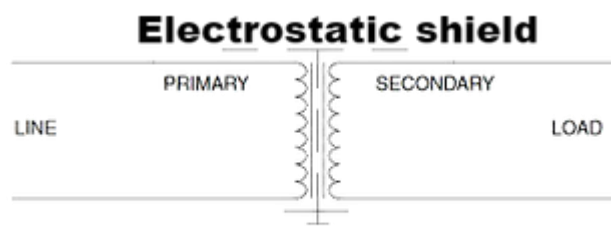


Toroidal Transformers

Model	Power VA		Dimensions mm		Weight Kg
	Primary	Secondary	Diameter	Height	
165	50	40	68	40	0.54
225	50	40	75	32	0.55
255	60	50	75	37	0.77
305	80	70	85	42	0.90
325	100	90	100	35	0.95
375	100	90	88	45	1.00
435	150	135	110	43	1.55
500	200	180	115	50	2.00
600	250	225	120	46	2.28
700	300	270	120	55	2.80
800	400	360	130	60	3.62
900	500	450	132	70	4.20
975	600	540	132	80	5.17
1000	800	720	160	83	6.71
1200	1000	900	170	75	8.00
1700	1500	1350	180	90	11.64
2700	2000	1800	180	100	12.90

The toroidal transformers can be made by electrostatic and magnetic shielding.

The electrostatic shield is simply a grounded single turn of conductive nonferrous foil placed between coils to divert primary noise to ground. A transformer with electrostatic shields is used for power supplies for sensitive equipment such as Tube Amplifiers laboratory instruments and for medical use. An isolation transformer is designed to address the problems associated with referencing its internal shields to ground.



The magnetic shield is necessary for sensitive in magnetic field equipment. The first way is with a metallic stripe (from the same material of the core) in the perimeter of the transformer. The second way is to make the transformer potted into a metallic round box. This practice is also a very good solution for great design. Usually is used for transformers in tube amplifiers.



We have two different fastening methods. The first and standard method is with a metal ring having a seal at the bottom of the transformer and one at the top under the washer. The second is to make the transformer Potted Center or potted on metal box like in the above pic.

