TBEA 特变电工
Always Reliable 全球信赖

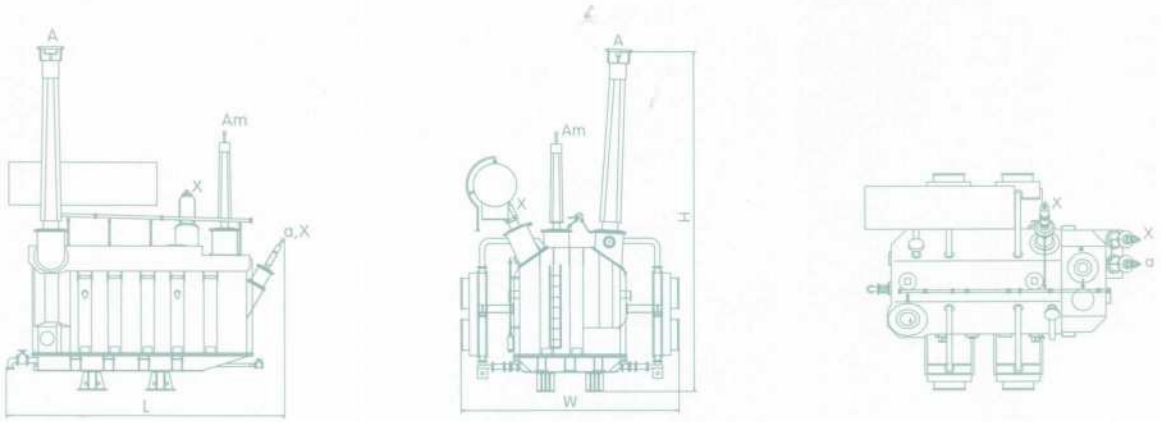
Oil-immersed Power Transformer

- 500kV Power Transformer
- 330kV Power Transformer
- 220kV Power Transformer
- 110kV Power Transformer

500kV Power Transformer

Product Feature

500kV Power Transformers are mainly used for ultra HV electric power transmission, power plant, substation, mining enterprises, and power distribution system. TBEA was the first professional enterprise in China to manufacture 500kV Transformers of all kinds with reliable performance. And its performance quota always goes to the top of Chinese tansformer industry. Through a lot of research and practice TBEA overcome five major technical barriers: partial discharge and reliable insulation structure, local overheat, short circuit strength, Oil-flow Electrification Phenomenon, transient over-voltage(VFTO). Take enviroment conservation into consideration, the Products possess features of less loss, low noise, leakage free, and so on. 500kV Three Phase Oil immersed Auto Transformer with no Load Tap Changer and Single Phase Oil immersed Power Transformer with No-load Tap Changer, developed by TBEA, were awarded First Prize of National Science & Technology Advance Prize in 2004.

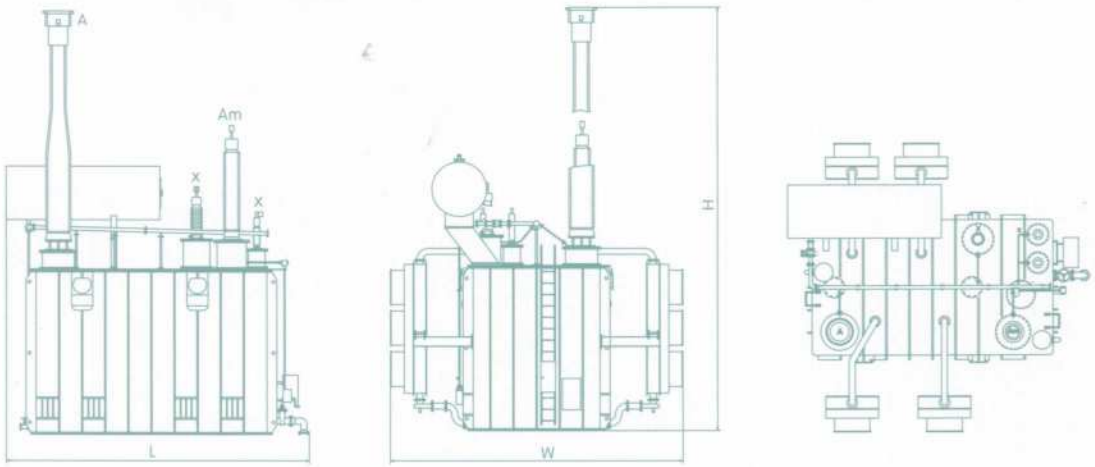


■ Outline Dimension Drawing of ODFPS-250000/500 Transformer

1 ODFPS-250000/500 Transformer

■ Technical Parameter

Type	Rated Capacity HV/MV/LV	Voltage Combination Tapping Range			Connection Symbol	Short Circuit Impedance			No Load Loss (kW)	Load Loss (kW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
		HV (kV)	MV (kV)	LV (kV)		HV-MV (%)	HV-LV (%)	MV-LV (%)				
ODFPS-250000/500	250MVA/250MVA/80MVA	$525/\sqrt{3}$	$230/\sqrt{3} \pm 2\times2.5\%$	36	Ia0i0	14.5	48	30.5	75	350	0.1	8600×6550×10370

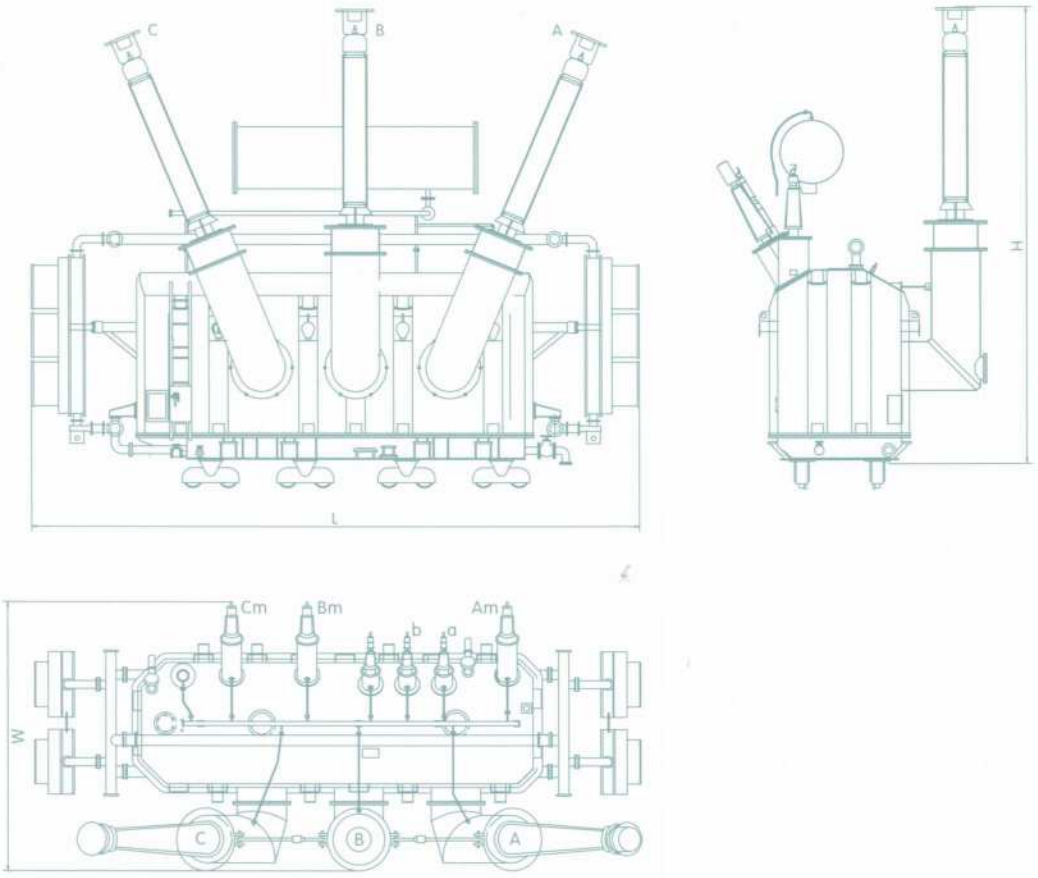


■ Outline Dimension Drawing of ODFPS-334000/500 Transformer

2 ODFPS-334000/500 Transformer

■ Technical Parameter

Type	Rated Capacity HV/MV/LV	Voltage Combination Tapping Range			Connection Symbol	Short Circuit Impedance			No Load Loss (kW)	Load Loss (kW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
		HV (kV)	MV (kV)	LV (kV)		HV-MV (%)	HV-LV (%)	MV-LV (%)				
ODFPS-334000/500	334MVA/334MVA/80MVA	$525/\sqrt{3}$	$230/\sqrt{3} \pm 2\times2.5\%$	36	Ia0i0	12	54	38	95	450	0.1	8300×7590×11200



