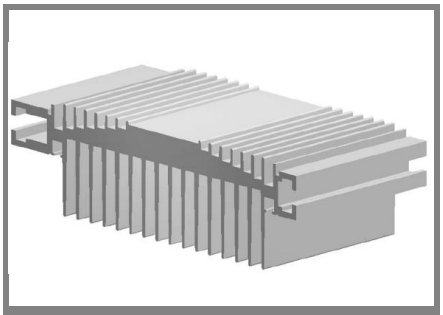
P 18



Heatsink

Standard lengths	n	b / d Ø mm	R_{thca} natural cooling K/W	R_{thha} (Fan: SKF N4-230-01) K/W	w kg
2x P 18/130		19 ± 1	0,368 (120W)		3,13
		25 ± 2	0,366 (120W)		
W3C2 stack		19 ± 1		0,12	45
(with P 18/130)		25 ± 2		0,108	
See fig. Appl.1		33 ± 2		0,098	
		47 ± 2		0,092	
STACK 1800		33 ± 2		0,088	75
(with P 18/180) See fig. Appl.2		47 ± 2		0,0785	

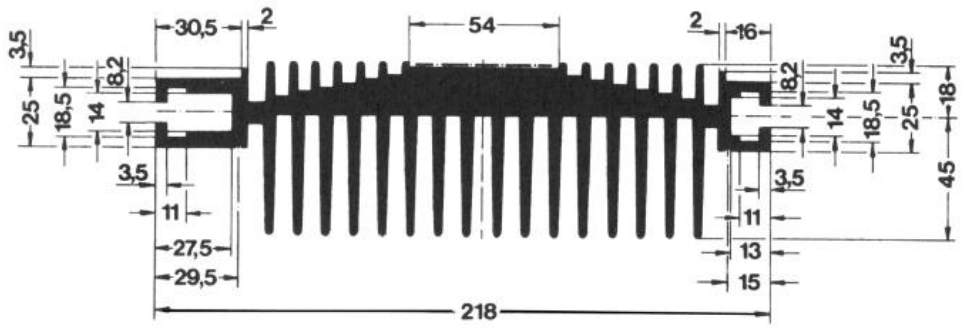
For capsule devices

P 18

Features

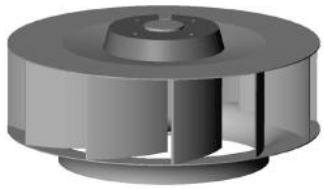
- Intended for double-sided cooling of capsule devices with diameters upto 48mm
- Designed for forced air cooling
- Available as pre-assembled modules containing one or two capsules mounted in a plastic frame
- Available in various lengths

Dimensions in mm

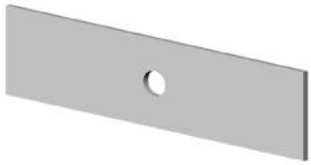


P 18 general profile dimensions (w = 12,2 kg/m)

Dimensions in mm



Fans SKF N4-230-01



Isolating ducting for P18

Bimetallic Thermal Trips

Insulating sleeve for bolts
For double side cooled capsules

(Please contact SEMIKRON for details on the above accessories)

