	LOAD LOSSES AT 75 °C (Watt)	TOTAL LOSSES AT 75 °C (Watt)	IMPEDANCE AT 75 °C (%)	EFFICIENCY (P.F.=1)		VOLTAGE REGULATION AT FULL LOAD (P.F.=1) (%)	NOISE LEVEL dB (A) : 0.3 m	OUTLINE DIMENSION Approx.(mm.)			TOTAL WEIGHT Approx. (kg)
					½ Load (%)	Full Load (%)			W	L	H	
315	1200	4100	5300	4.0	98.61	98.35	1.37	60	900	1400	1290	1400
400	1400	4800	6200	4.0	98.72	98.47	1.27	60	920	1500	1350	1750
500	1650	5900	7550	4.0	98.77	98.51	1.25	60	940	1590	1380	2020
630	1960	6900	8860	4.0	98.84	98.61	1.17	62	955	1680	1420	2400
800	2300	8300	10600	6.0	98.92	98.69	1.21	64	975	1760	1450	2700
1000	2660	9600	12260	6.0	99.00	98.79	1.14	64	1000	1840	1500	2900
1250	3100	11800	14900	6.0	99.04	98.82	1.12	65	1030	1900	1550	3400
1600	3800	14000	17800	6.0	99.10	98.90	1.05	66	1065	2070	1700	4300
2000	5000	17000	22000	6.0	99.08	98.91	1.03	66	1080	2150	1920	4800
2500	5800	20000	25800	7.0	99.14	98.98	1.04	68	1100	1820	2050	5300

Note :

1. The transformer is designed to operate under the following conditions
 - Altitude : Up to 1000 m above sea level
 - Ambient air temperature : 40 °C maximum
2. Limits of temperature rise (winding) : 125 °C maximum
3. Insulation class : H (180°C)
4. Connection symbol : Dyn 11
5. Reference standard : IEC standard
6. Special vector group, other primary voltage and overload capability available upon request

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TECHNICAL DATA OF VENTILATED DRY TYPE THREE PHASE TRANSFORMER (IP21)



Rated primary voltage : 12/24kV, 22kV, 33kV

CAPACITY	NO-LOAD LOSSES	LOAD LOSSES AT 75 °C	TOTAL LOSSES AT 75 °C	IMPEDANCE AT 75 °C	EFFICIENCY (P.F.=1)		VOLTAGE REGULATION AT FULL LOAD (P.F.=1)	NOISE LEVEL dB (A) : 0.3 m	OUTLINE DIMENSION Approx.(mm.)			TOTAL WEIGHT Approx.
					1/2 Load (%)	Full Load (%)			W	L	H	
(kVA)	(Watt)	(Watt)	(Watt)	(%)			(%)					(kg)
315	1200	4100	5300	4.0	98.61	98.35	1.37	60	1400	1850	1700	1800
400	1400	4800	6200	4.0	98.72	98.47	1.27	60	1420	1950	1650	2100
500	1650	5900	7550	4.0	98.77	98.51	1.25	60	1440	2040	1680	2350
630	1960	6900	8860	4.0	98.84	98.61	1.17	62	1460	2130	1720	2800
800	2300	8300	10600	6.0	98.92	98.69	1.21	64	1480	2210	1750	3150
1000	2660	9600	12260	6.0	99.00	98.79	1.14	64	1500	2300	1800	3400
1250	3100	11800	14900	6.0	99.04	98.82	1.12	65	1530	2370	1850	3850
1600	3800	14000	17800	6.0	99.10	98.90	1.05	66	1570	2520	2080	4800
2000	5000	17000	22000	6.0	99.08	98.91	1.03	66	1570	2600	2200	5350
2500	5800	20000	25800	7.0	99.14	98.98	1.04	68	1600	2270	2350	5850

Note :

1. The transformer is designed to operate under the following conditions
 - Altitude : Up to 1000 m above sea level
 - Ambient air temperature : 40 °C maximum
2. Limits of temperature rise (winding) : 125 °C maximum
3. Insulation class : H (180°C)
4. Connection symbol : Dyn 11
5. Reference standard : IEC 60726 or IEC 60076-11
6. Special vector group, other primary voltage and overload capability available upon request

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