■ Outline Dimension Drawing of OSFPS-180000/500 Transformer

3 OSFPS-180000/500 Transformer

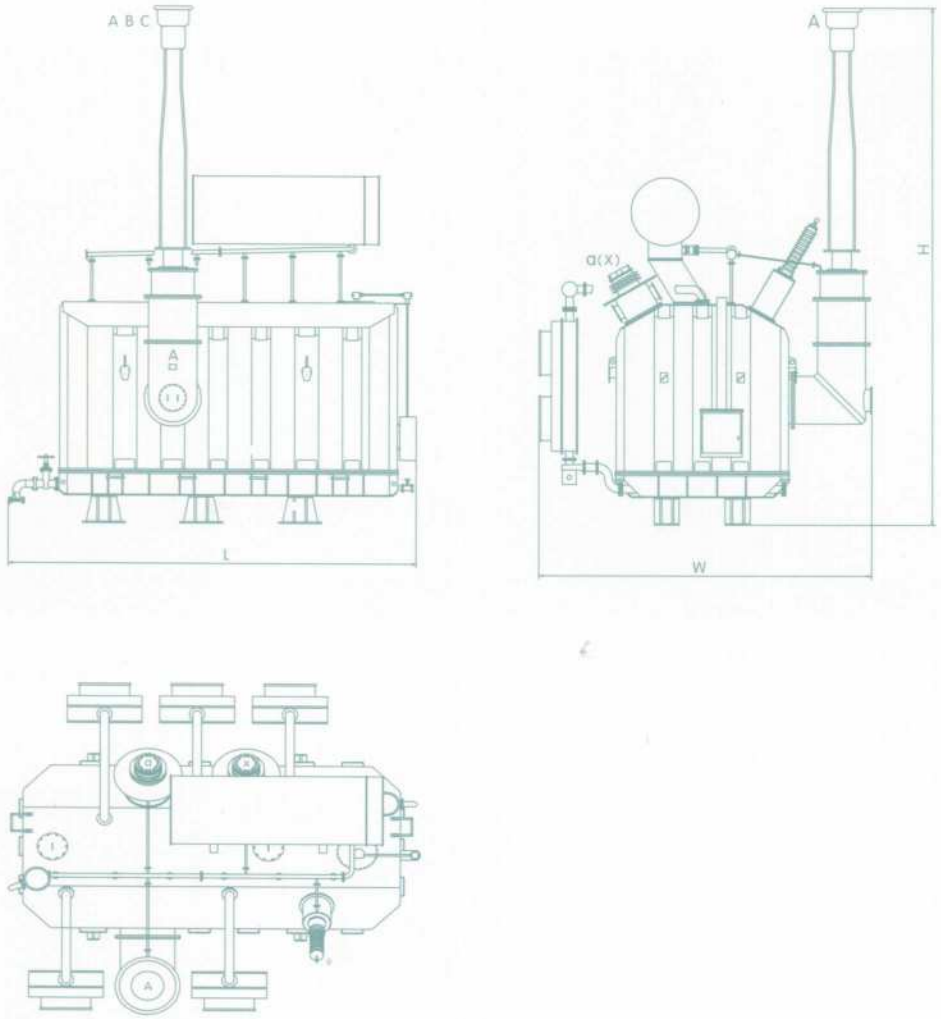
■ Technical Parameter

Type	Rated Capacity HV/MV/LV	Voltage Combination Tapping Range			Connection Symbol	Short Circuit Impedance			No Load Loss (kW)	Load Loss (kW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
		HV (kV)	MV (kV)	LV (kV)		HV-MV (%)	HV-LV (%)	MV-LV (%)				
OSFPS-180000/500	180MVA/180MVA/60MVA	525±2×2.5%	115	38.5	YNa0d11	14	31	16	80	525	0.1	12800×5700×11700

4 Other Types

■ Technical Parameter

Type	Rated Capacity HV/MV/LV	Voltage Combination Tapping Range			Connection Symbol	Short Circuit Impedance			No Load Loss (kW)	Load Loss (kW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
		HV (kV)	MV (kV)	LV (kV)		HV-MV (%)	HV-LV (%)	MV-LV (%)				
ODSPS-120000/500	120MVA/120MVA/30MVA	$550/\sqrt{3}$	$230/\sqrt{3} \pm 2\times2.5\%$	10.5	Ia0i0	12	34	20	55	210	0.1	9460×4250×7110
ODFPSZ-200000/500	200MVA/200MVA/50MVA	$525/\sqrt{3} \pm 8\times1.25\%$	$225/\sqrt{3}$	23	Ia0i0	13	32	17	75	350	0.1	8960×7460×10740
ODFS-250000/500	250MVA/250MVA/80MVA	$525/\sqrt{3}$	$230/\sqrt{3} \pm 2\times2.5\%$	36	Ia0i0	16	50	29.5	75	350	0.1	9860×9090×9810
ODFSZ-250000/500	250MVA/250MVA/80MVA	$525/\sqrt{3}$	$230/\sqrt{3} \pm 8\times1.25\%$	36	Ia0i0	12	44	29	75	350	0.1	8900×6980×10370
SFPS-160000/400	160MVA/100MVA/160MVA	$400 \pm 2\times2.5\%$	36	13.8	YNyn0d11	24	15	8	135	550	0.1	12090×5080×10400

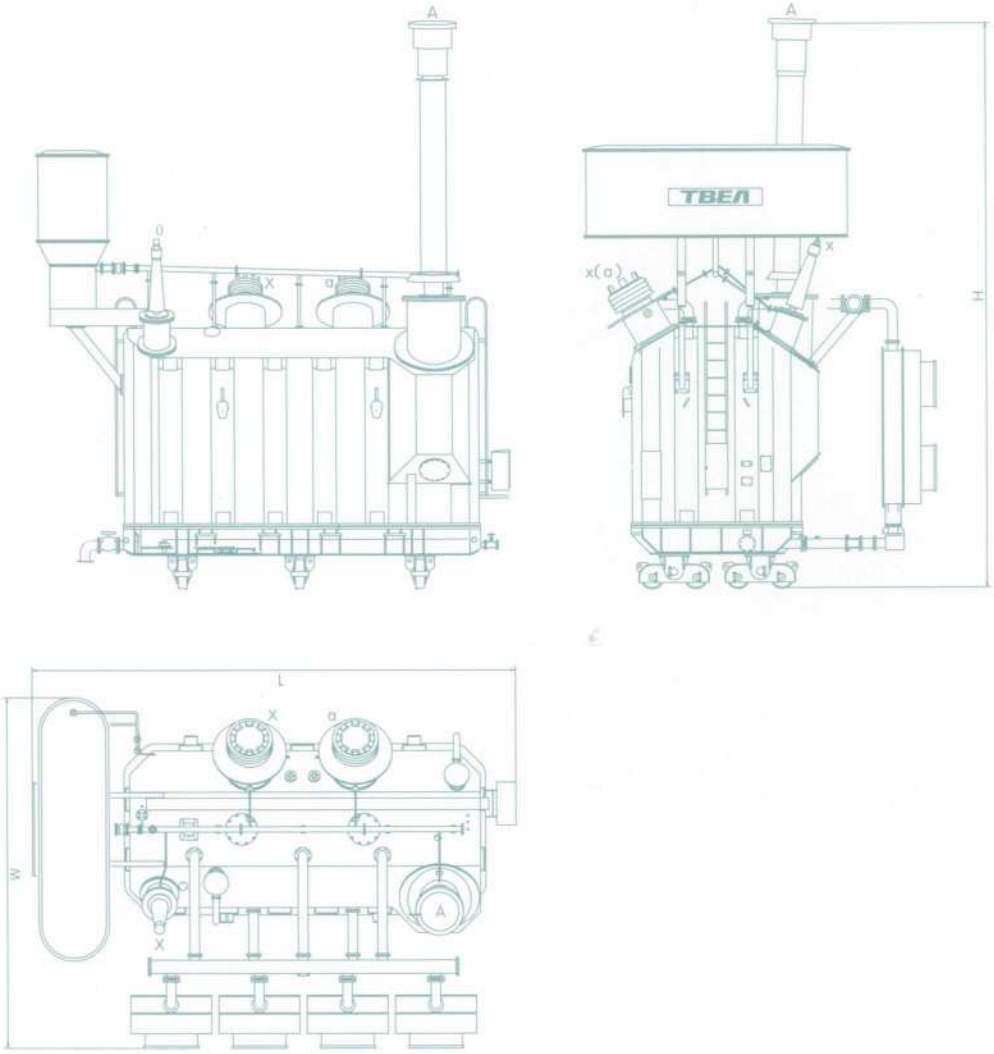


■ Outline Dimension Drawing of DFPZ-240000/400 Transformer

5 DFPZ-240000/400 Transformer

■ Technical Parameter

Type	Rated Capacity HV/LV	Voltage Combination Tapping Range		Connection Symbol	Short Circuit Impedance (%)	No Load Loss (kW)	Load Loss (kW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
		HV (kV)	LV (kV)						
DFPZ-240000/400	240MVA/ 240MVA	$400/\sqrt{3} \pm 8 \times 1.25\%$	20	Ii0	14	95	490	0.15	8840× 7130× 10870



■ Outline Dimension Drawing of DFP-260000/500 Transformer

7 DFP-260000/500 Transformer

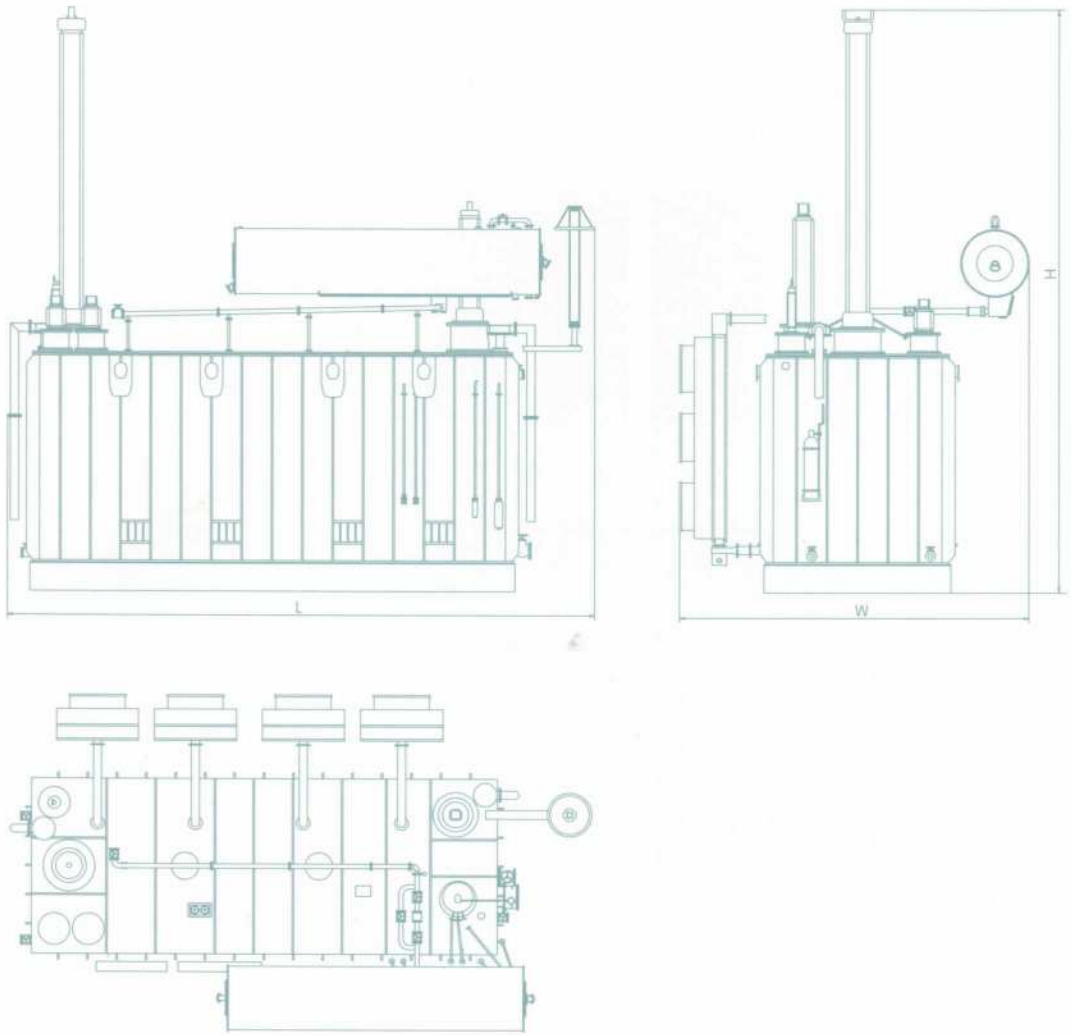
■ Technical Parameter

Type	Rated Capacity HV/LV	Voltage Combination Tapping Range		Connection Symbol	Short Circuit Impedance (%)	No Load Loss (kW)	Load Loss (kW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
		HV (kV)	LV (kV)						
DFP-260000/500	260MVA/ 260MVA	$525/\sqrt{3} \pm 2 \times 2.5\%$	20	Ii0	14	105	450	0.1	8550× 5990× 10900