P 18 standard accessories

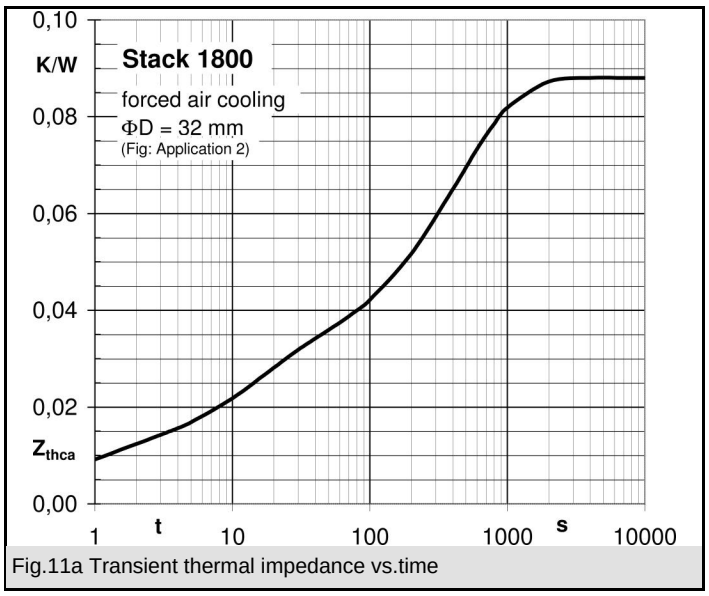


Fig.11a Transient thermal impedance vs.time

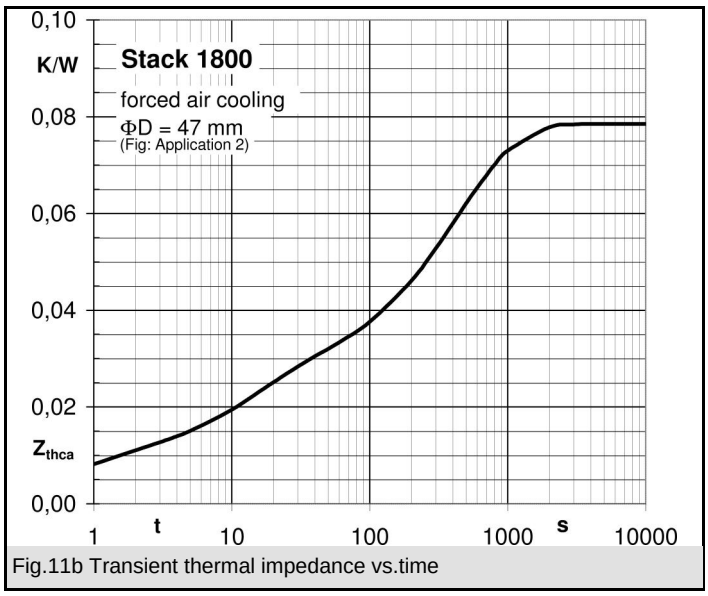
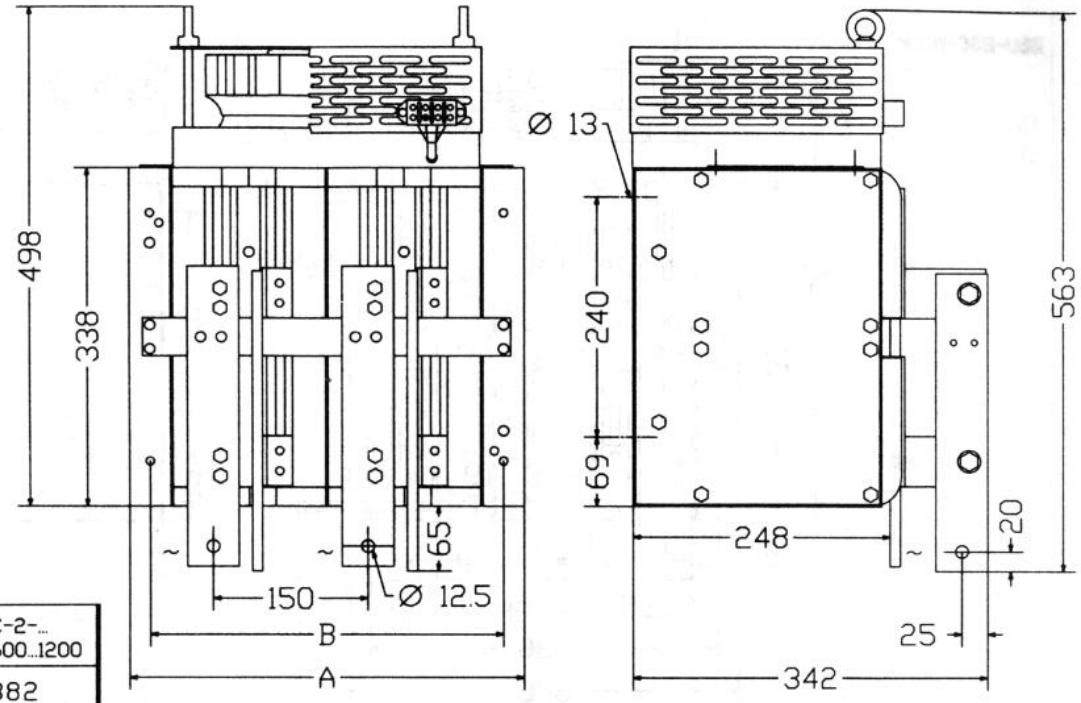


