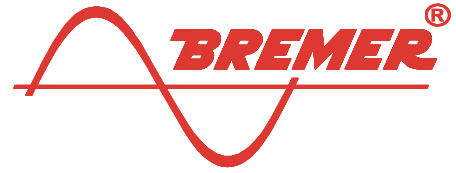


# Transformers 1-phase



We manufacture individual single-phase transformers up to a total weight of approx. 500kg. The electrical design, the mechanical construction and the design of the connections are made according to customer requirements. If required, matching housings in standard or customer color are available.

**BREMER 1450-en**

Design:	Vertical	Ambient temperature:	Acc. to customer requirements
Type series:	BREMER ETN series	Temperature rise:	Acc. to customer requirements
Terminals:	According to customer requirements	Core material:	Grain-oriented material

Core-Type	Insul.cl.	Maximum power approx. kVA	Weights copper / total kg	Dimensions with terminals				Mounting dimensions	
				Width B mm	Depth T mm	Height H mm	Height HK mm	C x D mm	For screw
ET25N	F/H	25	80 / 190	400	270	560	660 (UK35)	260 x 160	M 12
ET35N	F/H	35	90 / 230	400	300	560	660 (UK35)	260 x 170	M 12
ET50N	H	50	100 / 250	460	380	560	660 (UK35)	320 x 210	M 12
ET65N	H	65	120 / 270	460	400	700	800 (UK35)	320 x 210	M 12
ET100N	H	100	160 / 450	570	600	700	800 (UK35)	430 x 220	M 12

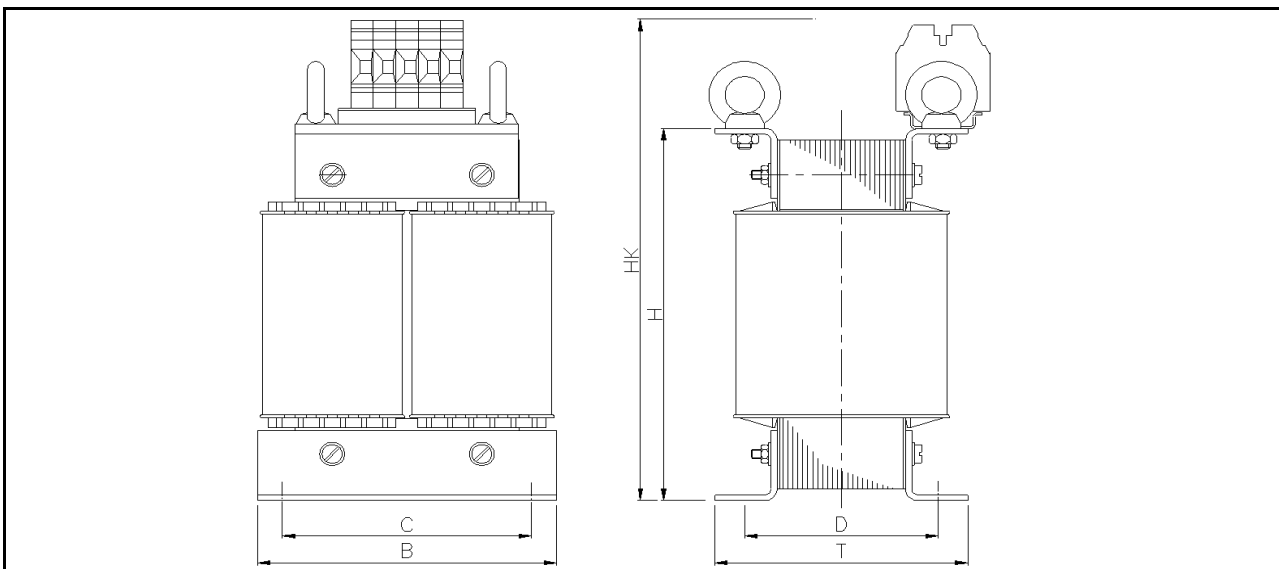
Power examples for ta25 ... ta40

Other mounting dimensions possible

These transformers must be mounted with vertical magnetic axis (vertical coil axis) for cooling. In some cases the windings are designed with cooling channels.

Insulation class / highest final temperature according to IEC60085: B = 130°C F = 155°C H = 180°C

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



Error and subject to change

We develop and produce only in Germany / Berlin-Ludwigsfelde

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Status: 13.10.2021 14:09

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Table: BREMER 1450-en-dt\_1UI-Streifen-S\_UKK\_\_b.xls

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Sketch: 1UI-SL-UKK180ff-aa-TB210403.dwg