

Type : Oil immersed transformer Hermetically Sealed Type

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

Vector connection Dyn11

Rating Power  (kVA)	Single Phase		Three Phase																
	22000-460/230		22000-400/230																
	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	160	250	360	500	750	900	1000	1200	1300	1400	1600	1800	2100	2200	2600	3200	3600
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.)	1.36	2.27	1.31	2.62	4.20	6.56	8.27	10.50	13.12	16.53	19.68	20.99	26.24	32.80	39.36	41.99	52.49	65.61	78.73
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	98.28	98.63	98.79	98.92	98.75	98.83	98.94	98.99	98.98	98.98	99.04	99.11	99.13	99.15	99.20	99.21	99.25
at 50% Load (%)	98.51	98.75	98.43	98.74	98.91	99.02	98.92	98.99	99.06	99.11	99.00	99.00	99.04	99.08	99.09	99.11	99.17	99.19	99.22
at 75% Load (%)	98.42	98.61	98.18	98.53	98.73	98.86	98.77	98.85	98.92	98.98	98.78	98.80	98.83	98.86	98.88	98.90	98.97	99.00	99.02
at 100% Load (%)	98.20	98.39	97.83	98.23	98.49	98.64	98.55	98.64	98.72	98.79	98.52	98.53	98.56	98.60	98.61	98.64	98.74	98.77	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.	1220	1320	1080	1170	1230	1320	1420	1480	1540	1580	1620	1640	1680	1700	1810	1850	2070	2200	2310
Large (L) mm.	680	700	940	1090	1190	1220	1320	1380	1460	1600	1700	1760	1940	2080	2150	2150	2280	2410	2500
Width (W) mm.	630	650	620	640	670	690	800	820	860	930	1030	1070	1150	1200	1260	1280	1380	1460	1480
Total Weight kg.	255	365	435	590	835	1015	1260	1490	1700	2030	2370	2480	2880	3410	4280	4360	4980	6030	7020
Oil Quantity ltr.	75	105	115	160	205	260	330	400	440	510	610	630	750	860	980	1030	1340	1550	1770