

15 TOROID TRANSFORMERS



Transformers with toroid cores have a low electromagnetic field dispersion, and small idle current, high efficiency and easy assembly. Outlets are made of wires on one side of the toroid. After agreement it is possible to adapt the dimensions and to equip the transformer with various accessories (fuses, clamps, etc.)

The transformers are designed for permanent loading in thermal class B, at a maximum surrounding temperature of 40°C, maximum over voltage is 110%. The coverage is in the class IP 00.

Output is from 20 VA to 2500 VA.

TOR – Toroid transformer without mechanical modifications.

TOR-Z – Toroid transformer with cast-in centre and assembly hole.

TOR-K – Encapsulated toroid transformer with terminal blocks.

In the table are the approximate dimensions and weight without the cast-in centre for 230 / 24V conversion.

For other conversions the parameters may differ. In the case of higher currents (higher output, voltage under 12V) it is necessary to discuss the toroid production with the design department.



Type	Design	Dimensions (informative) [mm]			Rated output VA	Weight (informative) kg
		Outside diameter	Height (without terminal block)	Diameter of assembly hole for TOR-Z		
T3820	TOR-Z	67	27	4,4	20	0,33
	TOR-K	73	36	7		
T4225	TOR-Z	80	37	4,4	50	0,64
	TOR-K	88	42	8		
T4725	TOR-Z	85	34	5,4	63	0,74
	TOR-K	91	41	7		
T4830	TOR-Z	89	41	5,4	80	0,9
	TOR-K	97	44	10		
T5030	TOR-Z	95	43	5,4	100	1,1
	TOR-K	105	52	10		
T5530	TOR-Z	103	43	5,4	120	1,3
	TOR-K	115	53	10		
T6030	TOR-Z	113	45	5,4	160	1,7
	TOR-K	126	66	10		
T6035	TOR-Z	113	51	6,4	200	2,1
	TOR-K	126	66	10		
T6540	TOR-Z	124	57	6,4	250	2,5
	TOR-K	134	70	13		
T7540	TOR-Z	133	52	6,4	300	2,9
	TOR-K	140	66	13		
T7845	TOR-Z	140	59	6,4	400	3,6
	TOR-K	147	65	13		
T8050	TOR-Z	145	65	6,4	500	4,4
	TOR-K	151	83	13		
T8850	TOR-Z	162	69	6,4	630	5,6
T9760	TOR-Z	172	75	8,4	800	7,1
T10560	TOR-Z	189	80	10,4	1000	8,5
T12270	TOR-Z	220	93	10,4	1600	13,4
T13575	TOR-Z	243	100	12,4	2000	17,3
T14080	TOR-Z	252	105	12,4	2500	20,7



ELEKTROKOV, a.s. ZNOJMO

Kotkova 3582/19, 669 02 ZNOJMO, CR

tel.: +420 515 200 004-5, fax: +420 515 200 034

e-mail: obchodni@elektrov.cz, http://www.elektrov.cz