8 Other Types

■ Technical Parameter

Type	Rated Capacity HV/LV	Voltage Combination Tapping Range		Connection Symbol	Short Circuit Impedance (%)	No Load Loss (kW)	Load Loss (kW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
		HV (kV)	LV (kV)						
DSP-130000/500	130MVA/ 130MVA	525±2×2.5%	18	Ii0	14	81	255	0.2	8050×3800×7260
DFP-170000/500	170MVA/ 170MVA	525±2×2.5%	20	Ii0	14.5	70	380	0.1	5100×6800×6670
DFP-240000/500	240MVA/ 240MVA	$525/\sqrt{3}\pm2\times2.5\%$	20	Ii0	14	97	435	0.1	7820×6150×11200
SFP-160000/400	160MVA/ 160MVA	400±2×2.5%	13.8	YNd11	14	125	500	0.25	8850×6000×11050
SSP-160000/500	160MVA/ 160MVA	525±2×2.5%	10.5	YNd11	14	105	460	0.2	10800×4950×7010
SSP-290000/500	290MVA/ 290MVA	525±2×2.5%	15.75	YNd11	14.5	140	620	0.1	11000×5500×7100
SSP-360000/500	360MVA/ 360MVA	525±2×2.5%	18	YNd11	14.5	140	825	0.1	12300×5870×7630
SFP-360000/500	360MVA/ 360MVA	525±2×2.5%	20	YNd11	14	155	795	0.1	9600×6900×11970
SFP-470000/500	470MVA/ 470MVA	525±2×2.5%	21	YNd11	14.5	200	1020	0.1	11200×6570×11470
SFP-480000/500	480MVA/ 480MVA	525±2×2.5%	20	YNd11	18	180	1010	0.1	10000×7210×11500

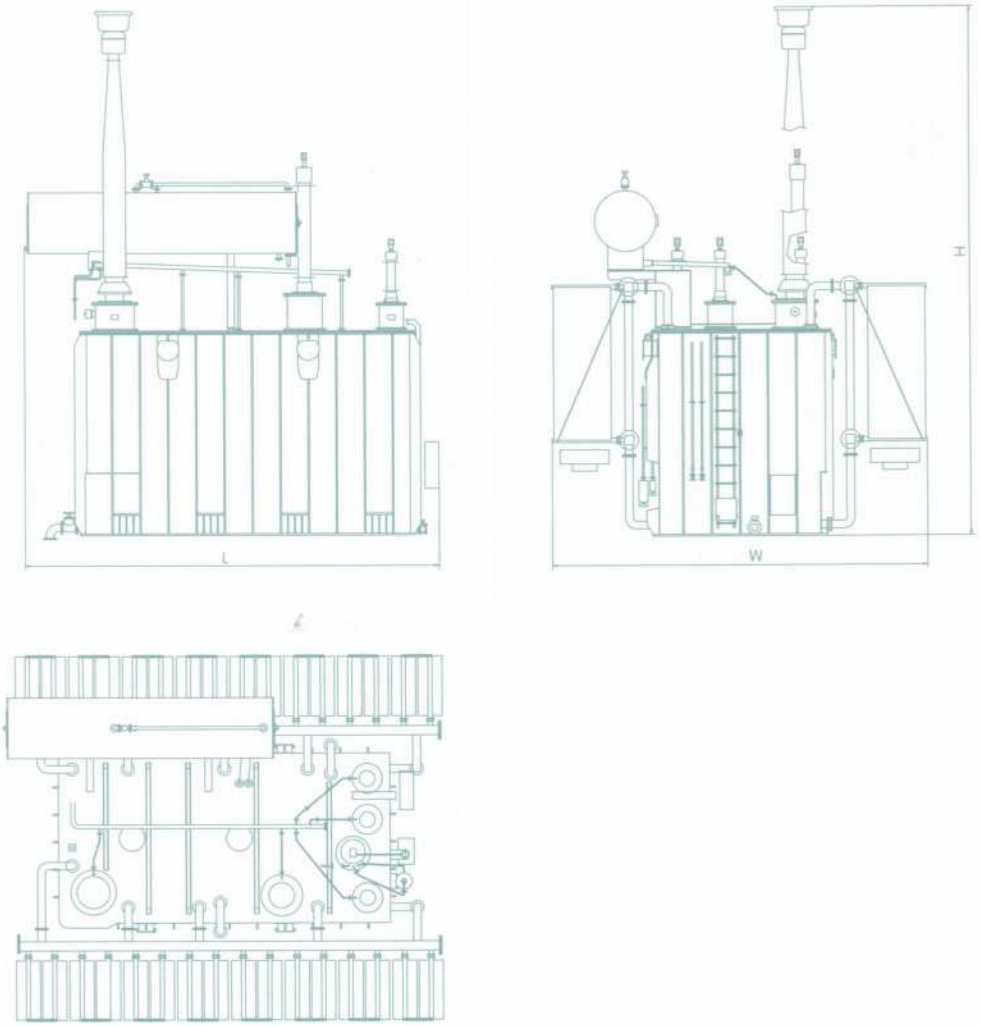


■ Outline Dimension Drawing of ODFPSZ-533000/500 Transformer

9 ODFPSZ-533000/500 Transformer

■ Technical Parameter

Type	Rated Capacity (MVA)	Voltage Combination Tapping Range			Connection Symbol	Short Circuit Impedance			No Load Loss (kW)	Load Loss (kW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
		HV (kV)	MV (kV)	LV (kV)		HV-MV (%)	HV-LV (%)	MV-LV (%)				
ODFPSZ-533000/500	533MVA/533MVA/55MVA	$525/\sqrt{3} \pm 8\times 1.25\%$	$230/\sqrt{3}$	13.8	Ia0i0	4.16	46.7	46.5	170	600	0.05	10500×8600×11510

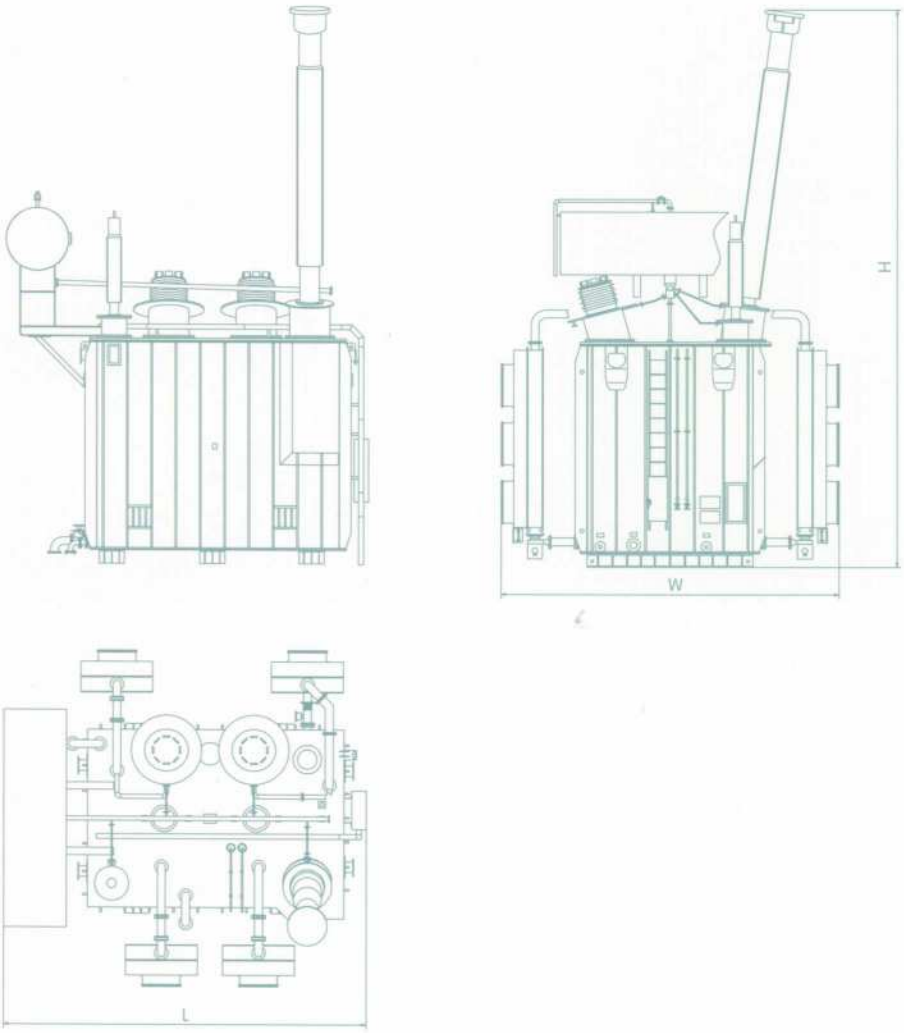


■ Outline Dimension Drawing of ODFSZ-400000/500 Transformer

10 ODFSZ-400000/500 Transformer

■ Technical Parameter

Type	Rated Capacity (MVA)	Voltage Combination Tapping Range			Connection Symbol	Short Circuit Impedance			No Load Loss (kW)	Load Loss (kW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
		HV (kV)	MV (kV)	LV (kV)		HV-MV (%)	HV-LV (%)	MV-LV (%)				
ODFSZ-400000/500	400MVA/400MVA/120MVA	$515/\sqrt{3}$	$230/\sqrt{3} \pm 10\times1\%$	63	Ia0i0	38	18	60	88	540	0.1	8460×7940×11275