Fig.11b Transient thermal impedance vs.time

Dimensions in mm

P18/130F

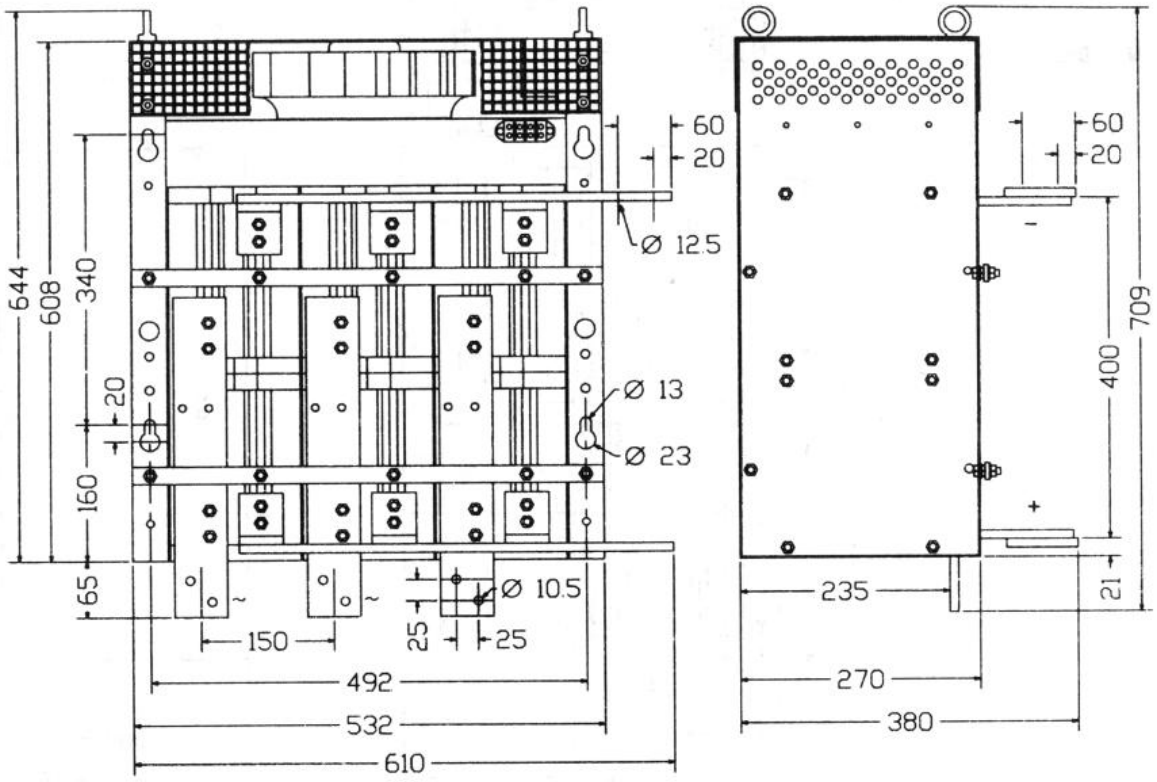


	W3C-2-... SKT 491...551	W3C-2-... SKT 600...1200
A	358	382
B	318	342

1.Application example using heatsink P 18/130F to give a three phase AC controller (W3C2)

Dimensions in mm

P18/180F



2.Application example using heatsink P 18/180 with capsules to give a three phase bridge rectifier (Stack 1800)

