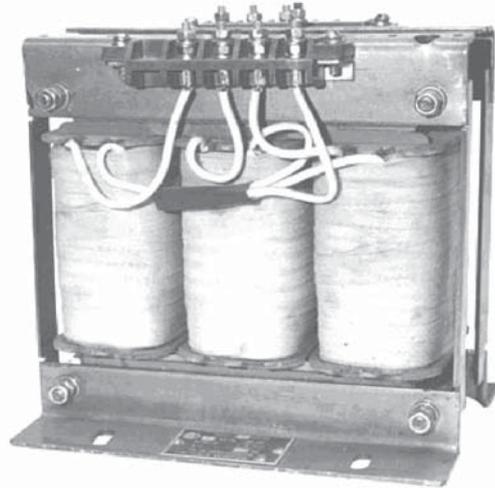


TCM1 SERIES TRANSFORMERS

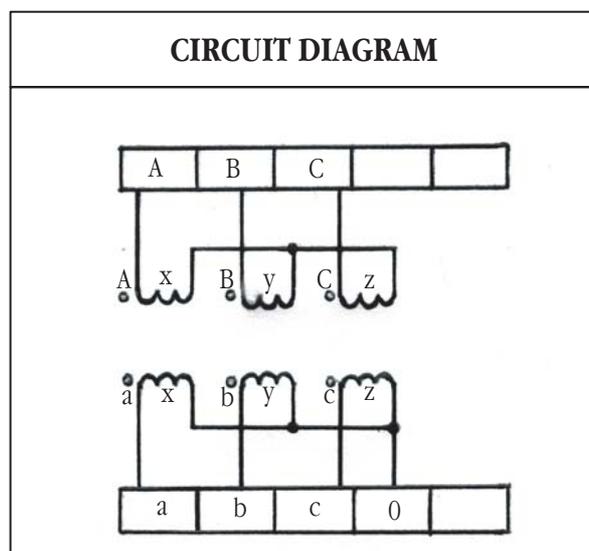
TCM1 series transformers (three-phase, dry-type) rating 1.6, 2.5, 4.0 kV·A, are intended for power supply of rectifying circuits, of semiconductor converters in machines, of electric tools and others devices requiring reduced three-phase voltage.

Transformers employ a laminated magnetic core with coils of copper wire. Assembled transformers are impregnated with insulating varnish in a vacuum impregnator. Climatic version – for cold or moderate climate. Winding connection/vector group - YYn-0.

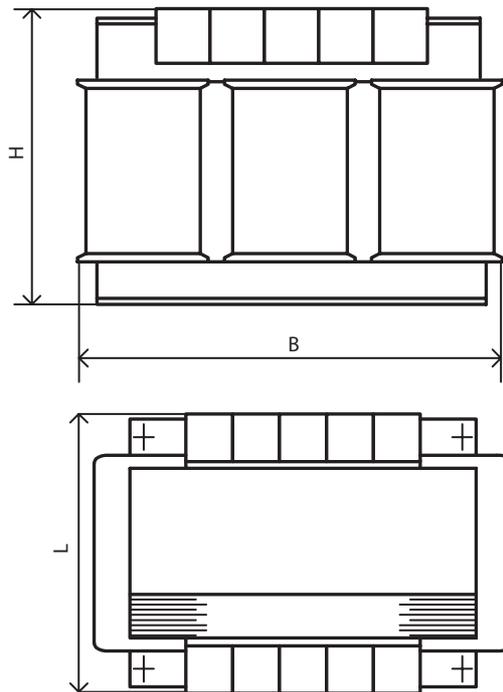


Power, kV·A	Winding voltage, V		No-load current, A		Short-circuit voltage, V		Efficiency	
	of primary	of secondary	Rated	Tolerance limits	Rated	Tolerance limits	Rated	Tolerance limits
			%					
1.6	220; 380	19; 22; 36	24	+30	3.0	+20	95.5	-2
2.5			20		2.5		96.5	
4.0		36	15		2.3		97.5	

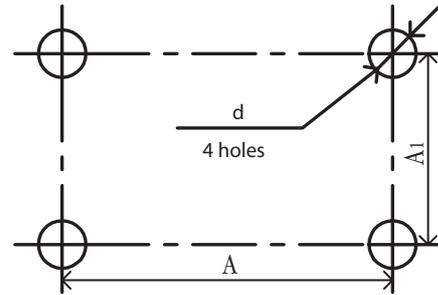
Note: Tolerance limits are given per cent as to nominal value.



OVERALL, MOUNTING DIMENSIONS



Arrangement of holes for
transformer mounting



Transformer type	B	L	H	A	A_1	d	Mass
	mm						kg
TCM1-1.6	265	157	270	160	112	11	23
TCM1-2.5		185			140		30
TCM1-4.0	340	190	300	220	143		45