S9-35kV Series Transformers



1. Application

The product conforms to the technical parameters and requirements of IEC60076 and China Standard GB1094 & GB/T6451, and a series of significant innovation is applied in aspects of material,design and structure.It has the features of high efficiency and low loss.It can save a lot of operation cost,and the social benefits are very significant.In conclusion,it is a nationally promoted new product and it is deeply favored by customers.

Installation type:indoor/outdoor type

Altitude:≤ 1000m

Installation site:in places without corrosive gases and obvious dusts.

2. Applicable Standards

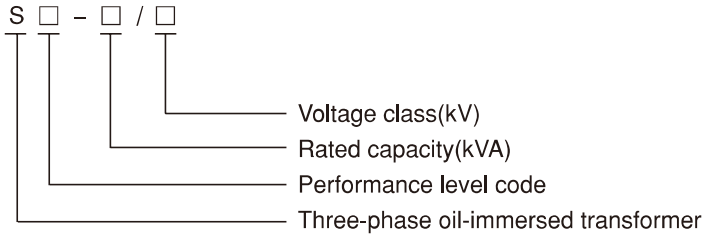
IEC 60076 -1-2-3 2000 Power Transformer

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

3. Model Designation



4. Performance Characteristics

1.The features of this product are high efficiency and low loss.It can save a lot of operation cost, and the social benefits are very significant.

2.The iron cores are made of the imported high-conduction magnetism,cold-roll,and grain-oriented silicon-steel sheets.The iron cores and windings adopt the vacuum drying and vacuum oil-filling processes,which make the internal moisture down to the very low level.

3.The conservator is hermetically sealed,which make the internal running oil to insolate with oxygen and moisture efficiently.

4.The above features guarantee the transformer does not need do replace the oil during the normal operation,greatly decrease the maintenance cost,and prolong the service life.

5. Main Technical Parameters of S9-M-50~2500/35 Series of Transformers

Rated capacity (kVA)	Voltage combination(kV)			Connect-ing group	No-load lossess (W)	Load-loss (W)(75˚C)	Short circuit impedance (%)	No-load current (%)	Weight(kg)			Overal dimension (mm)	Gauge (mm)
	High voltage (kV)	Tapping (%)	Low voltage (kV)						Body	Oil	Gross weight	Lengthxwidthxheight	
50	35	± 5	0.4	Yyno	215	1210	6.5	2.00	230	320	650	1150x720x1200	550x550
100					305	2020		1.80	380	400	980	1200x740x1300	550x550
125					340	2380		1.75	440	430	1100	1250x780x1380	550x550
160					360	2830		1.65	510	460	1200	1300x800x1400	660x660
200					430	3300		1.55	600	500	1400	1400x840x1500	660x660
250					510	3950		1.40	690	530	1500	1530x860x1580	660x660
315					610	4750		1.40	800	570	1670	1600x890x1630	660x660
400					735	5750		1.30	930	650	1950	1730x50x1700	660x660
500					870	6900		1.30	1070	710	2300	1800x980x1800	820x820
630					1040	8250		1.25	1300	830	2650	1900x1000x1850	820x820
800					1250	9900		1.05	1600	900	3100	1950x1060x1900	820x820
1000					1480	12150		1.00	1800	1080	3700	1980x1100x1950	820x820
1250					1760	14600		0.90	2100	1150	4000	2010x1160x1980	820x820
1600					2130	17500		0.85	2550	1250	4730	2040x1310x2000	820x820
2000					2500	20680		0.75	3100	1400	5600	2170x1380x2700	1070x1070
2500					2975	24500		0.75	3650	1500	6300	2300x1450x2900	1070x1070

6. Main Technical Parameters of S9-M-800~20000/35 Series of Transformers

Rated capacity (kVA)	Voltage combination(kV)			Connect-ing group	No-load lossess (W)	Load-loss (W)(75˚C)	Short circuit impedance (%)	No-load current (%)	Weight(kg)			Overal dimension (mm)	Gauge (mm)
	High voltage (kV)	Tapping (%)	Low voltage (kV)						Body	Oil	Gross weight	Lengthxwidthxheight	
800	35	± 5	3.15 6.3 10.5	Yd11	1250	9900	6.5	1.05	1680	970	3200	2000x1100x1950	820x820
1000					1480	12150		1.00	1800	1100	3570	2100x1200x2100	820x820
1250					1760	14650		0.90	2060	1200	4040	2150x1250x2150	820x820
1600					2130	17500		0.85	2400	1250	4550	2200x1340x2180	820x820
2000					2600	19350		0.75	2820	1420	5720	2250x1380x2210	1070x1070
2500					3150	20700		0.75	3330	1550	6000	2300x1400x2300	1070x1070
3150	35 38.5	± 5	3.15 6.3 10.5		3860	24300	7.0	0.70	3800	1670	7060	2480x1900x2450	1070x1070
4000					4630	28800		0.70	4500	1830	8200	2800x2250x2500	1070x1070
5000					5480	33000		0.60	5300	2000	9500	3000x2370x2800	1070x1070
6300					6570	36900	7.5	0.60	6550	2300	11280	3200x2520x2900	1070x1070
8000		± 2x2.5	3.15 6.3 10.5		9000	40500		0.55	8150	2700	14000	3300x2700x3200	1475x1475
10000					10600	47700		0.55	9600	3050	16250	3400x2800x3400	1475x820
12500					12600	56700	8	0.50	11000	3660	18800	3500x2930x3500	1475x1070
16000					15300	69300		0.50	13650	430	22250	3620x3040x3600	1475x1070
20000					18090	83500		0.50	15500	5530	25000	3700x3100x3700	1475x1475