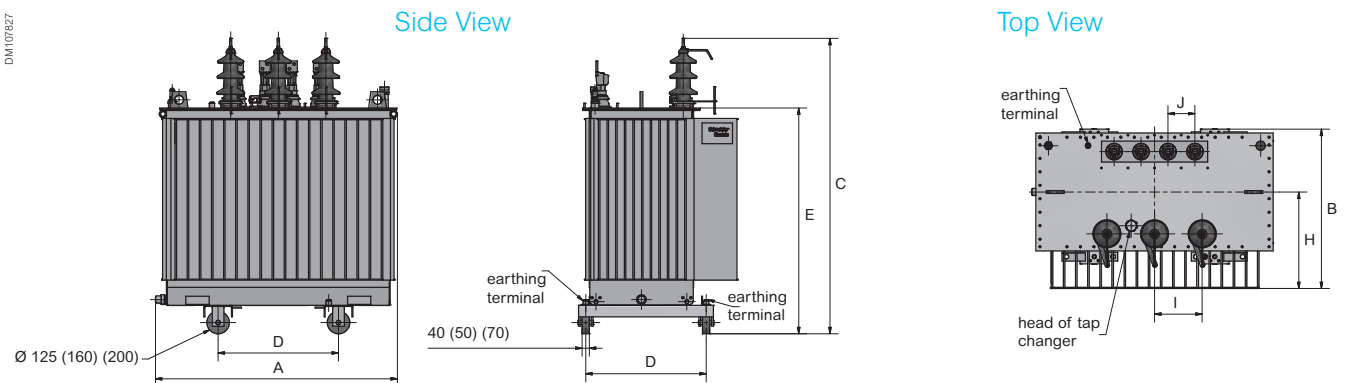


Minera - Oil Distribution Transformer Up to 3150 kVA - 12 kV - 400V

Main electrical characteristics

Power kVA	50	100	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500
Primary voltage	10 kV														
Secondary voltage	400 V between phases (at no load)														
HV insulation level	12 kV (75 / 28 kV)														
HV tapping range	+/- 2.5% and/or +/- 5%														
Temperature	Temperature rise 65 / 60 k														
Vector group	Dyn 11 (other vector groups upon request)														
No-load losses (Watts)	81	130	189	225	270	324	387	459	540	585	693	855	1080	1305	1575
Load Losses at 75°C (Watts)	750	1250	1750	2017	2350	2800	3250	3900	4600	6000	7600	9500	12000	15000	18500
Impedance voltage (%)	4	4	4	4	4	4	4	4	4	6	6	6	6	6	6
Altitude maximum	1000 m														
Acoustic Level dB(A):															
Power L _{pa} (1m)	38	40	43	44	46	48	49	50	51	52	54	55	57	59	62

Dimensions and weights*



Rated power (kVA)		50	100	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500
Without enclosure IP00																
Length	A mm	880	960	1010	1060	1060	1165	1165	1261	1261	1390	1552	1517	1736	1936	2096
Width	B mm	638	711	707	750	750	800	800	867	867	955	1114	1102	1104	1234	1244
Height to bushings	C mm	1155	1272	1294	1350	1350	1456	1456	1586	1586	1688	1734	1843	1812	2010	2325
Roller distance	D mm	520	520	520	520	520	670	670	670	670	670	820	820	820	1070	1070
Height to cover	E mm	849	966	988	1044	1044	1150	1150	1280	1280	1343	1389	1498	1465	1663	1801
Distance between HV bushings	I mm	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265
Distance between LV bushings	J mm	105	105	105	105	150	150	150	150	150	150	150	150	155	155	220
Distance to middle of cover	H mm	388	438	437	440	440	482	482	527	527	577	557	551	552	617	622
Total weight	kg	580	870	960	1120	1260	1570	1790	2160	2420	3150	3810	4030	4440	5210	6480
Oil weight	kg	126	176	185	253	232	349	315	471	419	583	699	778	860	996	1159
Roller Dimension	mm	Fi 125	Fi 125	Fi 125	Fi 125	Fi 125	Fi 125	Fi 125	Fi 125	Fi 125	Fi 125	Fi 125	Fi 125	Fi 160	Fi 200	Fi 200
HV Bushings Type	Porcelain bushing															
LV Bushings Type	Porcelain bushing															

* Dimensions and weights

Dimensions and weights are for guidance only and are NON CONTRACTUAL. Only the definitive drawings following from the order will commit us contractually. For other voltages, impedance voltages and dual-voltages, weights and dimensions are different (consult us).