



**NEPEAN**  
Power

# Oil Immersed Distribution Transformer



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NEPEAN Power is a proven leader in the supply and manufacture of quality engineered solutions, products and technologies. Established in 1994, through the commitment of our dedicated team we have become a supplier of choice.

## 11kV 3 Phase, Fully Sealed Distribution Transformer with Off Circuit Tap Changer

Rated Capacity (kVA)	High Voltage (kV)	H.V Tap Range	Low Voltage (kV)	Vector Group	Short-Circuit Impedance (%)	No-Load Loss (W)	On-Load Loss (W)	No-Load Current (%)	Weight (KG)	Overall Dimension (mm)		
										L	W	H
30	6.6, 11	±5% or ±2x2.5%	0.4	Dyn11	4	100	630/600	2.1	310	750	720	930
50						130	910/870	2	420	780	740	950
63						150	1090/1040	1.9	520	800	750	1000
80						180	1310/1250	1.8	520	820	770	1040
100						200	1580/1500	1.6	560	825	790	1020
125						240	1890/1800	1.5	670	830	790	1120
160						280	2310/2200	1.4	770	1070	670	1085
200						340	2730/2600	1.2	890	1140	740	1160
250						400	3200/3050	1.2	1070	1210	790	1200
315						480	3830/3650	1.1	1230	1380	900	1230
400						570	4520/4300	1	1450	1380	900	1300
500						680	5410/5150	1	1670	1490	1000	1320
630						810	6200	0.9	1960	1570	1030	1390
800						980	7500	0.8	2340	1620	1050	1460
1000						1150	10300	0.7	2760	1760	1190	1590
1250						1360	12000	0.6	3200	1780	1140	1670
1600						1640	14500	0.6	3950	1970	1290	1750
2000						1940	18300	0.6	4890	2100	2050	2000
2500	2300	20260	0.5	6280	2330	2210	2150					

# Oil Immersed Distribution Transformer

11kV 3 Phase, Fully Sealed Distribution Transformer with On Load Tap Changer

Rated Capacity (kVA)	High Voltage (kV)	H.V Tap Range	Low Voltage (kV)	Vector Group	Short-Circuit Impedance (%)	No-Load Loss (W)	On-Load Loss (W)	No-Load Current (%)	Weight (KG)	Overall Dimension (mm)																																	
										L	W	H																															
200	6.6, 11	±4x2.5%	0.4	Dyn11	4	380	2910	1.50	1550	1740	870	1450																															
250						450	3420	1.40	1600	1940	880	1560																															
315						540	4100	1.40	1630	1980	900	1610																															
400						640	4960	1.30	2030	2050	1000	1680																															
500						770	5900	1.20	2110	2060	1070	1760																															
630						960	7270	1.10	2670	2590	1130	1970																															
800					4.5	1120	8890	1.00	2900	2620	1290	2070	2650	1380	2120																												
1000																1360	10430	1.00	3400	2650	1380	2120																					
1250																							1560	12400	0.90	4000	2720	1410	2190														
1600																														1920	14790	0.80	5500	2880	1490	2210							
2000																																					2260	17910	0.70	6000	2900	1560	2280
2500																																											



22kV Distribution Transformer



11kV Distribution Transformer with On-Load Tap Changer

22kV S11-M Series Distribution Transformer

Rated Power (kVA)	High Voltage (kV)	H.V Tap Range	Low Voltage (kV)	Connection Symbol	Short-Circuit Impedance (%)	No-Load Loss (W)	On-Load Loss (W)	No-Load Current (%)	Weight (KG)			Overall Dimension (mm)		
									Active Part	Oil	Total	L	W	H
30	22	±5% or ±2x2.5%	0.4	Dyn11	4	100	600	2.1	200	85	350	780	740	930
50						130	870	2	230	90	480	810	760	950
63						150	1040	1.9	300	110	600	830	770	1000
80						180	1250	1.8	350	110	660	860	790	1040
100						200	1500	1.6	400	120	700	865	820	1080
125						240	1800	1.5	450	130	800	870	820	1120
160						290	2200	1.4	550	140	940	1100	840	1130
200						330	2600	1.2	600	160	1130	1170	860	1160
250						400	3050	1.2	700	180	1290	1250	880	1200
315						480	3650	1.1	800	230	1400	1430	920	1230
400					570	4300	1	950	250	1550	1440	940	1300	
500					680	5150	1	1140	260	1780	1540	1020	1320	
630					810	6200	0.9	1300	320	2100	1610	1070	1390	
800					980	7500	0.8	1600	350	2560	1670	1100	1460	
1000					1150	10300	0.7	1830	450	2800	1800	1170	1590	
1250					1360	12000	0.6	2180	490	3200	1830	1230	1670	
1600					1640	14500	0.6	2530	640	4000	2030	1330	1750	
2000					1940	17140	0.6	3100	800	4900	2160	1390	2000	
2500					2300	20260	0.5	3500	1180	6300	2390	1470	2150	



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