

TC, TC3 series TRANSFORMERS of 0.66 kV voltage class

Three-phase dry-type transformers TC (without a housing) and TC3 (fitted with a housing) are intended for electric energy transforming at a.c. consumers, under cold-temperate climate, being designed for indoor use and to be installed in workrooms with controlled conditions (+35 °C to +1 °C). Transformers are assigned for operation in inexplosive environments excluding dust content that could affect transformer parameters to inadmissible limits. Transformers are not assigned for operation either under effects of jolting, vibration or impacts, or in chemically active environments. Operable altitude elevation above sea level is not more than 1000 m.

Transformers are *of high reliability, require practically no expenses for maintenance*, they are cost-efficient.

Corrected sound-power level makes not more than 65 dBA.

TC type is of **IP00** protection degree; TC3 type is of **IP21** protection degree.

Rated frequency: 50 Hz.

Insulation heat resistance is of A class.

Specifications for transformers of 380 V HV-rating, 230 V LV-rating and Yny0 winding connection/vector group are given in the Table below.

TC, TC3 series transformers specifications

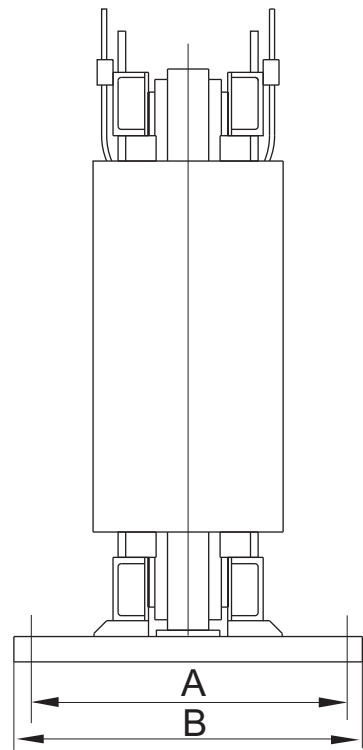
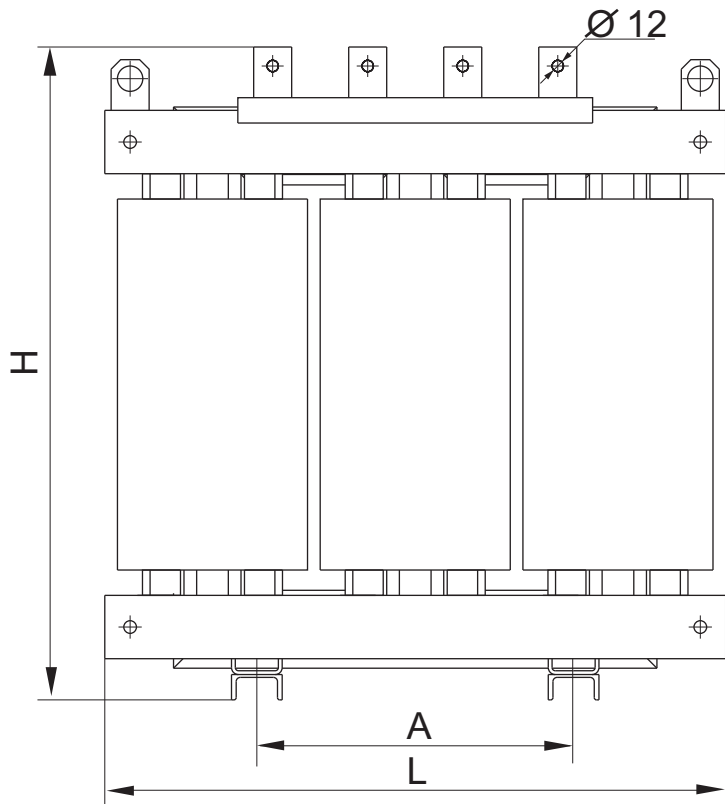
Transformer type	Rated power, kV·A	Loss, W		No-load current, %	Short-circuit voltage, %	Dimensions, mm				Mass, kg
		no-load	short-circuit			L	B	H	A	
TC-16/0.66	16	115	440	3.0	3.8	650	440	660	400	145
TC3-16/0.66						800		860		160
TC-25/0.66	25	155	600	3.0	3.8	680	440	780	400	177
TC3-25/0.66						810		940		195
TC-40/0.66	40	220	880	3.0	3.8	720	440	810	400	220
TC3-40/0.66						880		980		240
TC-63/0.66	63	290	1280	2.0	3.8	760	440	900	400	287
TC3-63/0.66						920		1100		310
TC-100/0.66	100	390	1450	1.5	3.8	870	550	950	500	420
TC3-100/0.66						980		1120		460



