



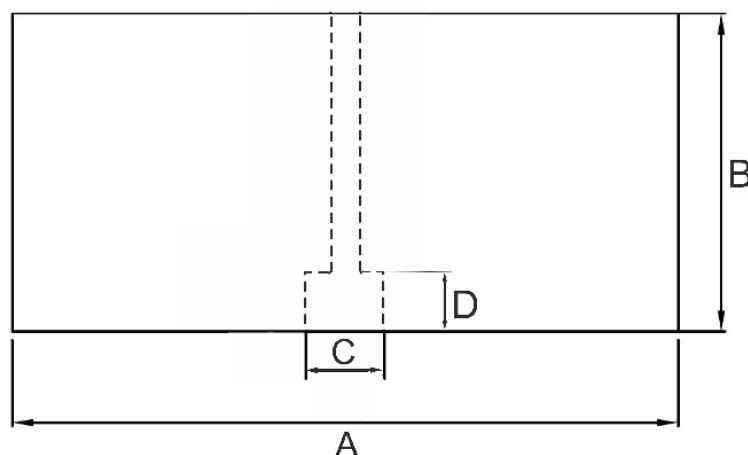
Single-phase toroidal transformers intended for power supply of railway turnouts heating systems. Cast resin enables the usage in humid environment, prevents the transformer from mechanical damages and harsh weather conditions. Transformers are made with Class II insulation and protection rating IP00. Maximum ambient temperature is 40 degrees Celsius. Thermal classification: B (130 degrees Celsius). Manufactured in compliance with PN-EN 61558-1, PN-EN 61558-2-4 (2,5; 3,0; 4,0; 5,0 kVA), PN-EN 61558-2-6 (0,15; 0,2 kVA)



Power: 0,15, 0,2, 2,5, 3,0, 4,0, 5,0 kVA

Rated voltage PRI: 230V 50/60 Hz or 400V 50/60 Hz

Rated voltage SEC: 230V (2,5kVA, 3,0kVA, 4,0kVA, 5,0kVA)
or 24V (version 0,15kVA and 0,20kVA)



Type	Power [kVA]	PRI/SEC [V]	Dimensions [mm]				Weight [kg]	Mounting
			A	B	C	D		
TTZ 150/Z	0,15	230/ 24V	103	52	10	5,7	1,7	M6
TTZ 150/Z	0,15	400/ 24V	103	52	10	5,7	1,7	M6
TTZ 200/Z	0,2	230/24V	114	53	10	5,7	2	M6
TTZ 2500	2,5	230/230V	220	105	26	12	17,5	M10
TTZ 2500	2,5	400/230V-230V AT50VA	220	105	26	12	17,5	M10
TTZ 3000	3,0	400/230V-230V AT50VA	255	105	26	12	22	M10
TTZ 4000	4,0	230/230V	270	110	26	12	26,6	M10
TTZ 4000	4,0	400/230V-230V AT50VA	270	110	26	12	26,6	M10
TTZ 5000	5,0	400/230V-230V AT50VA	300	115	26	12	35,6	M10

As a result of constant development of product construction and changes concerning technical requirements, Breve Tufvassons reserves the right to change the parameters mentioned above.