

## Heatsink

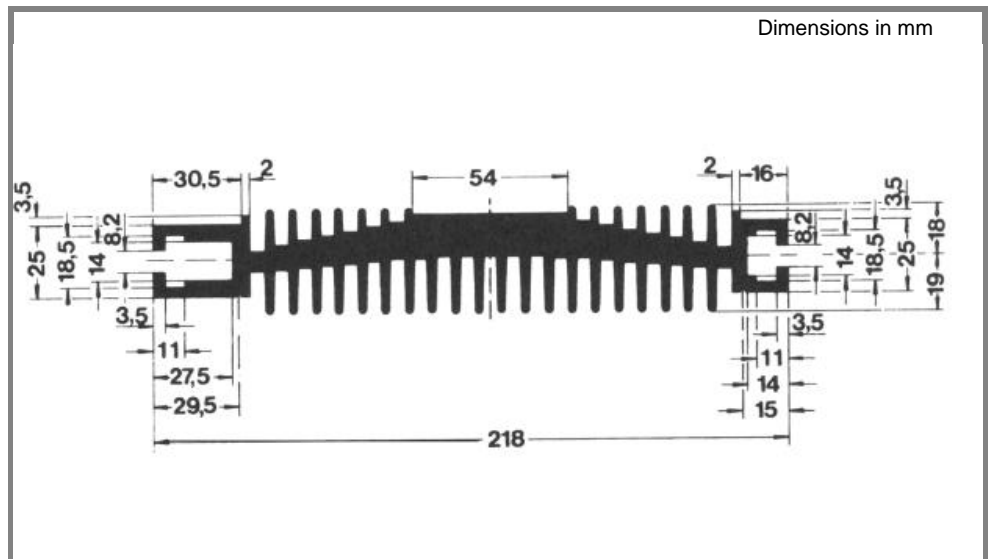
Standard lengths	n	b / d Ø	R <sub>thha</sub>	R <sub>thca</sub> (V <sub>air</sub> /t)	w
		mm	natural cooling K/W	forced air cooling K/W	kg
2x P 17/130		19 ± 1	0,49 (120W)	0,122 (300 m <sup>3</sup> /h)	3
		25 ± 2	0,48 (120W)	0,1 (300 m <sup>3</sup> /h)	
		33 ± 2	0,47 (120W)	0,085 (300 m <sup>3</sup> /h)	
P 17/130 + 2x P 17/60		19 ± 1		0,175 (300 m <sup>3</sup> /h)	2,9
		25 ± 2		0,14 (300 m <sup>3</sup> /h)	
STACK 1000 (with P 17/130)		25 ± 2		0,135	38
		33 ± 2		0,122	
See Fig. Appl.2		47 ± 2		0,115	