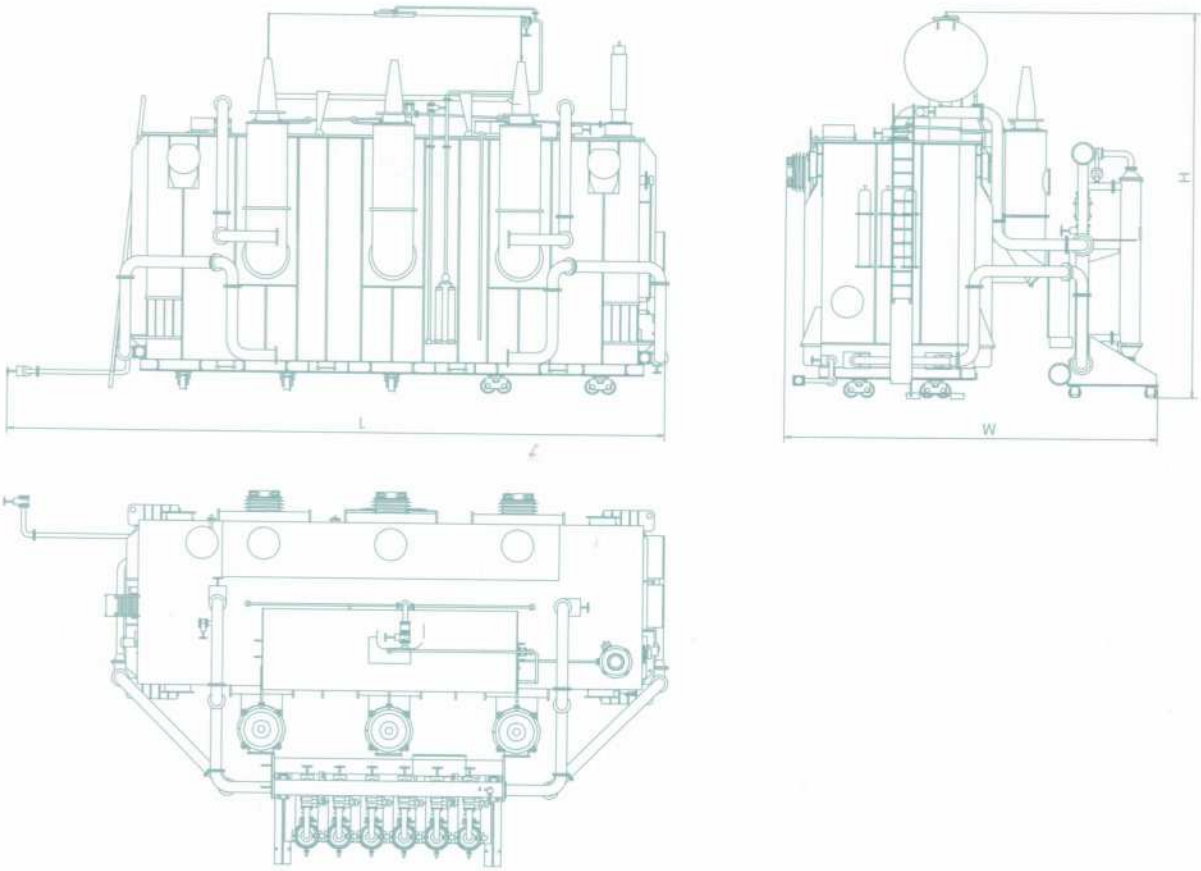


■ Outline Dimension Drawing of DFP-380000/500 Transformer

11 DFP-380000/500 Transformer

■ Technical Parameter

Type	Rated Capacity (MVA)	Voltage Combination Tapping Range			Connection Symbol	Short Circuit Impedance			No Load Loss (kW)	Load Loss (kW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
		HV (kV)	MV (kV)	LV (kV)		HV-MV (%)	HV-LV (%)	MV-LV (%)				
DFP-380000/500	380MVA/380MVA	$525/\sqrt{3} \pm 2\times2.5\%$		27	Ii0		18	16	120	645	0.1	7570×6990×11470

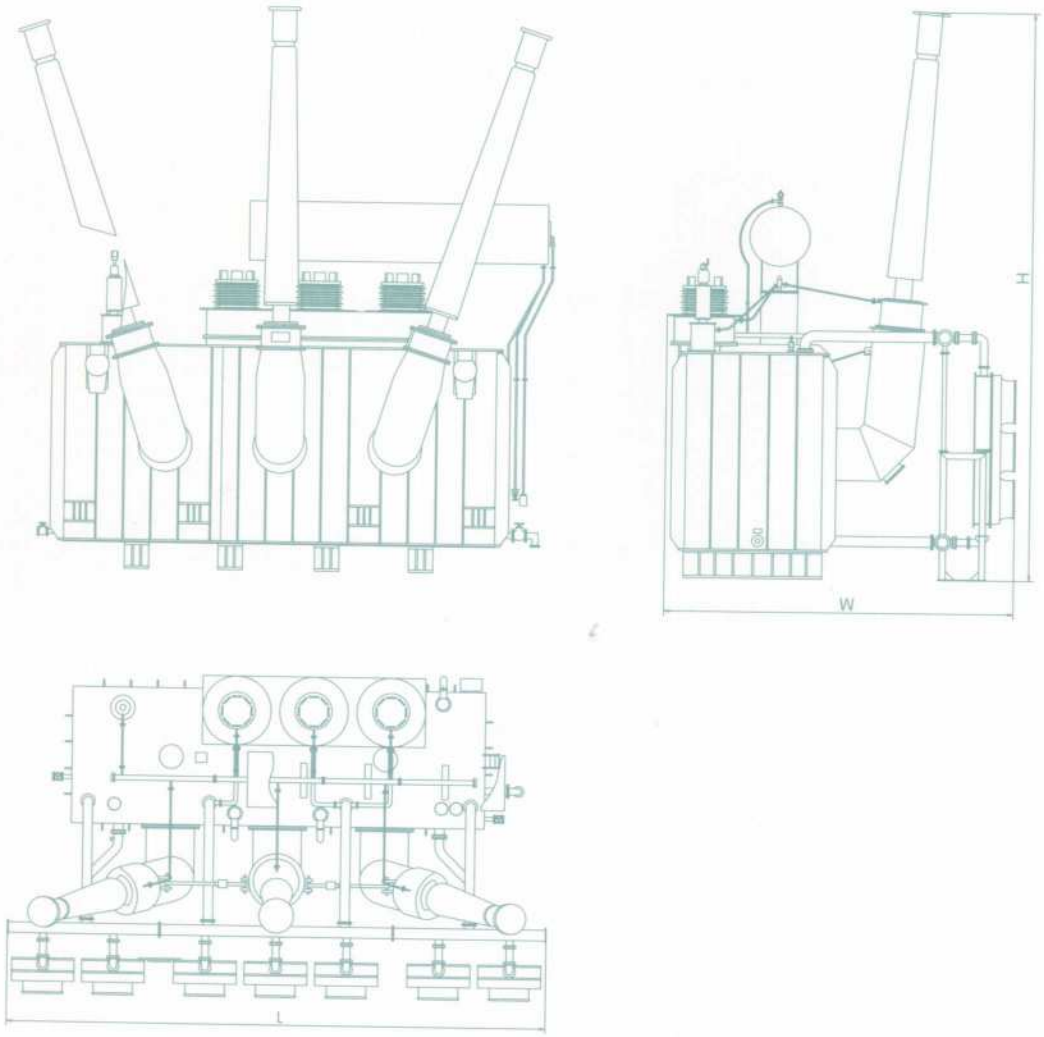


■ Outline Dimension Drawing of SSP-840000/500 Transformer

12 SSP-840000/500 Transformer

■ Technical Parameter

Type	Rated Capacity (MVA)	Voltage Combination Tapping Range			Connection Symbol	Short Circuit Impedance			No Load Loss (kW)	Load Loss (kW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
		HV (kV)	MV (kV)	LV (kV)		HV-MV (%)	HV-LV (%)	MV-LV (%)				
SSP-840000/500	840MVA/840MVA	550		20	YNd11			17.37	236	1490	0.1	12940×7380×7590

