Heatsink

For stud devices

C 3

Features
- Intended for stud mounted devices
- Available in various lengths
- Several devices can be mounted on a single heatsink

Standard lengths	n	b / d Ø	R_{thha} (P = 20W) natural cooling	R_{thha} (V_{air} = 5 m/s) forced air cooling	w
		mm	K/W	K/W	kg
C 3/120	1		2,2	0,43	0,4

Dimensions in mm

C 3 general profile dimensions (w = 3,3 kg/m)

Fig.2 Thermal resistance per component vs.length, natural cooling

K/W

P =
5
20
W

R_{thha}

7,5

5

2,5

0

0   l   50   100   150   mm

Fig.6 Total thermal resistance vs.length, forced air cooling

C 3

V_{air} = 5 m/s

K/W

R_{thha}

1

0,8

0,6

0,4

0,2

0

60   l   80   100   120   140   160   mm

Dimensions in mm
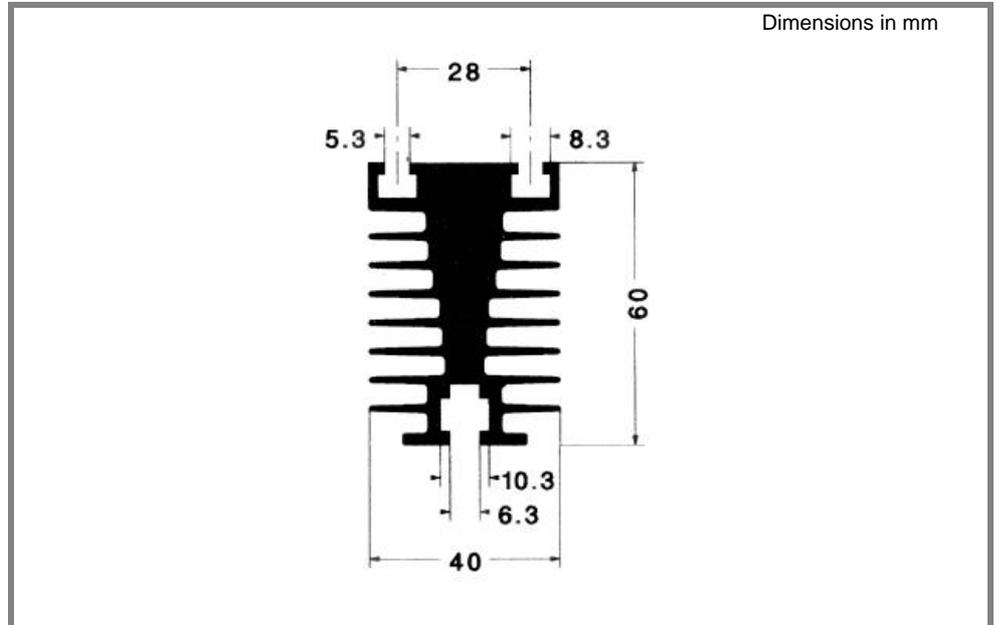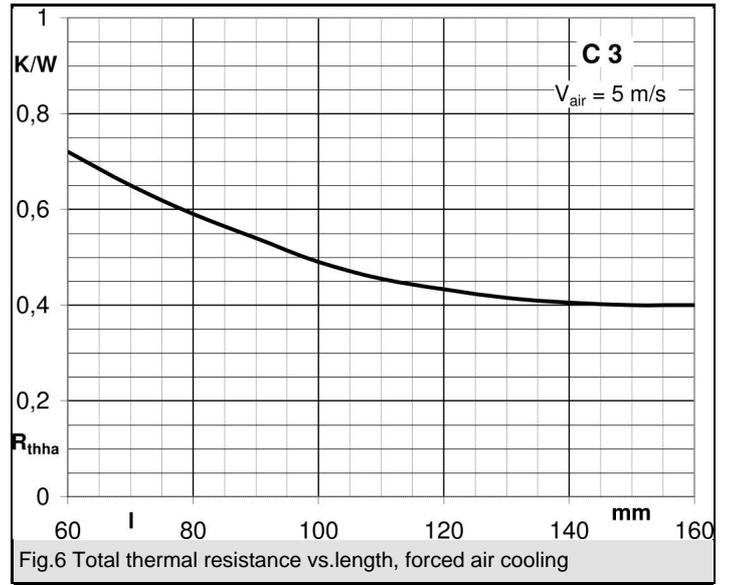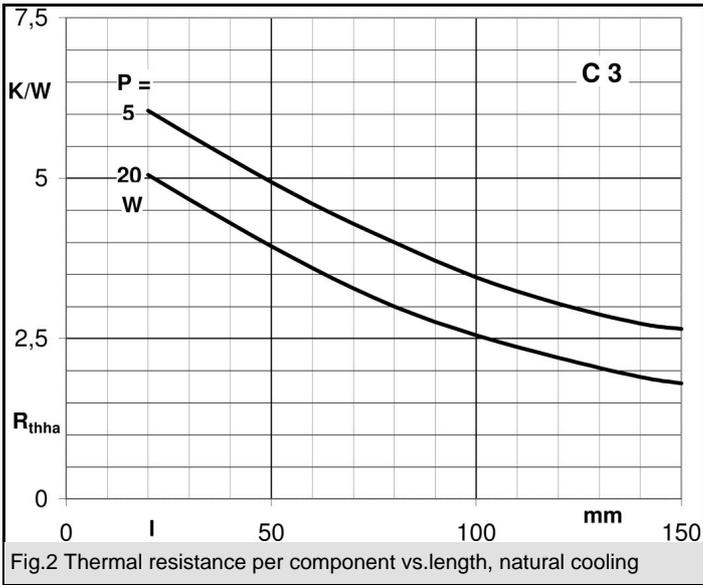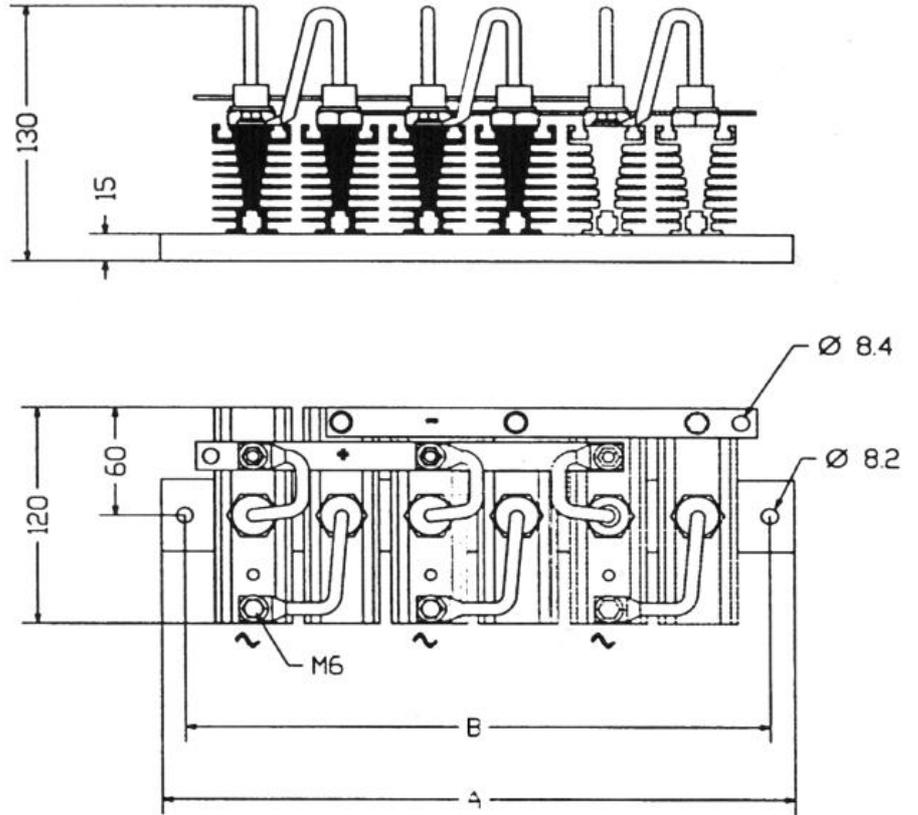
C3/120

	B2 4 × C3/120	B6 6 × C3/120
A	234	326
B	210	302

1.Application example using 4x or 6x heatsink C 3/120 to give a single or three phase bridge rectifier

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