

Transformers 3-phase



3-phase transformers 230VA bis 7,2kVA, vertical with terminal block on head bracket; Easy-to-assemble long foot brackets; all types with loss-reduced laminated core; from 3UI120/75 also in insulation class F.

BREMER 3512-en

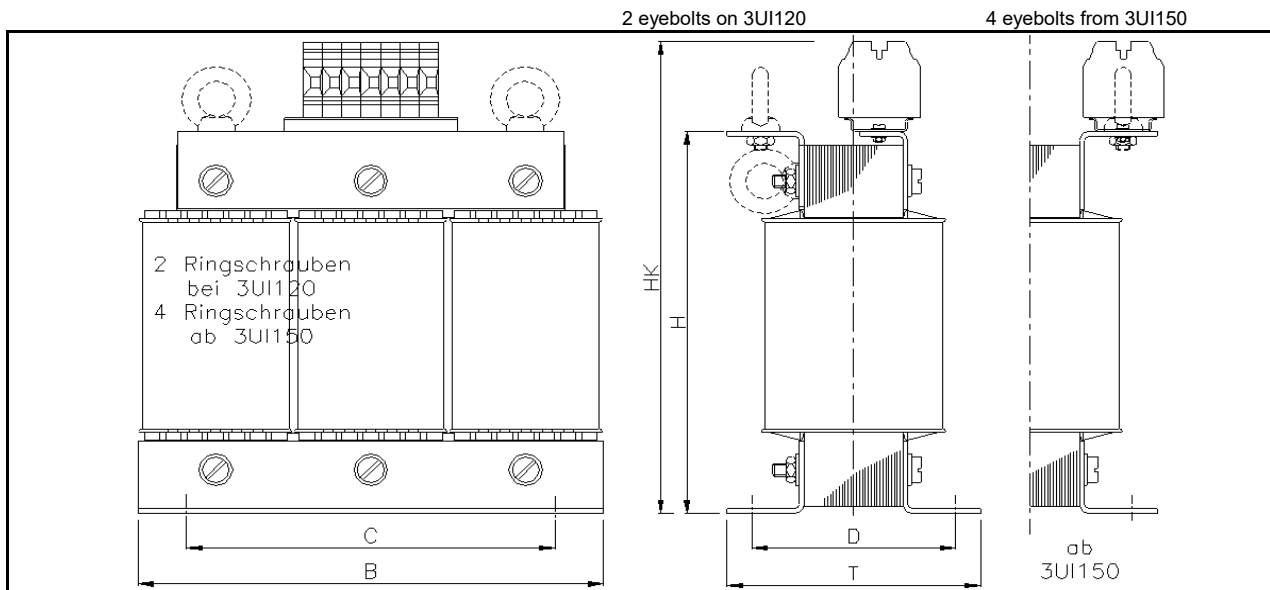
Design:	Vertical, "long" brackets	Ambient temperature:	ta = 50°C (50/B o. 50/F)
Type series:	"3UI" core series	Temperature rise:	ΔT = ca. 40-50K o. 60-70K
Terminals:	Terminal block on mounting bracket	Core material:	Loss reduced cores

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 75/26,5	B	230	1,5 / 4,5	155	80	130	195 (UK4/6)	130 x 56,5	M 6
3UI 75/41,5	B	300	1,8 / 6,0	155	95	130	195 (UK4/6)	130 x 71,5	M 6
3UI 90/31,5	B	400	2,4 / 7,0	190	85	155	220 (UK10)	170 x 57,5	M 6
3UI 90/41,5	B	500	2,7 / 9,0	190	95	155	220 (UK10)	170 x 67,5	M 6
3UI 90/51,5	B	550	3,0 / 10,5	190	105	155	220 (UK10)	170 x 77,5	M 6
3UI 102/36	B	650	4,2 / 11,0	210	100	175	240 (UK10)	175 x 76	M 6
3UI 102/46,5	B	750	4,7 / 13,5	210	110	175	240 (UK10)	175 x 86,5	M 6
3UI 102/57	B	900	5,1 / 16,0	210	120	175	240 (UK10)	175 x 97	M 6
kVA									
3UI 120/41	B	1,1	7,2 / 18	240	125	205	270 (UK10)	190 x 95	M 10
3UI 120/51	B	1,2	7,8 / 21	240	135	205	270 (UK10)	190 x 105	M 10
3UI 120/61	B	1,3	8,4 / 24	240	145	205	270 (UK10)	190 x 115	M 10
3UI 120/75	B/F	1,5 / 2,1	9,3 / 30	240	160	205	270 (UK10)	190 x 129	M 10
3UI 150/36	F	2,0	10,5 / 27	300	140	260	330 (UK16)	240 x 104,5	M 10
3UI 150/52	F	2,8	12,5 / 34	300	155	260	330 (UK16)	240 x 120,5	M 10
3UI 150/65	F	3,8	14,0 / 40	300	170	260	330 (UK16)	240 x 133,5	M 10
3UI 150/77	F	4,0	15,5 / 46	300	180	260	330 (UK16)	240 x 145,5	M 10
3UI 150/92	F	4,6	17,0 / 55	300	195	260	330 (UK16)	240 x 160	M 10
3UI 180/63	F	5,5	29,0 / 66	360	165	305	375 (UK16)	310 x 125	M 10
3UI 180/78	F	6,5	34,0 / 78	360	180	305	375 (UK16)	310 x 140	M 10
3UI 180/93	F	7,2	39,0 / 90	360	195	305	375 (UK16)	310 x 155	M 10

Higher output powers with grain oriented core material are available. See BREMER 3414, 3514, 3714;

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 3512-en-dt_3UI-SL_UKK_c.xls

Sketch: 3UI-SL-UKK-ab-TB210330.dwg

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