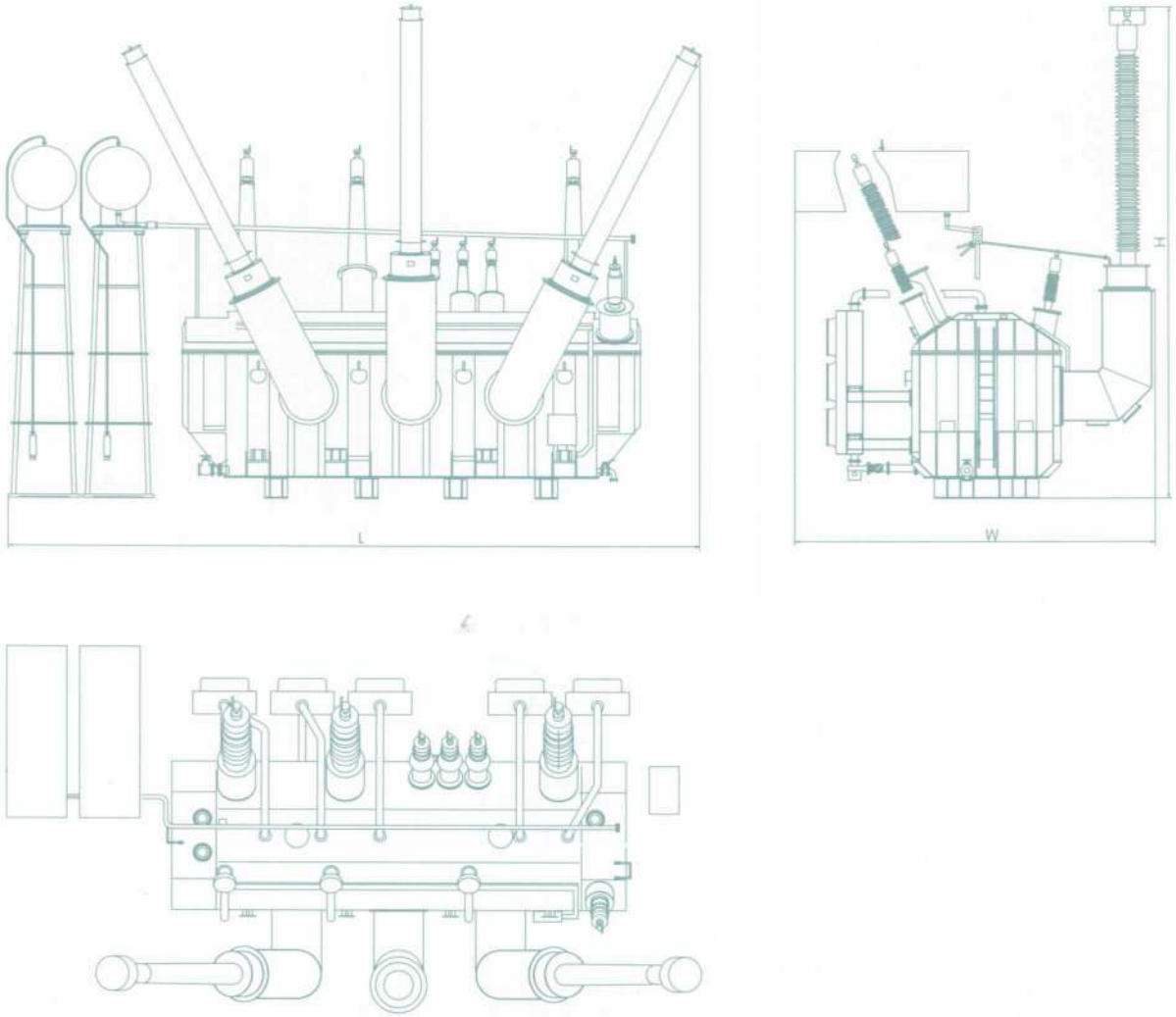


■ Outline Dimension Drawing of SFP-720000/500 Transformer

13 SFP-720000/500 Transformer

■ Technical Parameter

Type	Rated Capacity (MVA)	Voltage Combination Tapping Range			Connection Symbol	Short Circuit Impedance			No Load Loss (kW)	Load Loss (kW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
		HV (kV)	MV (kV)	LV (kV)		HV-MV (%)	HV-LV (%)	MV-LV (%)				
SFP-720000/500	720MVA/720MVA	525±2×2.5%		20	YNd11			15	275	1120	0.15	13100×7600×12350

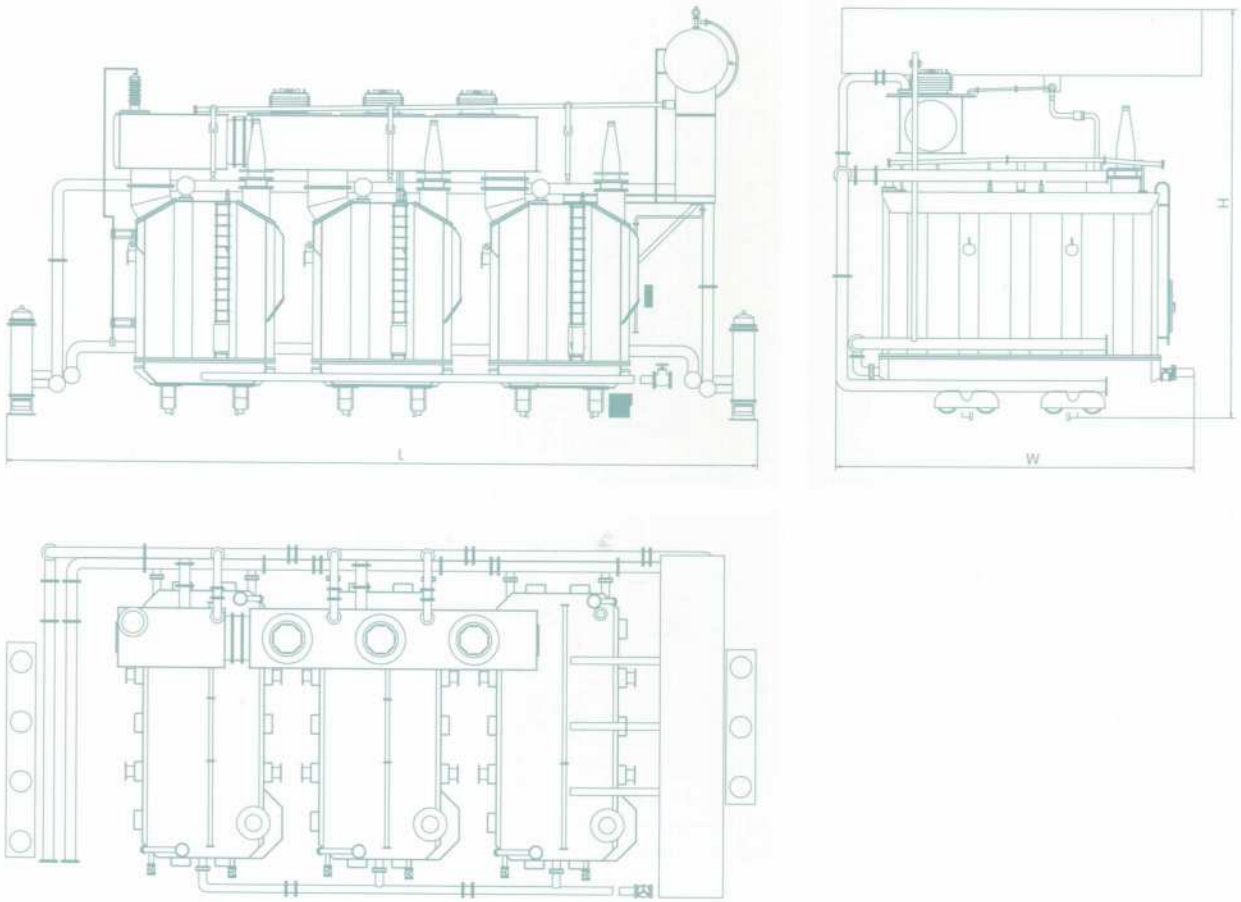


■ Outline Dimension Drawing of OSFPSZ-360000/500 Transformer

14 OSFPSZ-360000/500 Transformer

■ Technical Parameter

Type	Rated Capacity (MVA)	Voltage Combination Tapping Range			Connection Symbol	Short Circuit Impedance			No Load Loss (kW)	Load Loss (kW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
		HV (kV)	MV (kV)	LV (kV)		HV-MV (%)	MV-LV (%)	HV-LV (%)				
OSFPSZ-360000/500	360MVA/360MVA/180MVA	550	242/$\pm\frac{1}{3}\times$2.5%	35	YNa0d11	20	12	34	125	580	0.1	16300×8400×11400

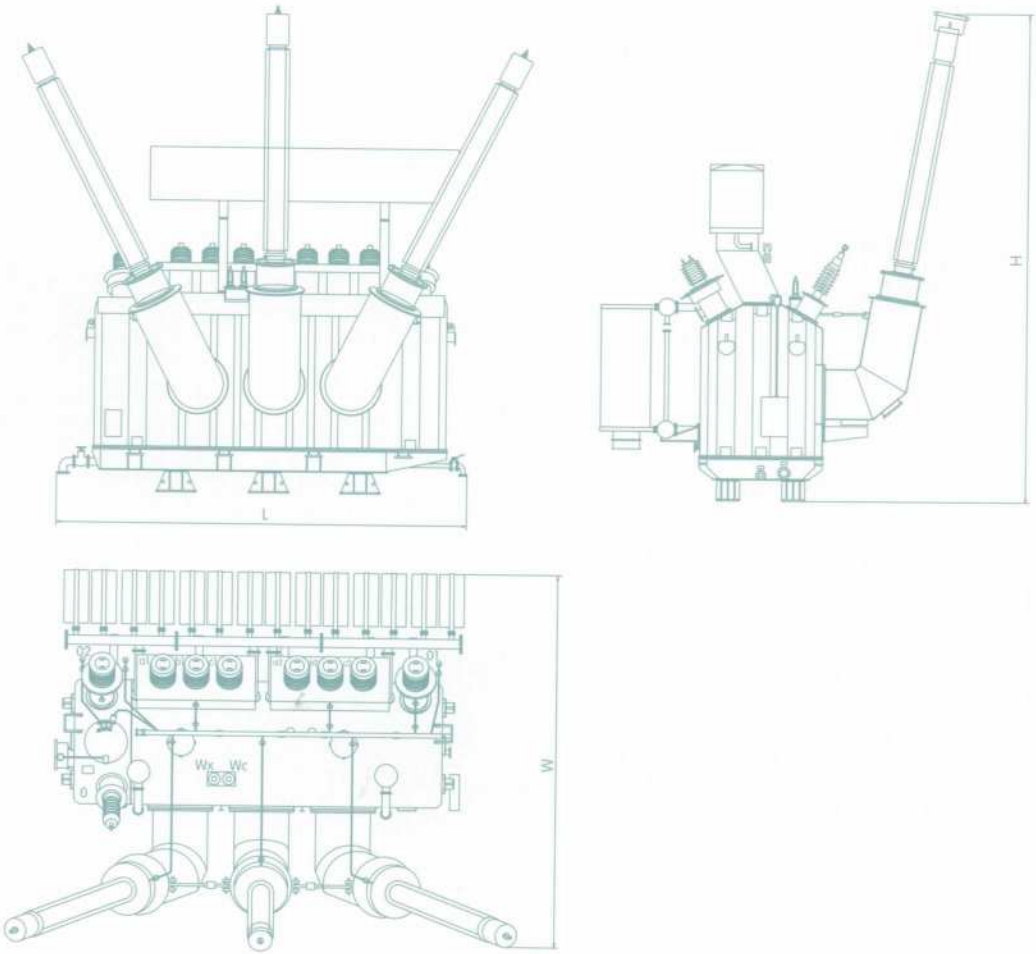


■ Outline Dimension Drawing of SSP-H-780000/500 Transformer

15 SSP-H-780000/500 Transformer

■ Technical Parameter

Type	Rated Capacity (MVA)	Voltage Combination Tapping Range			Connection Symbol	Short Circuit Impedance			No Load Loss (kW)	Load Loss (kW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
		HV (kV)	MV (kV)	LV (kV)		HV-MV (%)	HV-LV (%)	MV-LV (%)				
SSP-H-780000/500	780MVA/780MVA	525 ± 1/2 × 2.5%		18	YNd11			16.4	279	1350	0.1	15280×7000×7920

