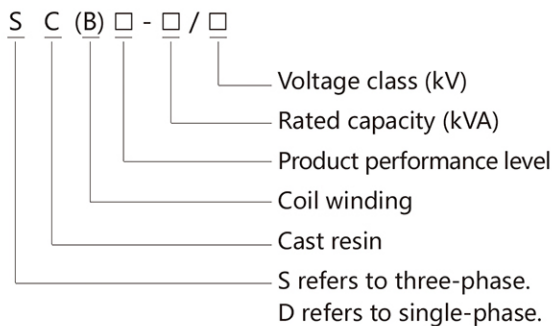


Dry-type transformer



Model and description



Technical characteristics

- High resistance to short circuit
- Low temperature rise, high overload capacity
- Low noise
- Low partial discharge

Applications

Indoor areas in substations and packaged transformers

Performance Parameters of 10kV Dry-type Transformer

Rated capacity (kVA)	HV (kV)	HV tapping range (%)	LV (kV)	Vector group symbol	No-load loss (W)				On-load loss (W)				Short-circuit impedance (%)
					Model 10	Model 11	Model 12	Model 13	Model 10	Model 11	Model 12	Model 13	
315	10 10.5 11	± 5 $\pm 2 \times 2.5$	0.4	Dyn11	880	790	705	635	3470	3470	3470	3120	4
400					980	880	785	705	3990	3990	3990	3590	4
500					1160	1040	930	835	4880	4880	4880	4390	4
630					1340	1200	1070	965	5880	5880	5880	5290	4
630					1300	1170	1040	935	5960	5960	5960	5360	6
800					1520	1360	1215	1090	6960	6960	6960	6260	6
1000					1770	1590	1415	1270	8130	8130	8130	7310	6
1250					2090	1880	1670	1500	9690	9690	9690	8720	6
1600					2450	2200	1960	1760	11730	11730	11730	10550	6
2000					3050	2740	2240	2190	14450	14450	14450	13000	6
2500					3600	3240	2880	2590	17170	17170	17170	15450	6

Performance Parameters of 35kV Dry-type Transformer

Rated capacity (kVA)	HV (kV)	HV tapping range (%)	LV (kV)	Vector group symbol	No-load loss (W)		On-load loss (W)		Short-circuit impedance (%)
					Model 10	Model 11	Model 10	Model 11	
315	10 10.5 11	± 5 $\pm 2 \times 2.5$	0.4	Dyn11	1170	1050	4510	4510	6
400					1370	1230	5410	5410	
500					1520	1365	6650	6650	
630					1860	1670	7690	7690	
630					2160	1940	9120	9120	
800					2430	2185	10450	10450	
1000					2830	2545	12730	12730	
1250					3240	2915	15480	15480	
1600					3820	3435	18240	18240	
2000					4450	4005	21850	21850	
2500					3600	3240	17170	17170	