

TSA Type – for tube and transistor amplifiers

Single-phase TSA type audio grade, toroidal transformers, manufactured and tested in compliance with EN 61558.

Toroidal transformers in audio grade realization can satisfy the most demanding electro-acoustic applications. They are marked by the highest quality, noise-free operation and excellent electrical parameters. They are custom made in order to satisfy the individual needs of the recipient.

The excellent performance of our products has been achieved by use of the highest quality laboratory selected components.

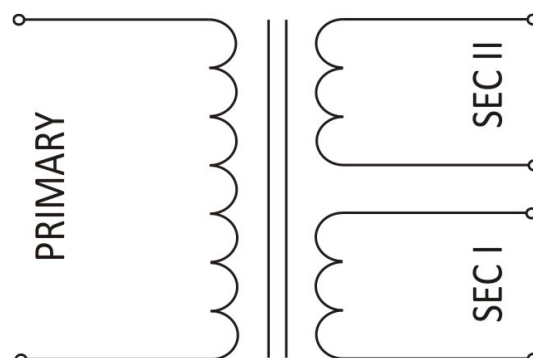
Modifications include but are not limited to: core and coil saturation, electrical and magnetic shields, enclosures filled with epoxy resin, and vibration-proof mounting.

Technical specification:

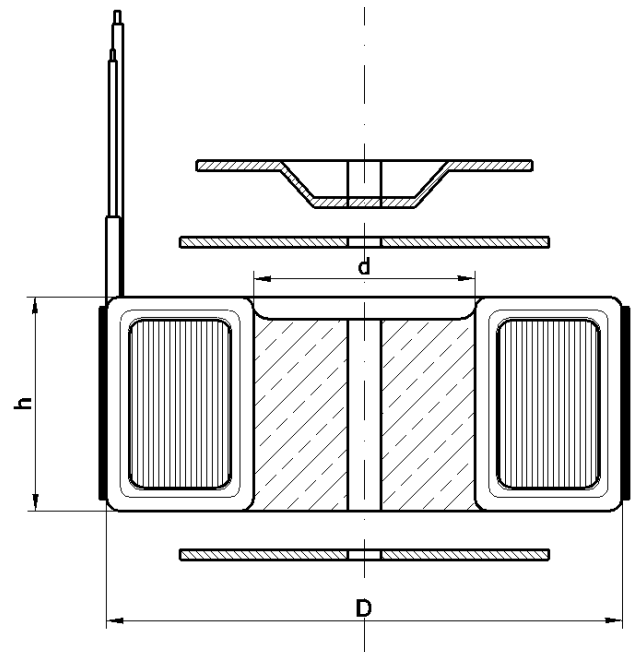
Nominal Power: 20 - 2000VA
 Input voltage: 1 – 500V
 Frequency: 50 – 60Hz
 Output voltage: 3 – 1000V (multiple taps)

Construction / Insulation class: II / B (130°C)
 Ambient temperature: 40°C
 Protection degree: up to IP-65
 Insulation voltage test: 4kVAC (RMS)

Wiring diagram:



example, double secondary transformer



Standard 115V or 230V primary models – one, two or multiple outputs

Type	Nominal Power [VA]	SECONDARY voltage(s) [VAC]	SECONDARY current [A]	Dimensions	
				diameter [D]	Height [h]
TSA20VA	20	10 – 1000	0,01 – 2	63	28
TSA30VA	30	10 – 1000	0,01 – 3	63	34
TSA50VA	50	10 – 1000	0,01 – 5	83	33
TSA60VA	60	10 – 1000	0,01 – 6	85	34
TSA80VA	80	10 – 1000	0,01 – 8	94	40
TSA100VA	100	10 – 1000	0,01 – 10	95	41
TSA120VA	120	10 – 1000	0,01 – 12	95	42
TSA150VA	150	10 – 1000	0,01 – 15	97	44
TSA200VA	200	10 – 1000	0,01 – 20	115	46
TSA250VA	250	10 – 1000	0,01 – 25	117	47
TSA300VA	300	10 – 1000	0,01 – 30	130	44
TSA400VA	400	10 – 1000	0,01 – 40	130	55
TSA500VA	500	10 – 1000	0,01 – 50	145	56
TSA600VA	600	10 – 1000	0,01 – 60	148	58
TSA800VA	800	10 – 1000	0,01 – 80	153	65
TSA1000VA	1000	10 – 1000	0,01 – 100	168	70
TSA1200VA	1200	10 – 1000	0,01 – 120	170	70
TSA1500VA	1500	10 – 1000	0,01 – 150	190	70
TSA2000VA	2000	10 – 1000	0,01 – 200	195	75

Get more informations about custom made non standard audio grade transformers : info@toroidy.pl