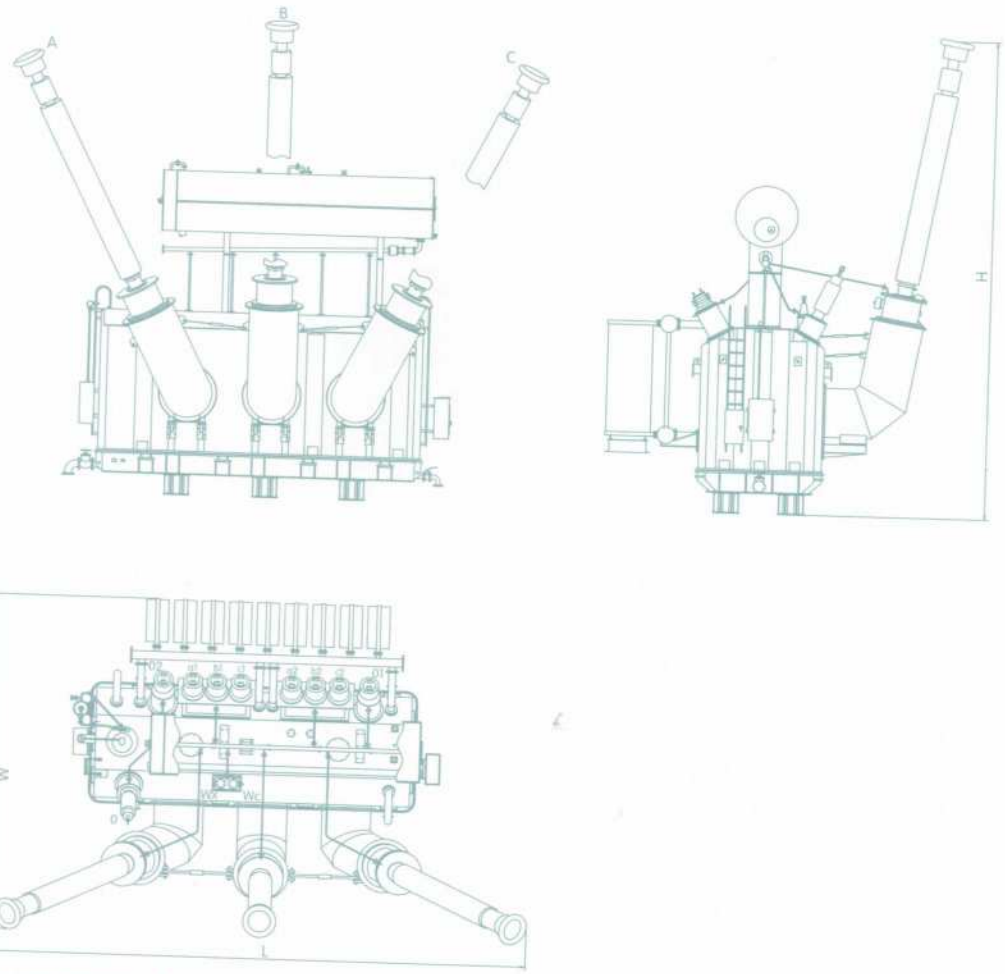


■ Outline Dimension Drawing of SFFZ-63000/525 Transformer

16 SFFZ-63000/500 Transformer

■ Technical Parameter

Type	Rated Capacity HV/LV1 /LV2	Voltage Combination and Tapping Range			Connection Symbol	Short Circuit Impedance (%)	No Load Loss (KW)	Load Loss (KW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
		High Voltage (KV)	Low Voltage 1 (KV)	Low Voltage 2 (KV)						
SFFZ-63000/525 Three Phases Forced Air Cooling Double Split Winding Transformer with On-load Tap-changer	63MVA/ 35MVA/ 35MVA	525 ± 8 × 1.25%	6.3	6.3	YNyn0 - yn0 + d	21.98	60	230	0.2	12250× 7890 × 11150



■ Outline Dimension Drawing of SFFZ-CY-50000/500 Transformer

17 SFFZ-CY-50000/500 Transformer

■ Technical Parameter

Type	Rated Capacity HV/MV/LV	Voltage Combination and Tapping Range			Connection Symbol	Short Circuit Impedance (%)	No Load Loss (KW)	Load Loss (KW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
		High Voltage (KV)	Low Voltage 1 (KV)	Low Voltage 2 (KV)						
SFFZ-CY-50000/500 Three Phases Forced Air Cooling Double Split Winding Type Transformer with On-load Tap-changer	50MVA/ 29MVA/ 29MVA	525 ± 8 × 1.25%	6.3	6.3	YN0yn0-yn0 + d	19.5	50	155	0.2	12670 × 8300 × 11130

330kV Power Transformer

Product Feature

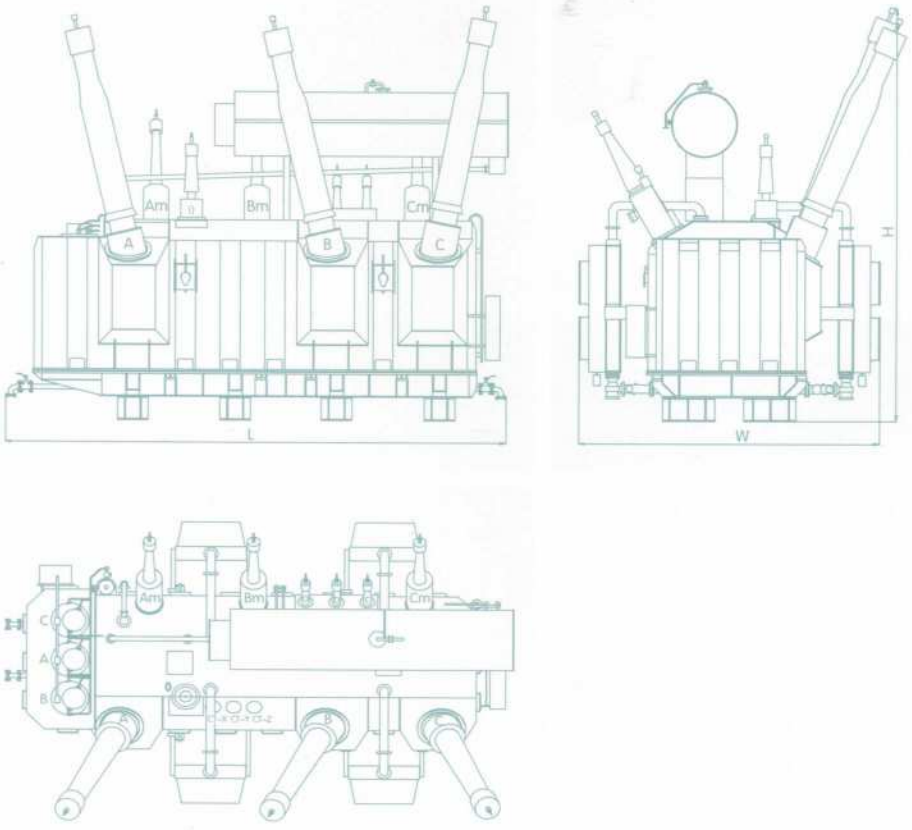
330kV power network is designed specially for countries of vast land. As the key equipment, 330kV Power Transformer can transfer electricity generated by power plant or transfer electricity from substation. The 330kV Power Transformers of TBEA occupied more than 50% domestic market demands. The products process the undermentioned advantages such as no need to untanking at site, reliable in performance, low in losses, small in noise, low in temperature rise, small in partial discharge and so on.

1 90000kVA//330kV ~ 360000kVA/330kV Auto Transformer with On-load Tap-Changer (Tappings are located at the ends of series winding)

Rated Capacity (kVA)	Voltage Combination and Tapping Range			Connection Symbol	Short Circuit Impedance (%)	No Load Loss (KW)	Load Loss (KW)	No Load Current (%)	Outline Dimension (mm) (L × W × H)
	High Voltage (KV)	Medium Voltage (kV)	Low Voltage (KV)						
90000	330±8× 1.25%	121	10.5 11 35 38.5	YNa0d11	HV-MV 10 ~ 11 HV-LV 24 ~ 26 MV-LV 12 ~ 14	53.55	246.50	0.4	9100 × 6300 × 6800
120000						66.30	306.00	0.4	9200 × 6300 × 7000
150000						78.20	362.10	0.35	9600 × 6100 × 8700
180000						89.25	415.65	0.35	9700 × 6100 × 8750
240000						110.50	515.95	0.3	9800 × 6120 × 8860
360000						149.60	700.40	0.3	11700 × 6500 × 9100

2 Technical Data of 65000kVA/330kV ~ 120000kVA /330kV Three Winding Transformer with On-Load Tap-Changer

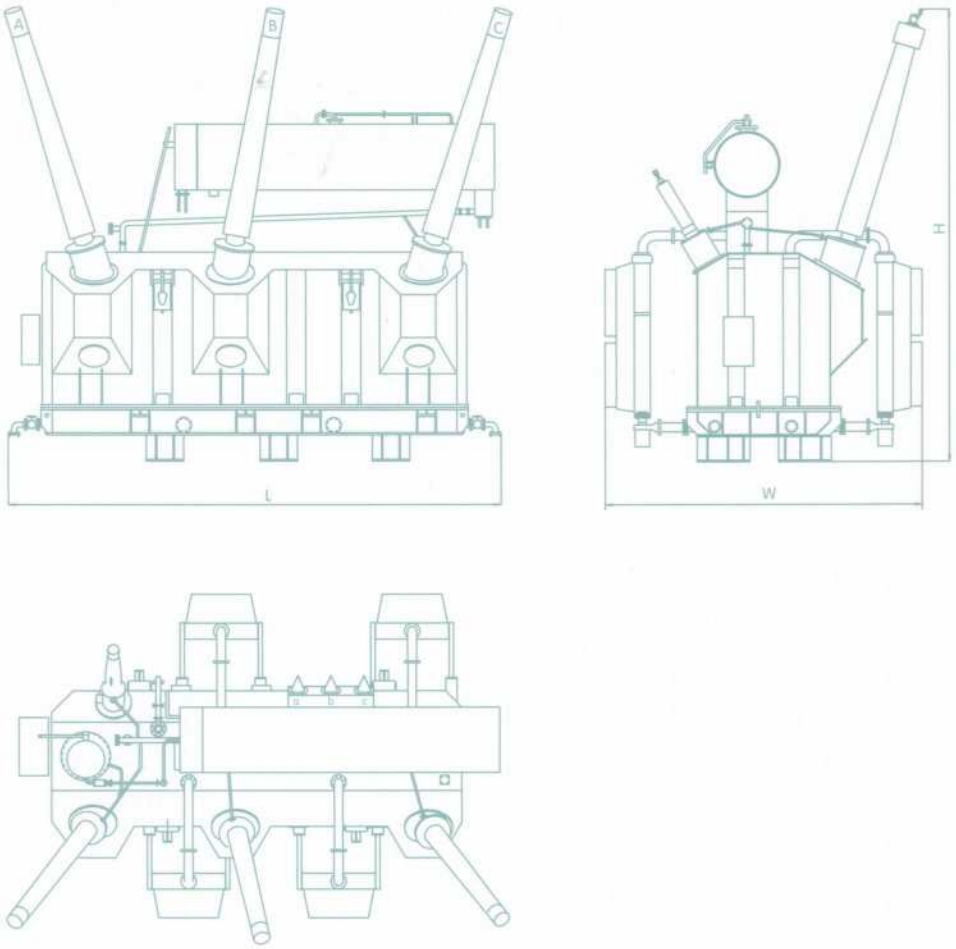
Rated Capacity (kVA)	Voltage Combination and Tapping Range			Connection Symbol	Short Circuit Impedance (%)	No Load Loss (kW)	Load Loss (kW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
	High Voltage (KV)	Medium Voltage (kV)	Low Voltage (KV)						
65000	330±8×1.25% 330±10×1.5%	33 66	11	YNyn0d11	HV-MV 10~11 HV-LV 24~26 MV-LV 12~14	60	240	0.36	8750×6370×8290
80000						70	285	0.35	8900×7270×7820
90000						75	320	0.25	8680×7270×7980
120000						90	425	0.22	9800×7500×8325



