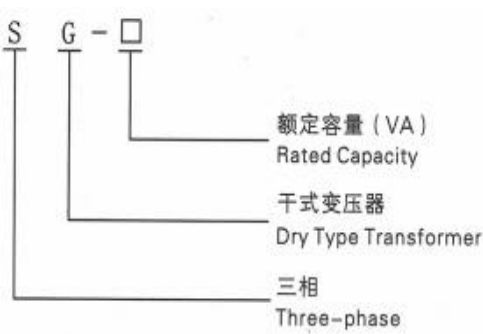


SG Series Three-Phase Transformer

Type and Meaning



Features

1. Damp-proof and waterproof, Low losses, strong overload capacity.
2. Maintenance free and easy installation, advanced technics and beautiful appearance.
3. High structural strength, perfect anti-short-circuitability, low level of sound.

Product Applications

Water conservancy and hydropower engineering, chemical energy, rapid transit, photovoltaic inverter, etc.

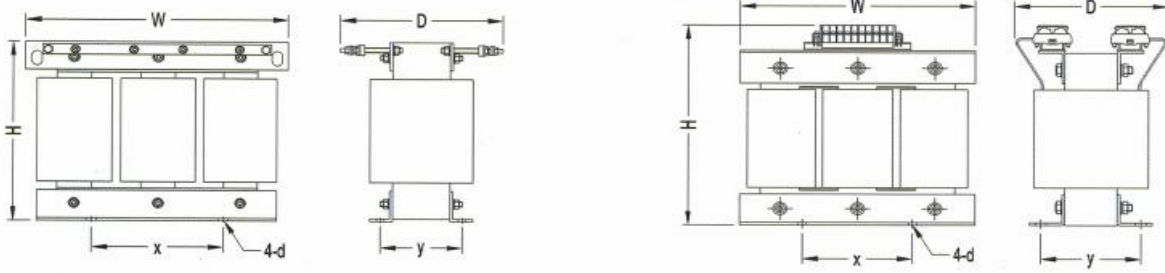
Technical Parameter

Capacity	50VA ~ 2500kVA	Working Efficiency	≥95%
Rated Voltage	< 10kV	Temperature Rise	≤125K(H class)/ < 100K(F class)
Rated Frequency	50 ~ 60Hz	Impedance	Upon customer request
Winding Materials	Copper/Aluminum	Connection Section	Dyn11 or upon customer request
Sound Level	≤75dB	Ingress Protection	Upon customer request
Insulation Class	F/H/A/B	Package	Wood Crate/ Cardboard Box
Leading Time	7 ~ 30 working days	Insulation Resistance	> 100MΩ
Dielectric Withstanding Voltage : Upon customer request			

Operation Environment

- A) Altitude: Not exceeding 1000m, shall be derating used if above 1000m;
- B) Ambient Temperature: -25°C~55°C.
- C) Relative Humidity: ≤95%;
- D) As to the installation site, to make sure no bad effect on transformer insulation, chemical deposition, dust, and other explosive or erosive medium.
- E) The supply voltage approximates sinusoidal wave, and the three-phase voltage is relatively balanced.

Overall and Installation Dimensions



SG Series Three-Phase Dry Type Transformer Dimensions (mm)

Product Type	Insulation Class	Capacity (VA)	Overall Dimensions (Max)			Installation Dimensions (±2)			Weight
			W	D	H	x	y	d	
SG-50	B	50	110	100	125	90	55	Φ6*12	1.8kg
SG-100	B	100	125	100	130	110	52	Φ5*9	2.9kg
SG-200	B	200	150	116	155	130	70	Φ5*9	5.8 kg
SG-300	B	300	150	116	155	130	75	Φ5*9	6.3 kg
SG-500	B	500	190	116	172	130	85	Φ6*9	9.0 kg
SG-750	B	750	190	130	172	130	105	Φ6*9	13.0 kg
SG-1K	F	1K	240	145	230	100	101	Φ6*9	16.0 kg
SG-2K	F	2K	240	170	230	100	126	Φ6*9	24.0 kg
SG-3K	F	3K	265	220	260	125	135	Φ6*9	35.0 kg
SG-4K	F	4K	300	210	295	160	132	Φ6*9	38.0 kg
SG-5K	F	5K	330	220	310	160	143	Φ10*15	46.0 kg
SG-6K	F	6K	330	230	310	160	153	Φ10*15	58.0 kg
SG-7K	F	7K	360	240	360	200	156	Φ10*15	64.0 kg
SG-8K	F	8K	360	245	360	200	161	Φ10*15	80.0 kg
SG-9K	F	9K	360	250	360	200	166	Φ10*15	85.0 kg
SG-10K	F	10K	360	260	360	200	171	Φ10*15	104 kg
SG-15K	F	15K	360	290	370	200	201	Φ10*15	148 kg
SG-20K	F	20K	420	300	410	200	208	Φ12*18	186 kg
SG-25K	F	25K	620	390	480	400	175	Φ14*30	207 kg
SG-30K	F	30K	635	400	500	400	180	Φ14*30	231 kg
SG-35K	F	35K	480	350	440	300	180	Φ13*20	215 kg
SG-40K	F	40K	500	370	420	300	190	Φ13*20	250 kg
SG-45K	F	45K	520	370	470	300	190	Φ13*20	280 kg
SG-50K	F	50K	530	380	520	300	200	Φ13*20	320 kg
SG-60K	F	60K	590	390	610	400	215	Φ13*20	420 kg
SG-70K	F	70K	640	400	570	400	220	Φ13*20	425 kg
SG-100K	F	100K	690	420	650	500	230	Φ13*20	580 kg
SG-150K	F	150K	720	400	720	500	265	Φ13*20	680 kg
SG-200K	F	200K	760	400	720	500	280	Φ13*20	760 kg
SG-300K	F	300K	820	600	880	500	350	Φ13*20	1100 kg
SG-400K	F	400K	880	600	960	500	500	Φ13*20	1350 kg
SG-500K	F	500K	970	600	990	500	500	Φ13*20	1550 kg