

Table 1: Technical value for CRGO laminated core distribution transformer

Rated (kVA)	Voltage Combination			Vector Group Symbol	No-load Loss (W)	Load Loss (W) 75°C	Rated Impedance Voltage (%)	No-load Current (%)	Length (L) (mm)	Width(W) (mm)	Height (H) (mm)				
	High Voltage (KV)	Tapping Range of High Voltage	Low Voltage (KV)												
30	6	±5%	0.4	Dyn11 Yzn11 Yyn0	100	630/600	4	2.8	980	735	1145				
50					130	910/870		2.5	1017	758	1205				
63					150	1090/1040		2.4	1035	785	1285				
80					180	1310/1250		2.2	1065	800	1290				
100					200	1580/1500		2.1	1072	820	1305				
125					240	1890/1800		2	1155	1105	1310				
160					6.3	±2×2.5%		0.4	Dyn11 Yzn11 Yyn0	280	2310/2200	1.9	1235	850	1535
200					10					340	2730/2600	1.8	1282	860	1557
250					10.5					400	3200/3050	1.7	1310	940	1605
315					480					3830/3650	1.6	1465	1120	1915	
400					570					4520/4300	1.5	1440	1165	1725	
500					680					5410/5150	1.4	1510	1250	1845	
630					810					6200	1.3	1650	1140	1920	
800					980					7500	4.5	1.2	2125	1175	2315
1000					1150					10300		1.1	2150	1380	2570
1250					1360					12000		1	2355	1485	2570
1600					1640	14500		0.9	2385	1750		2630			
2000					1940	18300		5	0.4	1940	1400	1700			
2500	2290	21200	0.4	2050	1480	1800									

Note: for transformer rated up to 500KVA, value indicated in the list of item" load loss" shown two value,the left one is suitable for vector group symbol Dyn11 or Yzn11 while the right one is for Yyn0.



Table 2: Technical value for Tridimensional toroidal core distribution transformer

Rated (kVA)	Voltage Combination			Vector Group Symbol	No-load Loss (W)	Load Loss (W) 75°C	Rated Impedance Voltage (%)	No-load Current (%)		
	High Voltage (KV)	Tapping Range of High Voltage	Low Voltage (KV)							
30	10	±2×2.5% ±5%	0.4	Dyn11	80	630/600	4	0.3		
50					100	910/870		0.24		
80					130	1310/1250		0.22		
100					150	1580/1500		0.21		
160					200	2310/2200		0.19		
200					240	2730/2600		0.18		
250					290	3200/3050		0.17		
315					340	3830/3650		0.16		
400				Yyn0			410	4520/4300	4.5	0.16
500							480	5410/5100		0.16
630							570	6200		0.15
800							700	7500		0.15
1000							830	10300		0.14
1250							970	12000		0.13
1600							1170	14500		0.13



Table 3: Technical value for S(B)H15 Amorphous Alloy distribution transformer

Rated (kVA)	Voltage Combination			Vector Group Symbol	No-load Loss (W)	Load Loss (W) 75°C	Rated Impedance Voltage (%)	No-load Current (%)
	High Voltage (KV)	Tapping Range of High Voltage	Low Voltage (KV)					
30	6	$\pm 2 \times 2.5\%$ $\pm 5\%$	0.4	Dyn11 or Yyn0	130	630/600	4	2.3
50					170	910/870		2
63					200	1090/1040		1.9
80					250	1310/1250		1.9
100					290	1580/1500		1.8
125					340	1890/1800		1.7
160					400	2310/2200		1.6
200					480	2730/2600		1.5
250					560	3200/3050		1.4
315					670	3830/3650		1.4
400					800	4520/4300	1.3	
500					960	5410/5150	1.2	
630					1200	6200	4.5	1.1
800					1400	7500		1
1000					1700	10300		1
1250					1950	12000		0.9
1600					2400	14500	5	0.8
2000					750	17400		0.2
2500					900	20200		0.2

