Your contact:
+49-(0)2 12-88 04-0 • info@reo.de

RFT-MV

Toroidal fixed transformers, with sealed center hole



Unique Selling Point

- Integrated mounting plate with partial sealing
- No audible noise
- Low magnetic stray field
- Low voltage drop
- High efficiency level
- Gap-free iron core
- Direct mounting option with only one screw
- Safe distance to the mounting surface

Description

Toroidal transformer with sealed centre hole used as mains transformer, autotransformer, safety isolating transformer, isolating transformer.

The toroidal transformers with sealed centre hole or sealed socket have the same advantages as the open transformers, however they also provide a good mounting solution for the transformer. This allows faster time and lower cost mounting as only a central stud is required. A safe distance from the mounting surface is ensured.

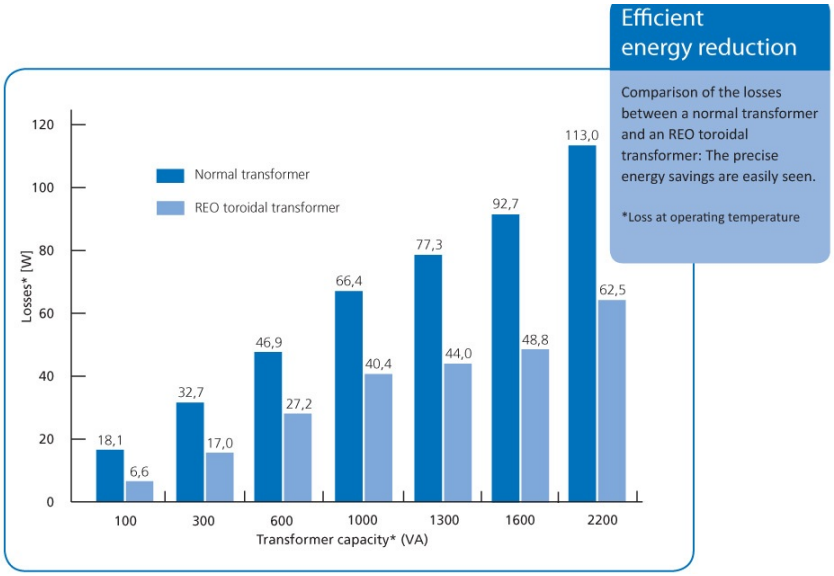
- Conform to: EN 61558-2-6, EN 61558-2-4, EN 61558-2-1
- Maximum production : up to 6 kVA
- Voltages: 24 up to max. 690V
- Frequency range: 50-400Hz
- Rated currents: up to 50 A
- Temperature class: T40/E und T40/B