■ Outline Dimension Drawing of 330kV Three Winding Transformer with On-Load Tap-Changer

3 Technical Data of 40000kVA/330kV ~ 120000kVA /330kV Double Winding Transformer with On-Load Tap-Changer

Rated Capacity (kVA)	Voltage Combination and Tapping Range		Connection Symbol	Short Circuit Impedance (%)	No Load Loss (KW)	Load Loss (KW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
	High Voltage (KV)	Low Voltage (KV)						
120000	345 ± 8 × 1.25%	35	YNd11	12 ~ 14	93	350	0.3	8600 × 6440 × 8760



■ Outline Dimension Drawing of 330kV Double Winding Transformer with On-load Tap-Changer

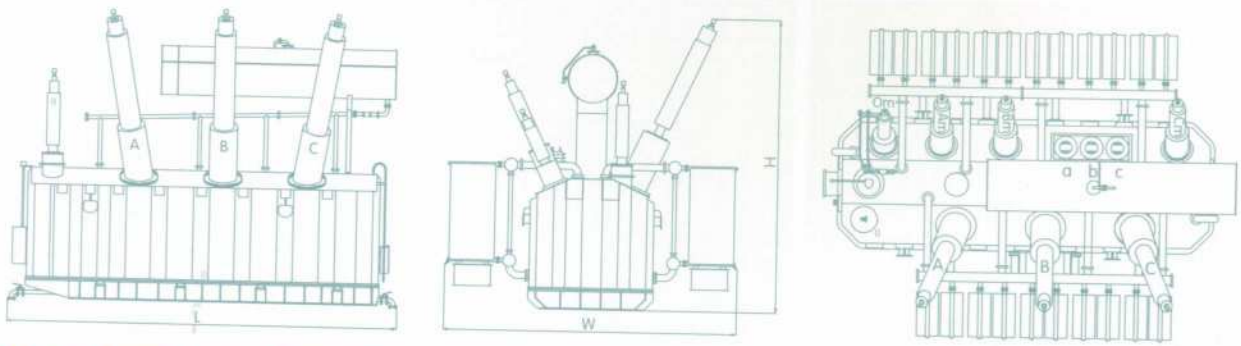
110kV and 220kV Power Transformers

Product Feature

110kV and 220kV power transformer are mainly applied to HV power transmission, power plant, substation and mining enterprises. Adopting efficient processing methods and strict test procedure, TBEA solved the technical problems of ability to withstand short circuit, winding hot spots temperature rise, local overheat, losses, noise level and mechanical strength. The products possess the advantages such as no need to untanking at site, high in reliability, low in losses, small in noise, low in temperature rise and less in partial discharge. The ability to withstand short circuit, temperature rise are taken into consideration especially during the period of transformer designing so as to guarantee the index of performance occupy the world leading position and to make the products possess energy saving and benefit to the environment. The products were sold to many countries across Europe, Asia and Africa, 900MVA transformers with small volume and high capacity exported to USA represent the global leading level in term of technical difficult, as well as manufacturing company. This product was awarded the first prize of National Science and Technology Advance Prize in 2005.

1 Technical Parameter of 31500kVA/ 220 kV ~ 240000kVA / 220 kV Three Winding Voltage Regulating Transformer with On-Load Tap-Changer

Rated Capacity (kVA)	Voltage Combination and Tapping Range			Connection Symbol	Short Circuit Impedance (%)	No Load Loss (KW)	Load Loss (KW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
	High Voltage (KV)	Medium Voltage (kV)	Low Voltage (KV)						
31500	220±8 ×1.25%	69 121	6.3 6.6 10.5 11 35 38.5	YNyn0d11	HV-MV 12~14 HV-LV 22~24 MV-LV 7~9	39.95	153.00	0.70	6900×5700×6600
40000						46.75	178.50	0.70	7400×6300×6670
50000						56.10	212.50	0.60	7430×5800×7000
63000						65.45	246.50	0.60	7570×5000×7000
90000			10.5 11 35 38.5			85.00	331.50	0.50	7600×7060×7000
120000						103.70	408.00	0.50	8750×5850×6100
150000						121.55	484.50	0.40	9000×7260×6400
180000						140.25	595.00	0.40	9200×7200×6690
240000						184.00	680.00	0.40	9500×7400×6750



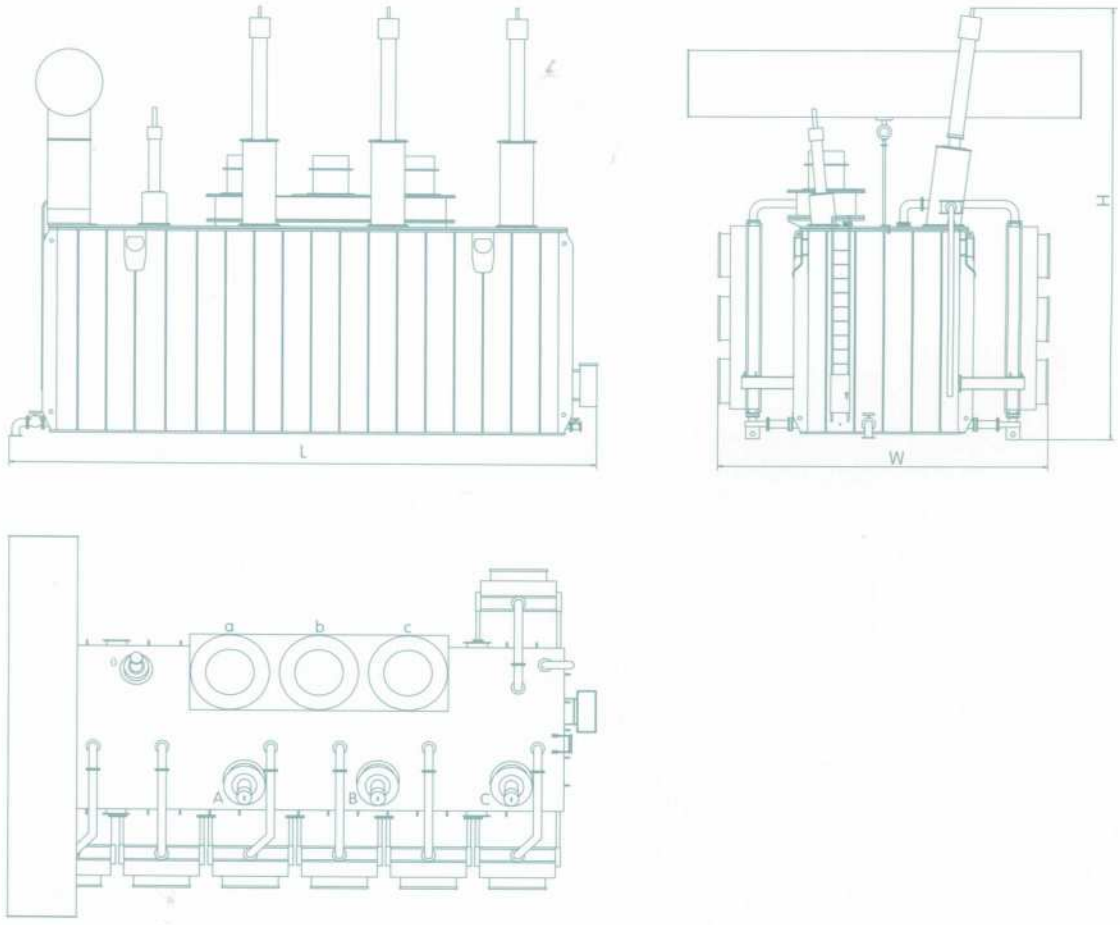
Outline Dimension Drawing of 220 kV Three Winding Transformer with On-Load Tap-Changer

2 Technical Parameter of 31500kVA/ 220kV ~ 180000kVA / 220kV Double Winding Transformer with On-Load Tap-Changer

Rated Capacity (kVA)	Voltage Combination and Tapping Range		Connection Symbol	Short Circuit Impedance (%)	No Load Loss (KW)	Load Loss (KW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
	High Voltage (KV)	Low Voltage (KV)						
31500	220±8×1.25%	6.3、6.6 10.5、11 35、37、38.5	YNd11	12~14	34.85	127.50	0.60	6500×5600×7200
40000					41.65	148.75	0.60	7230×5460×7290
50000					48.45	178.50	0.50	7500×5600×7340
63000					57.80	208.25	0.50	7765×7030×7105
90000		10.5、11 35、37、38.5			74.80	272.00	0.40	7900×7090×6800
120000					90.95	327.25	0.40	8700×5400×6680
150000					105.40	382.50	0.35	9080×7400×6605
180000					122.40	442.00	0.35	9000×4700×6900

