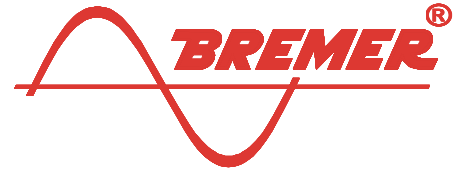


Transformers 3-phase



3-phase power transformers 5,8 bis 17kVA, grain-oriented core laminations; with mounting brackets for mounting on vertical panels; Mounting position with vertical magnetic axis for cooling by convection.

BREMER 3734-en

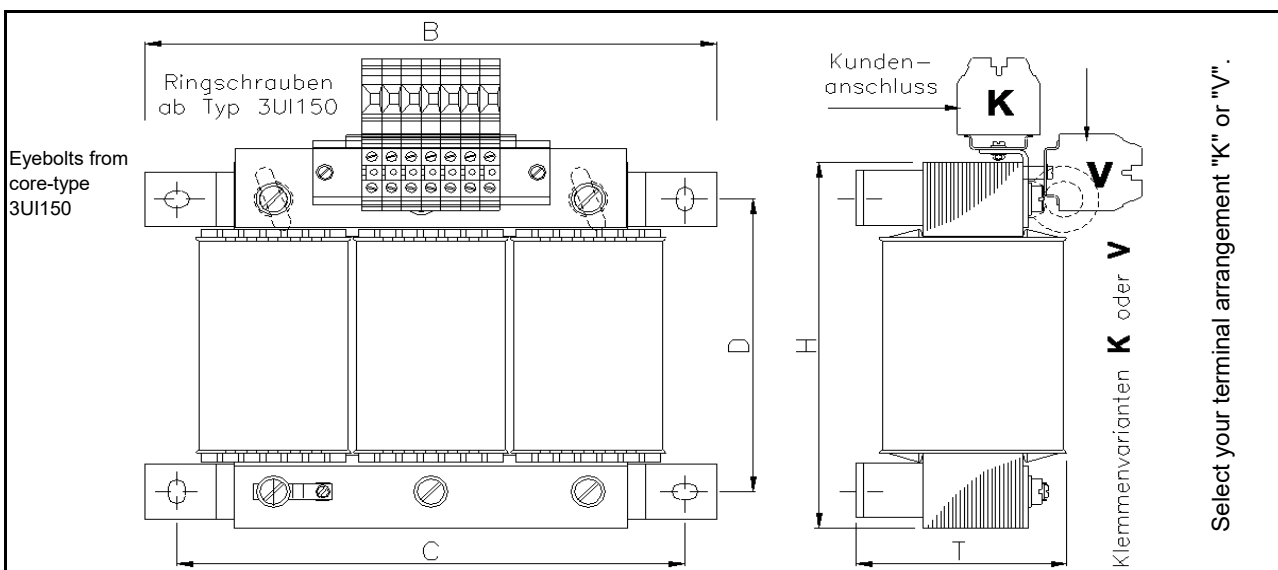
Design:	Fixing brackets typ "B"	Ambient temperature:	ta = 70°C (ta = 70/F)
Type series:	Power transformers "3UI"	Temperature rise:	ΔT = ca. 45...50K (70/F)
Terminals:	Terminal block acc. to customer req.	Core material:	Grain-oriented material

Core-Type	Power approx. VA	Weights copper / total kg	Basic dimensions without terminals			Mounting dimensions		
			Width B mm	Depth T mm	Height H mm	C x D mm	For screw	
3UI 180/63	F	5,8	29 / 66	394	160	300	358 x 240	M8
3UI 180/78	F	6,0	34 / 78	394	180	300	358 x 240	M8
3UI 180/93	F	6,5	39 / 90	394	195	300	358 x 240	M8
3UI 210/53	F	7,5	43 / 89	452	165	350	408 x 280	M10
3UI 210/63	F	8,0	44 / 95	452	175	350	408 x 280	M10
3UI 210/73	F	9,0	47 / 107	452	185	350	408 x 280	M10
3UI 210/88	F	10,0	50 / 121	452	200	350	408 x 280	M10
3UI 210/103	F	11,0	56 / 136	452	220	350	408 x 280	M10
3UI 210/133	F	12,0	61 / 165	452	250	350	408 x 280	M10
3UI 240/83	F	12,0	72 / 168	526	208	400	472 x 320	M12
3UI 240/100	F	14,0	73 / 184	526	225	400	472 x 320	M12
3UI 240/110	F	15,5	80 / 200	526	235	400	472 x 320	M12
3UI 240/140	F	17,0	87 / 230	526	265	400	472 x 320	M12

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

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Table: BREMER 3734-en-dt_3UI-LB_UK_c.xls

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Sketch: 3UI-LB-UKK-UKV-ab-TB210331.dwg