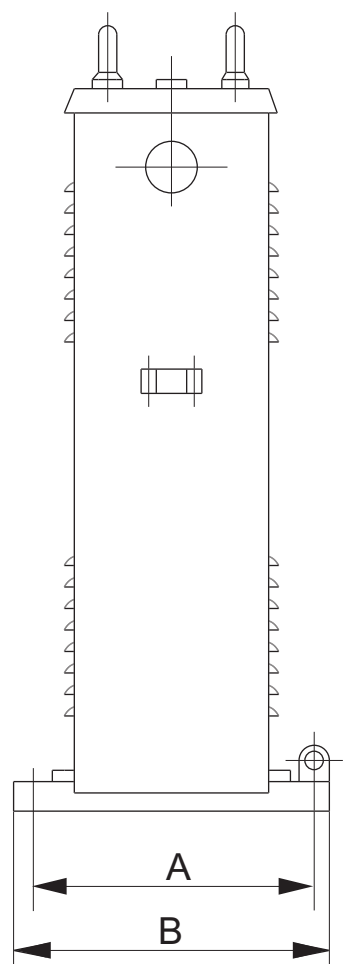
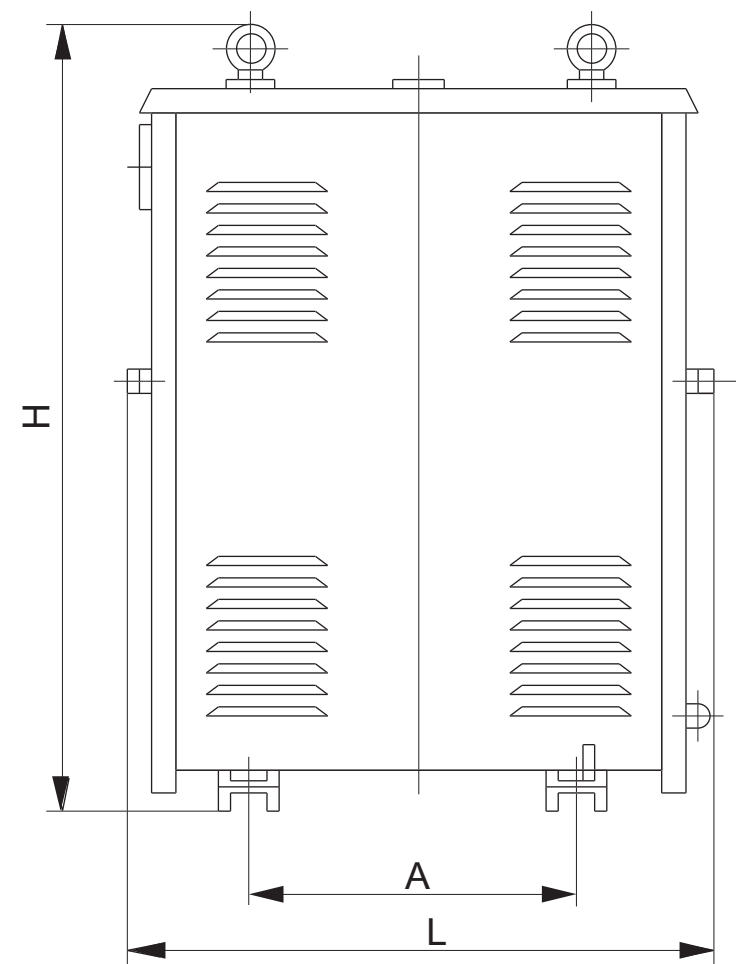
TC 63 kV·A



TC3 63 kV·A



TC transformer



TC3 transformer