

Type : Oil immersed transformer Hermetically Sealed Type

Off-circuit tap changer -4x2.5%

Vector connection Dyn11

Rating Power (kVA)		Three Phase																	
		12000/24000-416/240 V																	
		50	100	160	250	315	400	500	630	750	800	1000	1250	1500	1600	2000	2500	3000	
No-Load Loss (Watt)		160	250	360	500	750	900	1000	1200	1300	1400	1600	1800	2100	2200	2600	3200	3600	
Load-Loss 75°C (Watt)		950	1550	2100	2950	3900	4600	5500	6500	10000	10500	13000	16000	19000	19800	23000	28000	33000	
Impedance voltage 75°C (%)		4	4	4	4	4	4	4	4	6	6	6	6	6	6	6	7	7	
Rated Current HV (amp.)		1.20	2.41	3.85	6.01	7.57	9.62	12.03	15.15	18.04	19.24	24.06	30.07	36.08	38.49	48.11	60.14	72.16	
Rated Current LV (amp.)		69.39	138.78	222.06	346.96	437.17	555.14	693.93	874.35	1040.89	1110.28	1387.86	1734.82	2081.79	2220.57	2775.72	3469.65	4163.58	
Efficiency at P.F.=1																			
at 25% Load (%)		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 (%)		98.43	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 (%)		98.18	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 (%)		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 (%)		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 (%)		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 (%)		1.96	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.		1180	1270	1330	1420	1510	1570	1630	1670	1710	1730	1770	1790	1900	1930	2150	2270	2360	
Large (L) mm.		940	1090	1190	1220	1320	1380	1460	1600	1700	1760	1940	2080	2150	2150	2280	2410	2500	
Width (W) mm.		620	640	670	690	800	820	860	930	1030	1070	1150	1200	1260	1280	1380	1460	1480	
Total Weight kg.		455	625	870	1050	1300	1540	1760	2080	2425	2530	2940	3470	4350	4430	5060	6110	7100	
Oil Quantity ltr.		125	175	235	285	360	430	475	550	650	670	790	905	1025	1080	1380	1605	1810	