

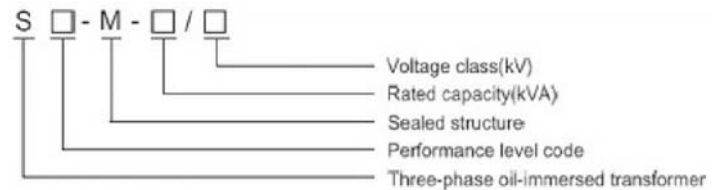
Production introduction

Installation mode:indoor/outdoor type
 Ambient temperature:-25℃~+40℃(outdoor) -5℃~+40℃(indoor)
 Highest altitude:1000m
 Installation site:in places without corrosive gases and obvious dusts.

Applicable standards

GB1094.1-2-1996 Power Transformer
 GB1094.3;5-2003 Power transformer
 GB/T6451-1999 Technical parameters and requirements for three-phase oil-immersed power transformer

Model designation



Performance characteristics

- 1.A multilayer cylinder structure is used for all high voltage windings in order to improve the voltage impulse distribution of windings.
- 2.For the capacity range of low voltage windings is from 30kVA to 2000kVA,the cylinder type or spiral structure is used to ensure the high mechanical strength,ampere lure distribution,and excellent short-circuits proof performance.
- 3.The securing structure is set in the transformer body,which is used for ensuring that no displacement will occur during the transportation;meanwhile,the turnbuckles are mounted in fasteners,which is for assuring that fasteners will not be loose during the long term operation.
- 4.Corrugated tanks are used in transformer for replacing the conservator.The tank enclosure and rim are completely sealed by welding or bolting up,which prolongs the service life of transformer oil.
- 5.The transformer surface are painted with primer and finish coats after derusting,and phosphorizing;which can meet the special operation requirements in metallurgic and petrochemical industries,as well as,in moist and dirty places.
- 6.The press relief valves,signal thermometers,and gas relays are equipped in the oil tank of hermetically sealed transformer in order to the standard requirements for safe operation.The transformers are attractive and competitive due to the compact shape,excellent design,and maintenance-free.



S9-M-30-2500/10

Notes for placing orders

Transformer type:rated capacity kVA
 Number of phases:three-phase single-phase
 High voltage: KV/Low voltage:KV
 Frequency:50HZ 60HZ
 Tapping range:±4×2.5% ±3×2.5% other
 Connection group:Yyn0 Dyn11 other
 Impedance voltage:4% 6% other

Main technical parameters of S9-M-30~2500/10 series of transformers

Rated capacity(KVA)	Voltage combination(KV)			Connecting groupid	No-load lossess(W)	Load-loss(W) (75°C)	Short circuit impedance(%)	No-load current(%)	IP00(no crust)			Overall dimension(mm)		Gauge(mm)
	High voltage(KV)	Tapping(%)	Low voltage(KV)						Body	Oil	Gross weight	Length×Width×Height		
30	6 6.3 10	±5 ±2×2.5	0.4	Yyno or Dynll	130	600	4.0	2.1	185	80	330	750×530×820	400×400	
50					170	870		2.0	240	90	400	830×630×970	400×400	
63					200	1040		1.9	260	100	440	830×670×970	400×400	
80					240	1250		1.8	280	105	520	1145×665×1030	550×550	
100					290	1500		1.6	325	120	600	1145×665×1055	550×550	
125					340	1800		1.5	440	140	700	920×680×1075	550×550	
160					400	2200		1.4	490	140	740	1190×690×1145	550×550	
200					480	2600		1.3	500	160	860	1290×765×1165	550×550	
250					560	3050		1.2	610	200	1000	1385×815×1180	550×550	
315					670	3650		1.1	740	220	1250	1345×770×1275	550×550	
400					800	4300		1.0	920	240	1400	1430×820×1305	660×660	
500					960	5150		1.0	1100	300	1700	1520×870×1380	660×660	
630					1200	6200	4.5	0.9	1330	390	2100	1650×920×1390	820×820	
800					1400	7500		0.8	1560	470	2565	1780×1020×1475	820×820	
1000					1700	10300		0.7	1720	420	2690	1830×1110×1600	820×820	
1250					1950	12000		0.6	1920	510	3110	1870×1120×1685	820×820	
1600					2400	14500		0.6	2430	590	3800	1930×1160×1800	1070×1070	
2000					2850	17200	5.5	0.5	2950	810	4770	2120×1260×1920	1070×1070	
2500					3360	20500		0.5	3250	1040	5370	2240×1320×1950	1070×1070	



