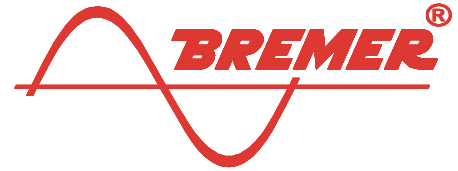


# Transformers 3-phase



3-phase power transformers 7,3 bis 22kVA, grain-oriented core laminations;  
vertical; The "big ones" in insulation class F for highest output powers;  
terminal block on bracket, eyebolts, vertical mounting position.

**BREMER 3514-en**

Design:	Vertical, "long" brackets	Ambient temperature:	ta = 50°C (ta = 50/F)
Type series:	Power transformers "3UI"	Temperature rise:	ΔT = ca. 60...70K (50/F)
Terminals:	Terminal block on mounting bracket	Core material:	Grain-oriented material

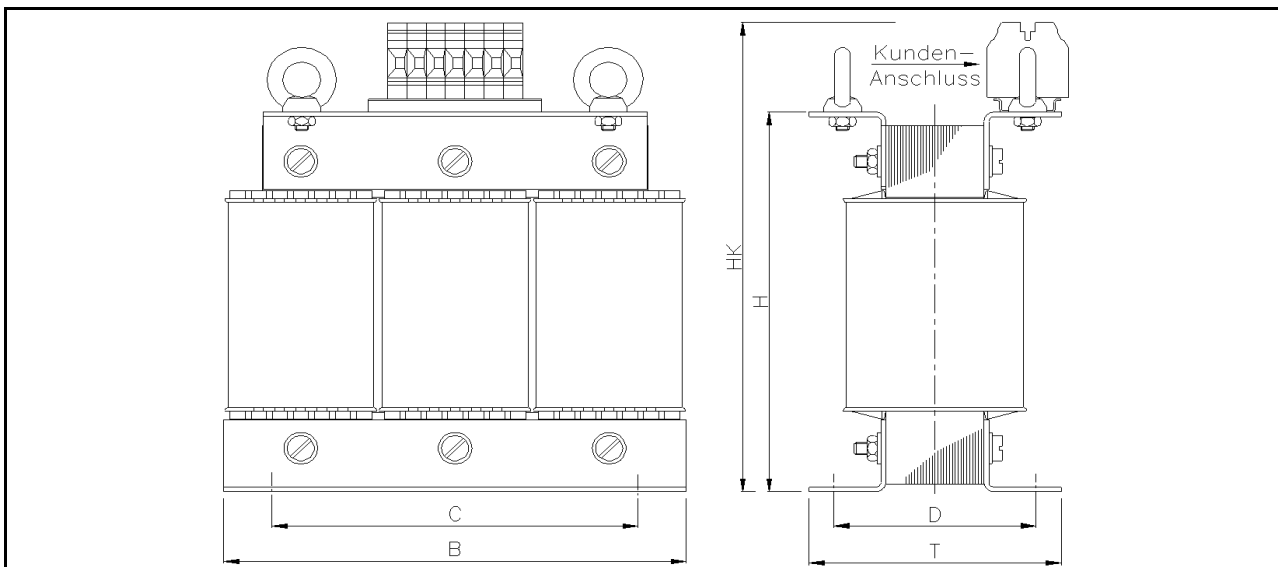
Core-Type	Insul.cl.	Power approx. VA	Weights copper / total kg	Dimensions with terminals				Mounting dimensions	
				Width B mm	Depth T mm	Height H mm	Height HK mm	C x D mm	For screw
3UI 180/63	F	7,3	29 / 66	360	165	305	375 (UK16)	310 x 125	M 10
3UI 180/78	F	8,0	34 / 78	360	180	305	375 (UK16)	310 x 140	M 10
3UI 180/93	F	9,0	39 / 90	360	195	305	375 (UK16)	310 x 155	M 10
3UI 210/53	F	9,0	43 / 89	420	175	360	440 (UK35)	370 x 131	M 10
3UI 210/63	F	10,5	44 / 95	420	185	360	440 (UK35)	370 x 141	M 10
3UI 210/73	F	12,0	47 / 107	420	195	360	440 (UK35)	370 x 151	M 10
3UI 210/88	F	13,5	50 / 121	420	210	360	440 (UK35)	370 x 166	M 10
3UI 210/103	F	14,5	56 / 136	420 (440KK)	225	360	440 (UK35)	370 x 181	M 10
3UI 210/133	F	16,5	61 / 165	420 (440KK)	255	360	440 (UK35)	370 x 211	M 10
3UI 240/83	F	16,5	72 / 168	480	225	405	490 (UK35)	430 x 183	M 12
3UI 240/100	F	19,5	73 / 184	480 (500KK)	240	405	490 (UK35)	430 x 200	M 12
3UI 240/110	F	20,5	80 / 200	480 (500KK)	250	405	490 (UK35)	430 x 210	M 12
3UI 240/140	F	22,0	87 / 230	480 (500KK)	280	405	490 (UK35)	430 x 240	M 12

(...KK) = dimensions if cooling ducts are installed

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 3514-en-dt\_3UI-SL\_UKK\_b.xls

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Sketch: 3UI-SL-UKK-ac-fuer180-240\_TB210330.dwg