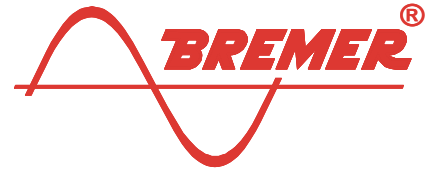


Transformers 1-phase



Type series M- and MD-Classic with 30 to 130VA; special transformers, vertical or horizontal; The formerly widely used M core laminations are now difficult to obtain. They are still popular for high-quality audio equipment.

BREMER 1441-en

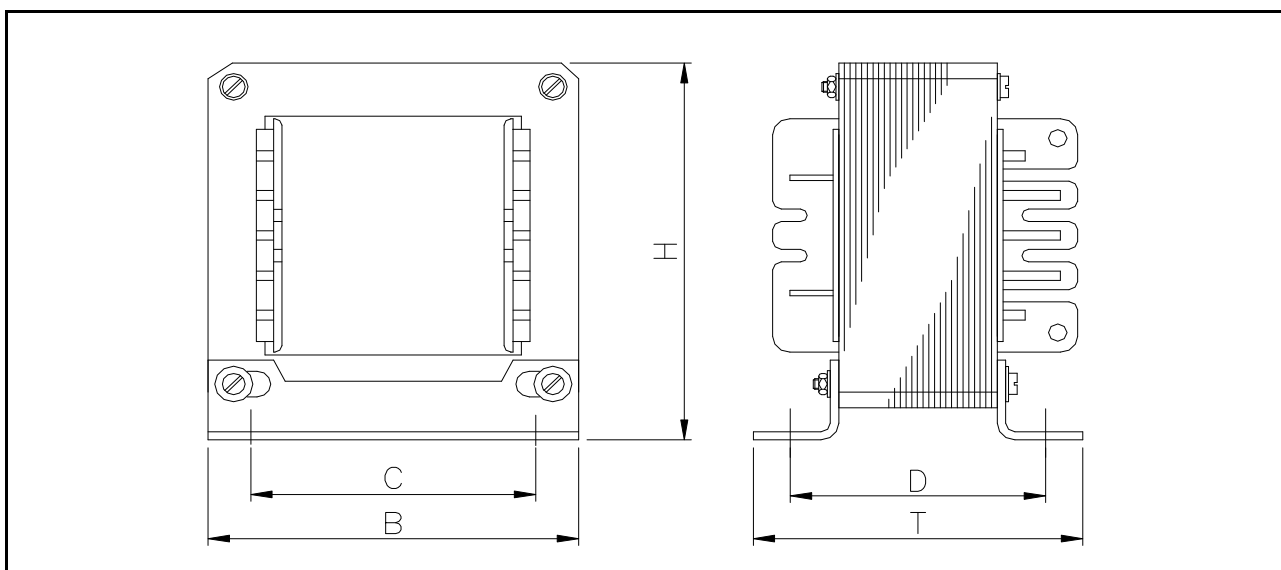
Design:	Vertical or horizontal	Ambient temperature:	$t_a = 40^\circ\text{C}$ ($t_a = 40/\text{B}$)
Type series:	"M- and MD" classic-type	Temperature rise:	$\Delta T = \text{ca. } 45\dots 50\text{K}$ (40/B)
Terminals:	According to customer requirements	Core material:	Standard or grain-oriented

Core-Type	Power approx. VA	Weights copper / total kg	Basic dimensions			Mounting dimensions	
			Width B mm	Depth T mm	Height H mm	C x D mm	For screw
MD 55a/21	30	0,1 / 0,6	65	52	62	50 x 39	M 4
MD 55b/28	35	0,1 / 0,8	65	58	62	50 x 45	M 4
M 85a/33	100	0,4 / 2,0	85	64	91	64 x 50,5	M 4
M 85b/45	130	0,5 / 2,6	85	77	91	64 x 63,5	M 4

Transformers with "M", "MD" and "WVM" core laminations were the "gold standard" in former times. The somewhat larger winding space compared to "EI" transformers of similar type ratings enables more complex winding and insulation techniques, which are now only used in high-quality classic devices, e.g. in audio technology. For example, we manufacture output transformers for exclusive tube amplifiers often with multiple nested windings. Unfortunately, the procurement of materials has become difficult. Therefore, we only list the types for which we have significant stocks of core laminations. For small series, individual pieces and repairs, we currently also have remaining stocks in the other "M" and "MD" dimensions. We look forward to receiving your enquiry.

Insulation class B / highest final temperature according to IEC60085: B = 130°C

More about temperatures, standards, no-load / load behaviour, insulating materials and insulating material classes under Technical Terms



Error and subject to change

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Table: BREMER 1441-en-dt__1MT+1MD_SS-MAW__d.xls

Sketch: 1M-SS-MAW-FE-L-aax-RF050512.dwg

We develop and produce only in Germany / Berlin-Ludwigsfelde

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