

# STANDARD SPECIFICATIONS

## OTDS THREE PHASE OIL IMMERSED TRANSFORMERS RATED UP TO 24KV / 0.650

KVA	NO LOAD	LOAD LOSSES watts	CURRENT A	IMPEDANCE %	COSFI'1	COSFI' 0.9	LENGTH mm	WIDTH mm	HEIGHT mm	WHEEL BASE mm	OIL Kg WEIGHT	TOT. Kg WEIGHT	LpA (dB)	LwA (dB)
25	200	780	7.0	4	3.15	3.90	780	460	1120	360	65	300	46	55
50	235	1250	5.3	4	2.54	3.62	790	460	1165	360	80	350	46	57
63	250	1500	5.0	4	2.43	3.56	800	550	1175	360	90	400	48	58
100	380	2000	4.0	4	2.06	3.35	920	600	1200	520	120	500	50	59
125	440	2400	4.2	4	1.98	3.28	930	620	1240	520	130	600	50	59
160	500	2900	3.5	4	1.87	3.21	1000	620	1240	520	150	700	55	62
200	660	3250	3.2	4	1.69	3.08	1035	630	1270	520	180	800	56	63
250	770	3950	2.9	4	1.64	3.05	1085	780	1300	520	220	950	58	65
315	990	5000	2.7	4.5	1.67	3.31	1140	745	1360	520	240	1100	60	67
400	1150	6000	2.4	4.5	1.59	3.24	1270	790	1430	670	270	1300	61	68
500	1350	7000	2.2	4.5	1.49	3.17	1355	860	1455	670	330	1500	61	69
630	1850	9000	2.0	6	1.59	3.93	1460	920	1525	670	400	1700	62	70
800	1950	11000	1.9	6	1.54	3.89	1570	990	1590	670	450	2100	62	72
1000	2200	13000	1.8	6	1.47	3.83	1760	1090	1815	820	550	2700	64	73
1250	2500	15200	1.8	6	1.38	3.76	1850	1140	1930	820	660	3250	66	75
1600	3200	19500	1.7	6	1.39	3.77	1950	1250	2100	820	800	3900	68	76
2000	3600	23500	1.7	6	1.34	3.73	2500	1560	2160	1070	900	4600	70	79
2500	4400	26500	1.6	6	1.23	3.64	2620	1680	2220	1070	1000	5400	74	81
3150	5000	32000	1.5	6	1.19	3.61	2700	1720	2300	1070	1200	6400	75	83

## OTDS THREE PHASE CAST RESIN TRANSFORMERS RATED UP TO 24KV / 0.650

KVA	NO LOAD watts	LOAD LOSSES @75°C watts	LOAD LOSSES @120° watts	CURRENT A	IMPEDANCE %	LENGTH-mm	WIDTH-mm	HEIGHT-mm	WHEEL BASE mm	TOT. WEIGHT Kg	LpA (dB)	LwA (dB)
50	380	1780	2000	2.2	6	1050	620	1000	520	530	50	57
100	530	1880	2200	2	6	1100	620	1100	520	600	50	57
160	680	2600	3000	1.9	6	1250	620	1150	520	780	51	62
200	800	2850	3200	1.7	6	1300	620	1180	520	910	52	63
250	900	3300	3800	1.5	6	1350	620	1260	520	1020	54	63
315	1080	4100	4700	1.4	6	1400	800	1340	670	1180	55	66
400	1250	4800	5500	1.3	6	1450	800	1400	670	1350	56	67
500	1400	5800	6700	1.2	6	1500	800	1550	670	1500	56	68
630	1850	6800	7800	1.2	6	1550	850	1600	670	1830	56	69
800	2100	8250	9400	1.1	6	1600	850	1700	670	2150	58	70
1000	2350	9700	11000	1.0	6	1700	1000	1820	820	2600	59	72
1250	2750	11500	13300	1.0	6	1800	1000	1900	820	3050	60	74
1600	3200	14200	16000	0.9	6	1850	1000	2120	820	3570	62	76
2000	3900	17000	19000	0.9	6	1950	1300	2280	1070	4300	64	77
2500	5000	20000	23000	0.8	6	2100	1300	2350	1070	5300	65	79
3150	5700	24500	27000	0.7	6	2200	1300	2410	1070	6450	67	82

Sizes of up to 15MVA and a huge range of designs are available; please contact us for further information.