TRANSFORMER

DRY-TYPE TRANSFORMERS 10kV / 20kV / 30kV

SKS dry-type transformers ensure reliable power distribution for demanding applications. The portfolio includes 10, 20 and 30 kV models with ratings from 400 to 2,500 kVA. High-quality aluminium conductors, insulation class F and ANAF cooling provide dependable operation. Flexible secondary voltages and five tap positions enable precise adaptation to different power grids. Manufactured in accordance with IEC 60076, they combine high efficiency with durable technology.



Illustration only

SKS DRY-TYPE TRANSFORMERS – POWER DELIVERED SAFELY.

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TRANSFORMER

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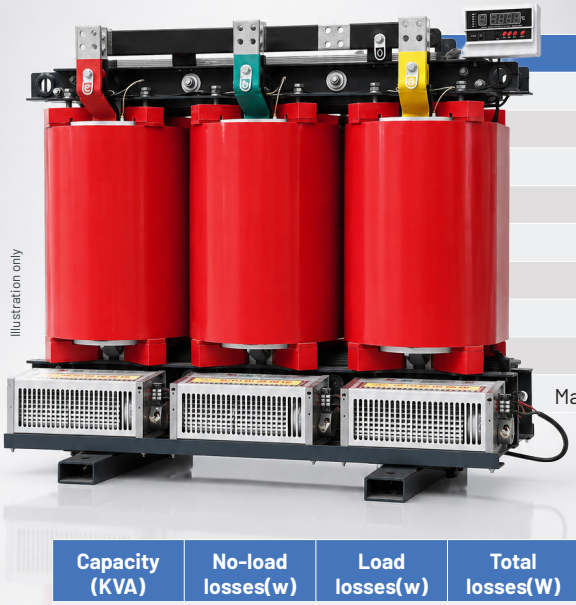


Illustration only

Mode	Oil-Type Transformer Technical Parameters
Frequency	50 Hz
Number of Phases	3
Vector Group	Dyn11
Cooling Method	ANAF
Installation height	1000M Conductor
Conductor Material	Aluminium
Taps	No-Load Voltage Regulation, 5 Tap Positions ±2×2.5%
Insulation class	Class F
Manufacturing Standard	SCB13 IEC60076 Tolerance ±15%

10KV - 0.4KV /0.69KV/0.8KV

Capacity (KVA)	No-load losses(w)	Load losses(w)	Total losses(W)	Measurement (L*W*H mm)	Weight (kg)	Short-circuit voltage (%)	Efficiency Cos PHI=1 (%)	Efficiency Cos PHI=0.8(%)
400	980	3.990	4.970	1350*1340*1435	1.585	4,00%	95,60%	95,70%
630	1.300	5.960	7.260	1450*1340*1550	2.265	4,00%	96,55%	96,55%
800	1.520	6.960	8.480	1590*1340*1480	2.450	4,00%	97,53%	97,53%
1.000	1.770	8.130	9.900	1680*1340*1555	2.640	4,00%	96,57%	96,57%
1.250	2.090	9.690	11.780	1710*1470*1635	3.170	4,00%	96,51%	96,51%
1.600	2.050	11.730	13.780	1800*1470*1770	3.985	5,00%	96,54%	96,54%
2.000	3.050	14.450	17.500	1850*1470*1890	4.850	5,00%	96,50%	96,50%
2.500	3.600	17.170	20.770	1900*1470*2030	5.620	5,00%	96,56%	96,56%

20KV - 0.4KV /0.69KV/0.8KV

400	1.550	4.870	6.420	1400*1300*1410	1.885	4,00%	95,60%	95,70%
630	1.950	7.150	9.100	1500*1300*1500	2.565	4,00%	96,55%	96,55%
800	2.280	8.350	10.630	1620*1320*1500	2.750	4,00%	97,53%	97,53%
1.000	2.655	9.760	12.415	1730*1300*1510	2.940	4,00%	96,57%	96,57%
1.250	3.135	11.620	14.755	1750*1450*1600	3.470	4,00%	96,51%	96,51%
1.600	3.075	14.070	17.145	1860*1430*1730	4.285	5,00%	96,54%	96,54%
2.000	4.575	17.340	21.915	1900*1430*1860	5.150	5,00%	96,50%	96,50%
2.500	5.400	20.600	26.000	2050*1420*2000	5.920	5,00%	96,56%	96,56%

30KV - 0.4KV /0.69KV/0.8KV

400	1.120	4.990	6.110	1650*2340*1700	2.380	4,00%	95,60%	95,70%
630	1.495	7.450	8.945	1700*2350*1800	3.400	4,00%	96,55%	96,55%
800	1.750	8.700	10.450	1820*2360*1900	3.675	4,00%	97,53%	97,53%
1.000	2.040	10.160	12.200	1900*2400*1950	3.960	4,00%	96,57%	96,57%
1.250	2.400	12.110	14.510	1970*2430*1990	4.755	4,00%	96,51%	96,51%
1.600	2.360	14.660	17.020	2060*2530*2050	5.950	4,00%	96,54%	96,54%
2.000	3.500	18.060	21.560	2130*2600*2200	7.275	4,00%	96,50%	96,50%
2.500	4.140	21.460	25.600	2600*2780*2350	8.430	4,00%	96,56%	96,56%

Note: Actual dimensions and weight may vary slightly. Please refer to the delivered product.

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