

### Liquid-filled distribution transformers

Voltage up to 24 kV  
 Primary/secondary voltage 20/0.4 kV  
 Cooling ONAN

Power rating	Type	Short-circuit impedance	Load losses at 75°C Pk	No-load losses Po	Sound power level LWA	Length	Width	Height	Total weight	Conductor material (prim/sec)	Conductor weight	Core material (E-steel)	Core weight (net) (E-steel)	Roller distance
(kVA)			W	W	dB(A)	mm	mm	mm	kg		kg		kg	mm
50	SDT	4%	1100	90	39	900	770	1325	480	Al/Al	38	GO	175	520 x 520
100	SDT	4%	1750	145	41	960	800	1450	700	Al/Al	70	GO	265	520 x 520
160	SDT	4%	2350	210	44	1100	840	1480	1115	Al/Al	95	GO	475	520 x 520
250	SDT	4%	3250	300	47	1150	940	1530	1450	Al/Al	125	GO	620	520 x 520
315	SDT	4%	3900	360	49	1190	950	1580	1585	Al/Al	155	GO	680	670 x 670
400	MDT	4%	4600	430	50	1220	1000	1630	1790	Al/Al	170	GO	790	670 x 670
500	MDT	4%	5500	510	51	1240	1060	1680	1930	Al/Al	205	GO	810	670 x 670
630	MDT	4%	6500	600	52	1300	1090	1800	2400	Al/Al	265	GO	1015	670 x 670
800	MDT	6%	8400	650	53	1430	1080	1850	2680	Al/Al	330	GO	1035	820 x 820
1000	MDT	6%	10500	770	55	1490	1140	1860	2950	Al/Al	340	GO	1080	820 x 820
1250	MDT	6%	11000	950	56	1640	1170	1970	3560	Al/Al	495	GO	1365	820 x 820
1600	MDT	6%	14000	1200	58	1530	1180	2020	4070	Al/Al	520	GO	1525	820 x 820
2000	MDT	6%	18000	1450	60	1690	1200	2060	4550	Al/Al	500	GO	1790	1070 x 1070
2500	LMDT	6%	22000	1750	63	1970	1220	2140	5330	Al/Al	610	GO	2000	1070 x 1070
3150	LMDT	6%	27500	2200	65	2230	1410	2150	8197	Al/Al	610	GO	2400	1070 x 1070

GO: grain oriented electrical steel  
 NO: non-oriented electrical steel  
 AM: amorphous steel

### Liquid-filled distribution transformers

Voltage up to 24 kV  
 Primary/secondary voltage 20/6 kV  
 Cooling ONAN

Power rating	Type	Short-circuit impedance	Peak Efficiency Index	Sound power level LWA	Length	Width	Height	Total weight	Conductor material (prim/sec)	Conductor weight	Core material (E-steel)	Core weight (net) (E-steel)	Roller distance
(kVA)			%	dB(A)	mm	mm	mm	kg		kg		kg	mm
4000	LMDT	6%	99,465	-	2450	1500	2550	9000	Al/Al	800	GO	3100	1070
5000	LMDT	7%	99,483	-	2600	1500	2670	10500	Al/Al	1000	GO	3400	1070
6300	LMDT	7%	99,510	-	2750	2000	2710	12500	Al/Al	1100	GO	4000	1505
8000	LMDT	8%	99,535	-	2950	2000	2770	14700	Al/Al	1350	GO	4800	1505
10000	LMDT	8%	99,560	-	3600	3700	3400	17500	Al/Al	1520	GO	5750	1505

\*Transformers up to and including 8000 kVA are hermetically sealed with corrugated wall, 10000 kVA transformer is with conservator and radiators.

\*\* Provided values of dimensions and weights are preliminary and may change after final design preparation