Special voltages and higher capacities on request

Technical Data

- Rated power : 10 - 6000 VA
- Input voltage : 230 V

Efficient reduction of costs and energy



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Technical data

Type	Rated power (VA)	Voltage Input [V]	Voltage Output [V]	Current at output 230V (A)	G-Cu [kg]	eta [%]	Io [mA]	delta-U [Factor]	Po [W]
RFT-MV-10	10	230	24 - max. 690	0,04	0,10	83	3	1,18	0,15
RFT-MV-20	20	230	24 - max. 690	0,09	0,13	83	3	1,17	0,30
RFT-MV-30	30	230	24 - max. 690	0,13	0,19	86	5	1,13	0,50
RFT-MV-50	50	230	24 - max. 690	0,22	0,35	88	6	1,12	0,60
RFT-MV-80	80	230	24 - max. 690	0,35	0,50	90	9	1,10	0,80
RFT-MV-100	100	230	24 - max. 690	0,43	0,40	92	11	1,08	1,00
RFT-MV-120	120	230	24 - max. 690	0,52	0,53	92	12	1,07	1,30
RFT-MV-150	150	230	24 - max. 690	0,65	0,60	93	13	1,07	1,30
RFT-MV-200	200	230	24 - max. 690	0,87	0,87	93	16	1,06	1,70
RFT-MV-250	250	230	24 - max. 690	1,09	1,07	94	20	1,06	1,90
RFT-MV-300	300	230	24 - max. 690	1,30	1,10	94	22	1,06	2,20
RFT-MV-400	400	230	24 - max. 690	1,74	1,62	94	27	1,05	2,70
RFT-MV-500	500	230	24 - max. 690	2,17	1,90	95	37	1,05	3,80
RFT-MV-600	600	230	24 - max. 690	2,61	2,30	95	39	1,05	3,90
RFT-MV-1000	1000	230	24 - max. 690	4,35	3,00	96	70	1,03	7,50
RFT-MV-1200	1200	230	24 - max. 690	5,22	4,00	97	72	1,03	7,50
RFT-MV-2400	2400	230	24 - max. 690	10,43	6,70	97	125	1,02	13,00
RFT-MV-3000	3000	230	24 - max. 690	13,04	8,30	97	160	1,02	16,00
RFT-MV-3600	3600	230	24 - max. 690	15,65	9,80	97	190	1,02	19,00
RFT-MV-4200	4200	230	24 - max. 690	18,26	11,10	98	240	1,02	24,00
RFT-MV-4800	4800	230	24 - max. 690	20,87	13,20	98	270	1,01	27,50
RFT-MV-5400	5400	230	24 - max. 690	23,48	15,20	98	280	1,01	28,00
RFT-MV-6000	6000	230	24 - max. 690	26,09	15,90	98	320	1,01	32,00

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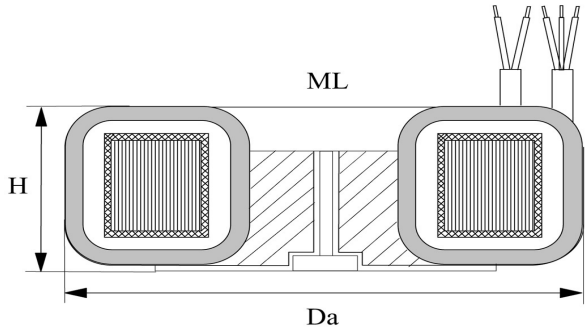
Dimension drawing



Dimensions

Type	Da [mm]	H [mm]	Total weight [kg]	Center hole (ML) [mm]	DIN 931-8.8 Screw 1x [mm]
RFT-MV-10	58	30	0,35	5,60	M5x40
RFT-MV-20	60	35	0,55	5,60	M5x45
RFT-MV-30	70	35	0,70	5,60	M5x45
RFT-MV-50	82	36	0,90	5,60	M5x45
RFT-MV-80	87	42	1,20	5,60	M5x45
RFT-MV-100	99	43	1,45	5,60	M5x45
RFT-MV-120	99	50	1,60	6,40	M6x50
RFT-MV-150	99	50	1,80	6,40	M6x50
RFT-MV-200	110	50	2,50	6,40	M6x50
RFT-MV-250	115	58	2,80	8,10	M8x55
RFT-MV-300	115	65	3,20	8,10	M8x55
RFT-MV-400	127	65	3,90	8,10	M8x55
RFT-MV-500	138	65	4,50	8,10	M8x60
RFT-MV-600	143	75	6,00	8,10	M8x60
RFT-MV-1000	167	90	9,00	9,80	M8x70
RFT-MV-1200	168	95	10,50	9,80	M8x70
RFT-MV-2400	208	95	18,00	9,80	M8x85
RFT-MV-3000	250	95	22,00	9,80	M8x85
RFT-MV-3600	250	110	25,50	9,80	M8x85
RFT-MV-4200	250	130	30,00	9,80	M8x85
RFT-MV-4800	272	120	35,50	9,80	M8x85
RFT-MV-5400	285	120	37,50	9,80	M8x85
RFT-MV-6000	290	130	42,00	9,80	M8x85

* das Maß wird vom verwendeten Montageteller bestimmt

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Mounting accessories

When ordering, please state:

Mounting accessories:

- 1 screw, DIN 931- 8.8