## For capsule devices

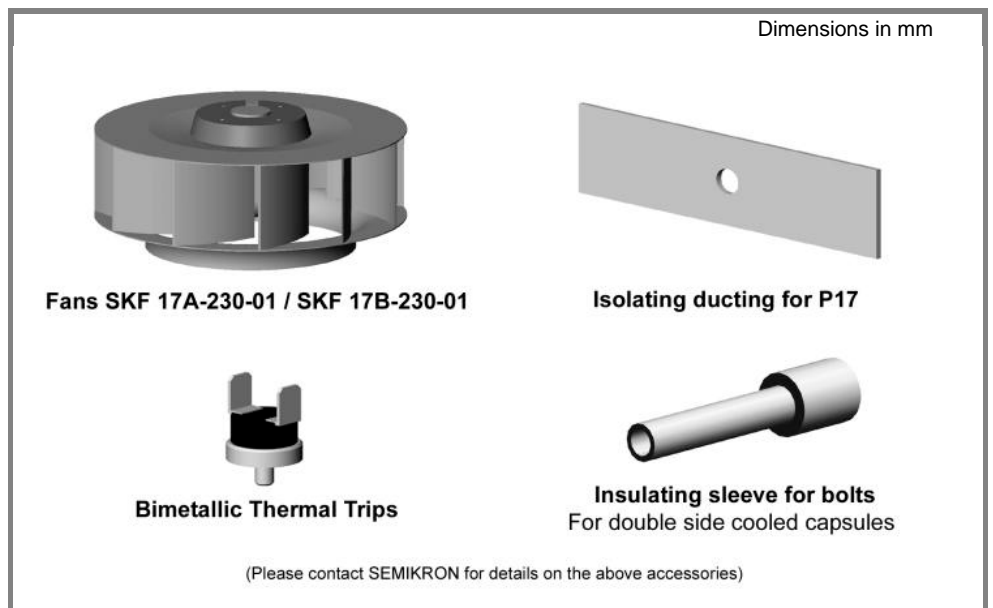
### P 17

#### 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 in a plastic frame
- Available in various lengths



P 17 general profile dimensions (w = 10,6 kg/m)



