



Specification of Hermetic oil immersed distribution transformers



6-11 KV hermetic oil immersed distribution transformers (Class A, NLTC)2
15-24 KV hermetic oil immersed distribution transformers (Class A, NLTC)3
30-40.5 KV hermetic oil immersed distribution transformers (Class A, NLTC)4

6-11 KV hermetic oil immersed distribution transformers (Class A, NLTC)

Rated capacity (KVA)	Connection symbol	Voltage combination (KV)			No-load losses (W)	No-load losses (W) (75°C)		Voltage impedance (%) (75°C)
		HV	Tapping range	LV		Dyn11 Yzn11	Yyn0	
30	Dyn11 Yzn11 Yyn0	6 6.3 10 10.5 11	±5% ±2×2.5%	0.4	65-100	455-630	430-630	4.0
50					80-130	655-910	625-910	
63					90-150	785-1090	745-1090	
80					105-180	945-1310	900-1310	
100					120-200	1140-1580	1080-1580	
125					135-240	1360-1890	1295-1890	
160					160-280	1665-2310	1585-2310	
200					190-340	1970-2730	1870-2730	
250					230-400	2300-3200	2195-3200	
315					270-480	2760-3830	2630-3830	
400					330-570	3250-4520	3095-4520	
500					385-680	3900-5410	3710-5410	
630					Dyn11 Yyn0			
800	560-980	5400-7500	5400-7500					
1000	665-1150	7415-10300	7415-10300					
1250	780-1360	8640-12000	8640-12000					
1600	940-1640	10440-14500	10440-14500					
2000	1085-1940	13180-18300	13180-18300					
2500	1280-2290	13360-21200	13360-21200					
3150					2100	24300	24300	5.0

15-24 KV hermetic oil immersed distribution transformers (Class A, NLTC)

Rated capacity (KVA)	Connection symbol	Voltage combination (KV)			No-load losses (W)	Load losses (W) (75°C)		Voltage impedance (%) (75°C)
		HV	Tapping range	LV		Dyn11 Yzn11	Yyn0	
30	Dyn11 Yzn11 Yyn0	15 19 20 22 24	±5% ±2*2.5%	0.4	80-100	621-690	594-660	5.5
50					104-130	909-1010	864-960	
63					120-150	1080-1200	1010-1150	
80					144-180	1290-1440	1230-1370	
100					160-200	1560-1730	1490-1650	
125					192-240	1870-2080	1780-1980	
160					232-290	2290-2540	2180-2420	
200					272-340	2700-3000	2570-2860	
250					320-400	3170-3520	3020-3350	
315					384-480	3790-4210	3610-4010	
400					456-570	4470-4970	4260-4730	
500					544-680	5350-5940	5090-5660	
630					648-810	6140-6820	6140-6820	6.0
800					784-980	7430-8250	7430-8250	
1000					920-1150	10200-11300	10200-11300	
1250					1100-1380	11900-13200	11900-13200	
1600					1330-3660	14400-16000	14400-16000	
2000					1560-1950	17200-19100	17200-19100	
2500	1870-2340	20000-22200	20000-22200					

30-40.5 KV hermetic oil immersed distribution transformers (Class A, NLTC)

Rated capacity (KVA)	Connection symbol	Voltage combination (KV)			No-load losses (W)	Load losses (W) (75°C)		Voltage impedance (%) (75°C)
		HV	Tapping range	LV		Dyn11	Yyn0	
50	Dyn11 Yyn0	30 31 33 35 36 37 38.5 40.5	±5% ±2*2.5%	0.4	128-160	1080-1200	1030-1140	6.5
100					184-230	1810-2010	1720-1910	
125					216-270	2130-2370	2030-2260	
160					224-280	2540-2820	2410-2680	
200					272-340	2990-3320	2840-3160	
250					320-400	3560-3950	3380-3760	
315					384-480	4280-4750	4080-4530	
400					464-580	5170-5740	4920-5470	
500					544-680	6220-6910	5920-6580	
630					664-830	7070-7860	7070-7860	
800					784-980	8460-9400	8460-9400	
1000					920-1150	10400-11500	10400-11500	
1250					1120-1400	12500-13900	12500-13900	
1600					1350-1690	14900-16600	14900-16600	
2000					1590-1990	17700-19700	17700-19700	
2500					1890-2360	20900-23200	20900-23200	