3 Technical Parameter of 220kv Three Phase Double Winding Transformer with No-Load Tap-Changer (Special Capacity Range)

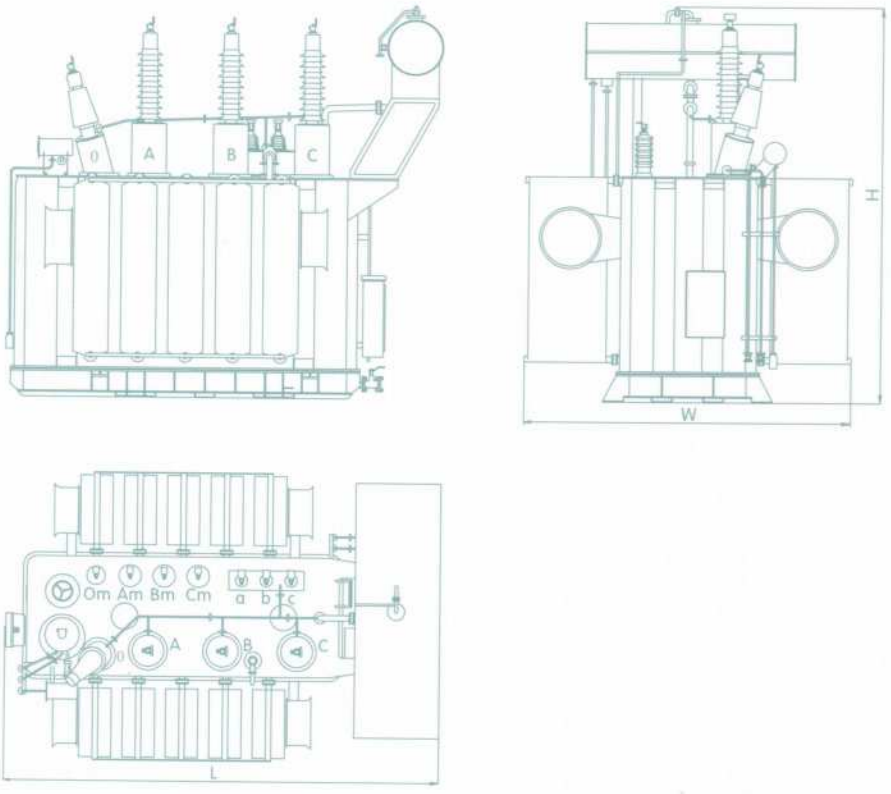
Rated Capacity (kVA)	Voltage Combination and Tapping Range		Connection Symbol	Short Circuit Impedance (%)	No Load Loss (KW)	Load Loss (KW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
	High Voltage (KV)	Low Voltage (KV)						
480000	242(+1~-3) ×2.5%	19	YNd11	18	155	920	0.08	10950×5000×8997
720000	242±2×2.5%	22		14	255	1180	0.08	11350×6200×8997
820000	230±2×2.5%	22		14	277	1250	0.09	12400×6924×9030



■ Outline Dimension Drawing of SFP10-820000/220 Transformer

4 Technical Parameter of 6300kVA/110kV ~ 63000kVA/110kV Three Winding Transformer with On-Load Tap-Changer

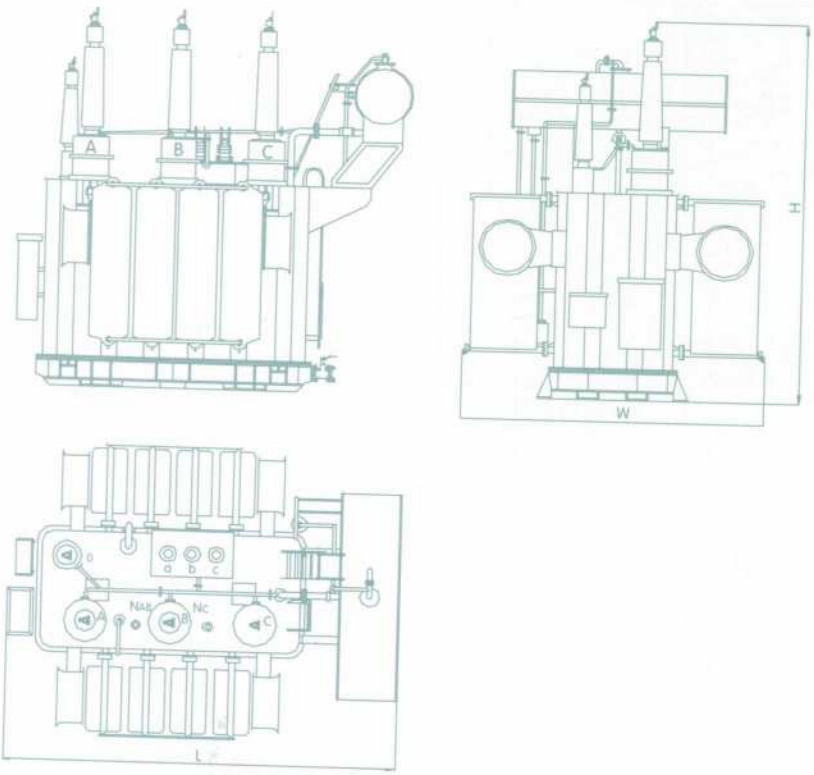
Rated Capacity (kVA)	Voltage Combination and Tapping Range			Connection Symbol	Short Circuit Impedance (%)	No Load Loss (KW)	Load Loss (KW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
	High Voltage (KV)	Medium Voltage (kV)	Low Voltage (KV)						
6300	110×(1±8×1.25%)	35 37 38.5	6.3 6.6 10.5 11	YNyn0d11	HV-MV 10.5 HV-LV 17.5~18.5 MV-LV 6.5	11.05	45.05	0.90	6120×3750×4556
8000						13.35	53.55	0.90	6270×4100×4950
10000						15.73	62.90	0.80	6340×4300×4630
12500						18.11	73.95	0.80	6550×4400×4820
16000						22.36	90.10	0.84	6730×4600×5200
20000						26.4	106.25	0.84	6830×4710×5345
25000						31.20	125.80	0.78	6900×4800×5600
31500						37.15	148.75	0.78	7325×4345×6100
40000						44.46	178.50	0.73	7100×5070×5630
50000						52.62	212.50	0.73	7400×5100×5840
63000						62.56	255.00	0.67	8250×6200×6350



■ Outline Dimension Drawing of 110kV Three Winding Transformer with On-Load Tap-Changer

5 Technical Parameter of 6300kVA/110kV ~ 63000kVA /110kV Double Winding Transformer with On-Load Tap-Changer

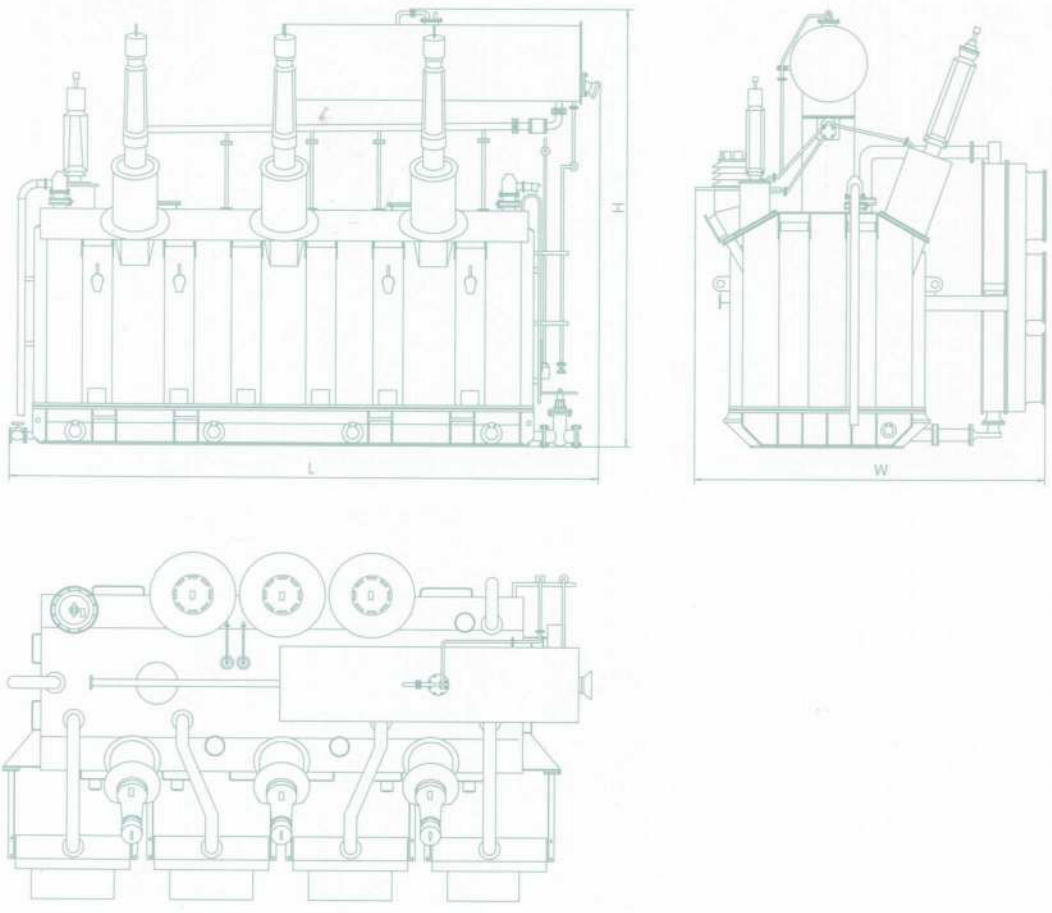
Rated Capacity (kVA)	Voltage Combination and Tapping Range		Connection Symbol	Short Circuit Impedance (%)	No Load Loss (KW)	Load Loss (KW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
	High Voltage (KV)	Low Voltage (KV)						
6300	110±8×1.25%	6.3 6.6 10.5 11	YNd11	10.5	9.27	34.85	0.80	6050×3500×4641
8000					11.05	42.50	0.80	6100×4100×5130
10000					13.35	50.15	0.74	6200×4380×4560
12500					15.47	59.50	0.74	6100×4050×5020
16000					18.70	73.10	0.69	6000×4360×5710
20000					22.10	88.40	0.64	6200×3800×5240
25000					25.76	104.55	0.64	6100×4300×5740
31500					31.11	125.80	0.64	6200×4550×5230
40000					37.32	147.90	0.58	6720×4650×5680
50000					44.12	183.60	0.58	7250×4750×5360
63000					52.53	221.00	0.52	7480×5280×6380



■ Outline Dimension Drawing of 110kV Double Winding Transformer with On-Load Tap-Changer

6 Technical Parameter of 110kv Three Phase Double Winding Transformer with No-Load Tap-Changer (Special Capacity Range)

Rated Capacity (kVA)	Voltage Combination and Tapping Range		Connection Symbol	Short Circuit Impedance (%)	No Load Loss (KW)	Load Loss (KW)	No Load Current (%)	Outline Dimension (mm) (L×W×H)
	High Voltage (KV)	Low Voltage (KV)						
240000	121±2×2.5%	15.75	YNd11	13.5	114.3	660	0.22	8500×4720×5950



■ Outline Dimension Drawing of SFP-240000/110 Transformer

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