P 17 standard accessories

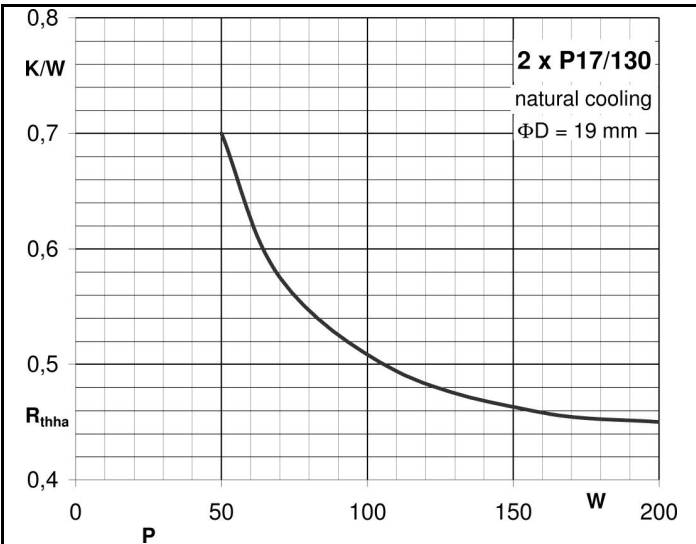


Fig.1 Thermal resistance vs. dissipated power

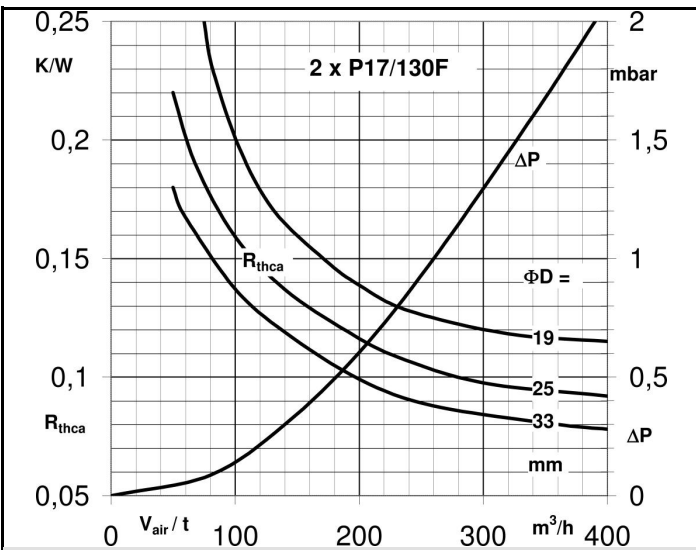


Fig.5a Thermal resistance and pressure drop vs. air flow

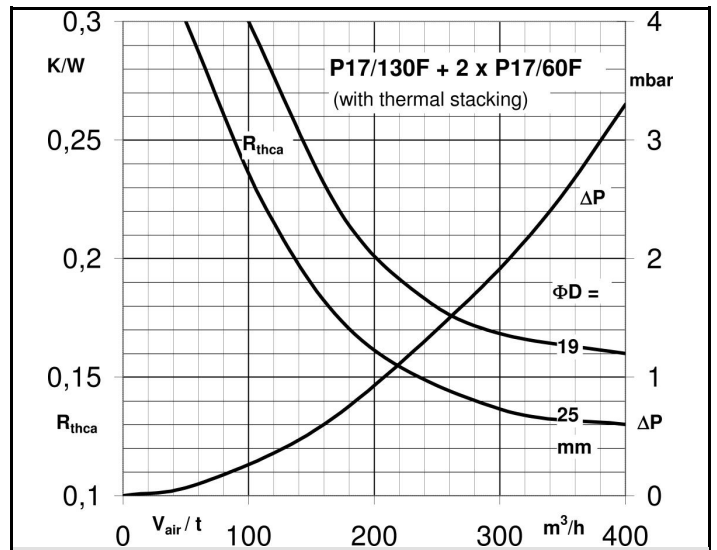