S9-M-30-2500/10

Main technical parameters of S10-M-30~2500/10 series of transformers

Rated capacity(KVA)	Voltage combination(KV)			Connecting groupid	No-load lossess(W)	Load-loss(W) (75°C)	Short circuit impedance(%)	No-load current(%)	IP00(no crust)			Overall dimension(mm)	Gauge(mm)
	High voltage(KV)	Tapping(%)	Low voltage(KV)						Body	Oil	Gross weight	Length×Width×Height	
30	6 6.3 10	±5 ±2×2.5	0.4	Yyno or Dynll	110	600	4.0	2.1	185	80	330	750×530×820	400×400
50					150	870		2.0	245	90	390	830×630×970	400×400
63					180	1040		1.9	285	100	490	860×670×1000	400×400
80					200	1250		1.8	295	115	520	890×680×1025	550×550
100					230	1500		1.6	325	140	590	930×690×1060	550×550
125					270	1800		1.5	380	150	730	950×720×1090	550×550
160					310	2200		1.4	470	170	770	970×740×1180	550×550
200					380	2600		1.3	550	205	930	1070×805×1150	550×550
250					460	3050		1.2	635	225	1060	1410×820×1210	550×550
315					540	3650	1.1	825	240	1255	1455×830×1260	660×660	
400					650	4300	1.0	965	280	1525	1530×840×1300	660×660	
500					780	5150	1.0	1150	305	1800	1630×930×1390	660×660	
630					920	6200	0.9	1360	420	2225	1710×960×1445	660×660	
800					1120	7500	0.8	1560	470	2565	1780×1020×1475	820×820	
1000					1320	10300	4.5	0.7	1900	540	3070	1850×1130×1600	820×820
1250					1560	12000		0.6	2160	615	3415	1900×1170×1660	820×820
1600					1880	14500		0.6	2575	770	4155	1074×1240×1700	1070×1070
2000					2280	17200	5.5	0.5	2840	815	4690	2120×1260×1790	1070×1070
2500					2630	20500		0.5	3500	1240	6085	2260×1360×1900	1070×1070

Main technical parameters of S9,s10,s11-2500~6300/10 series of transformers

Rated capacity(KVA)	Voltage combination(KV)			Connecting group(id)	No-load lossess(W)	Load-loss(W) (75°C)	Short circuit impedance(%)	No-load current(%)	IP00(no crust)			Overall dimension(mm)	Gauge(mm)
	High voltage(KV)	Tapping(%)	Low voltage(KV)						Body	Oil	Gross weight	Length×Width×Height	
S9													
2500	6	±5 ±2×2.5	3.15 6.3	Yd11	2970	20700	5.5	0.70	30001240	6100	2260×1360×1900	1070×1070	
3150	6.3				3510	24300		0.70	36301510	7800	2460×1400×2600	1070×1070	
4000	10				4320	28800		0.60	43501770	8100	2700×1900×2800	1475×1070	
5000	10.5				5130	33000		0.60	51802000	9300	3000×2200×2900	1475×1475	
6300	11				6120	36900		0.55	64902200	10800	3200×2400×3100	1475×1475	
S10													
2500	6	±5 ±2×2.5	3.15 6.3	Yd11	2640	19550	5.5	0.70	31501300	6390	2260×1360×1950	1070×1070	
3150	6.3				3120	22950		0.70	38001590	7360	2460×1400×2650	1070×1070	
4000	10				3840	27200		0.60	45601860	8500	2700×1900×2850	1475×1070	
5000	10.5				4560	31170		0.60	54402100	9760	3000×2200×2950	1475×1070	
6300	11				5440	34850		0.55	68202300	11350	3200×2400×3150	1475×1070	
S11													
2500	6	±5 ±2×2.5	3.15 6.3	Yd11	2310	19550	5.5	0.70	33001430	6690	2260×1360×2000	1070×1070	
3150	6.3				2730	22950		0.70	39901660	7750	2460×1400×2700	1070×1070	
4000	10				3360	27200		0.60	47801950	8900	2700×1900×2900	1475×1070	
5000	10.5				3990	31170		0.60	57002200	10200	3000×2200×3000	1475×1070	
6300	11				4760	34850		0.55	71402400	11880	3200×2400×3200	1475×1070	