

Type : Oil immersed transformer Hermetically Sealed Type

Off-circuit tap changer $\pm 2 \times 2.5\%$

Vector connection Dyn11

Rating Power (kVA)	Single Phase 33 Grd Y		Three Phase																
	19000-460/230		33000-400/230																
	30	50	50	100	160	250	315	400	500	630	750	800	1000	1250	1500	1600	2000	2500	3000
No-Load Loss (Watt)	120	150	170	260	370	520	850	950	1100	1300	1400	1500	1800	2000	2300	2400	2800	3400	3800
Load-Loss 75°C (Watt)	430	670	950	1550	2100	2950	3900	4600	5500	6500	10000	10500	13000	16000	19000	19800	23000	28000	33000
Impedance voltage 75°C (%)	2	2.2	4	4	4	4	4	4	4	4	6	6	6	6	6	6	6	7	7
Rated Current HV (amp.)	1.57	2.63	0.87	1.75	2.79	4.37	5.51	6.99	8.74	11.02	13.12	13.99	17.49	21.87	26.24	27.99	34.99	43.74	52.48
Rated Current LV (amp.)	65.22	108.70	72.17	144.34	230.94	360.84	454.66	577.35	721.69	909.33	1082.53	1154.70	1443.38	1804.22	2165.06	2309.40	2886.75	3608.44	4330.13
Efficiency at P.F.=1																			
at 25% Load (%)	98.08	98.49	98.20	98.59	98.76	98.89	98.63	98.78	98.86	98.93	98.93	98.93	98.97	99.05	99.08	99.10	99.16	99.18	99.22
at 50% Load (%)	98.51	98.75	98.40	98.72	98.89	99.00	98.85	98.96	99.02	99.08	98.97	98.98	99.00	99.05	99.07	99.09	99.15	99.17	99.20
at 75% Load (%)	98.42	98.61	98.16	98.51	98.72	98.85	98.73	98.83	98.89	98.96	98.77	98.78	98.80	98.84	98.86	98.88	98.96	98.99	99.02
at 100% Load (%)	98.20	98.39	97.81	98.22	98.48	98.63	98.51	98.63	98.70	98.78	98.50	98.52	98.54	98.58	98.60	98.63	98.73	98.76	98.79
Voltage regulation at 100% Load																			
at P.F.=0.8 (%)	1.98	2.12	3.65	3.47	3.34	3.26	3.30	3.25	3.22	3.17	4.65	4.64	4.63	4.62	4.61	4.59	4.53	5.16	5.15
at P.F.=0.9 (%)	1.90	1.97	3.27	3.04	2.87	2.77	2.81	2.75	2.71	2.66	3.86	3.84	3.83	3.82	3.81	3.79	3.72	4.18	4.17
at P.F.=1 (%)	1.44	1.36	1.96	1.62	1.38	1.25	1.31	1.22	1.17	1.11	1.50	1.48	1.47	1.45	1.44	1.41	1.32	1.36	1.34
Overall dimension																			
Heigh (H) mm.	1350	1480	1280	1360	1450	1510	1530	1550	1590	1680	1770	1790	1800	1870	2050	2060	2150	2260	2490
Large (L) mm.	740	760	1100	1150	1250	1340	1380	1400	1510	1650	1780	1800	1960	2110	2210	2220	2310	2450	2600
Width (W) mm.	680	730	640	670	700	790	820	840	880	940	1070	1090	1170	1250	1300	1320	1400	1490	1590
Total Weight kg.	330	420	465	660	905	1160	1370	1560	1810	2120	2480	2570	3020	3750	4420	4510	5170	6240	7410
Oil Quantity ltr.	95	125	145	195	245	290	360	435	480	560	660	680	800	920	1040	1090	1440	1640	1890