Fig.5b Thermal resistance and pressure drop vs. air flow

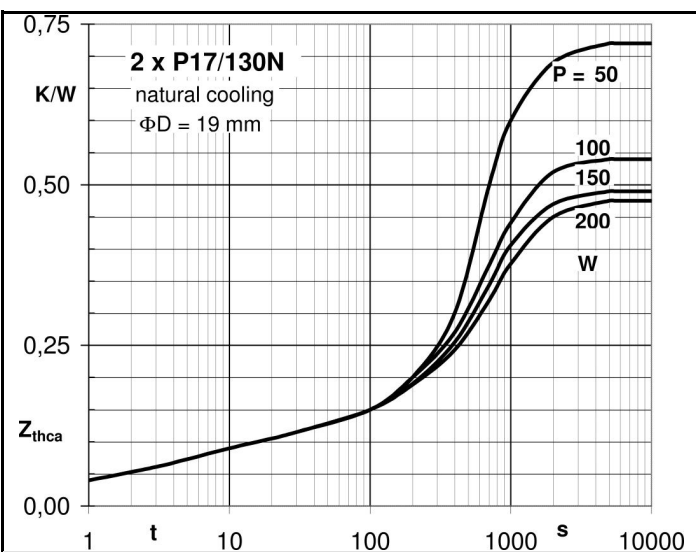


Fig.9a Transient thermal impedance vs.time

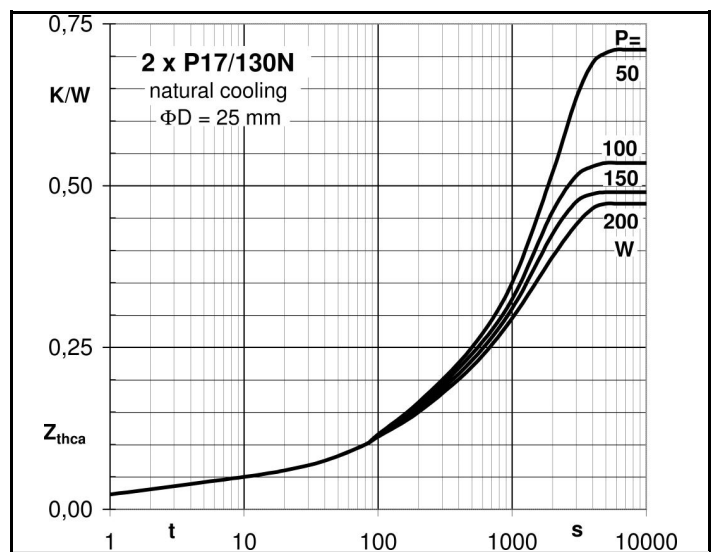
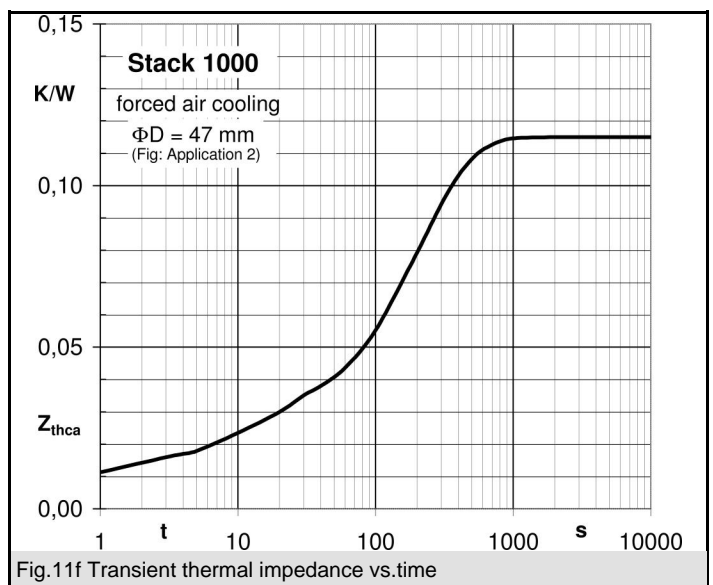
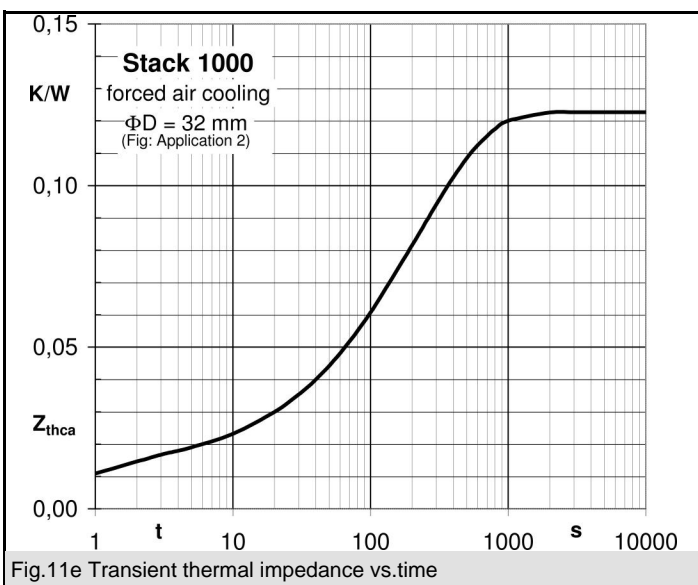
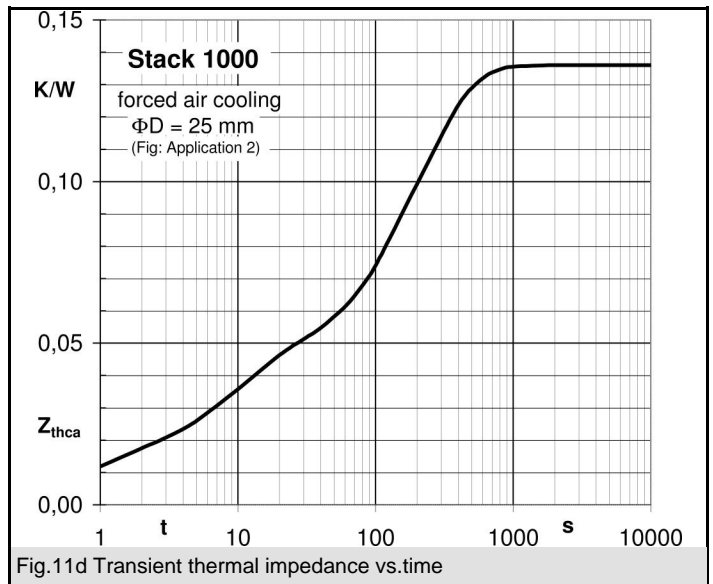
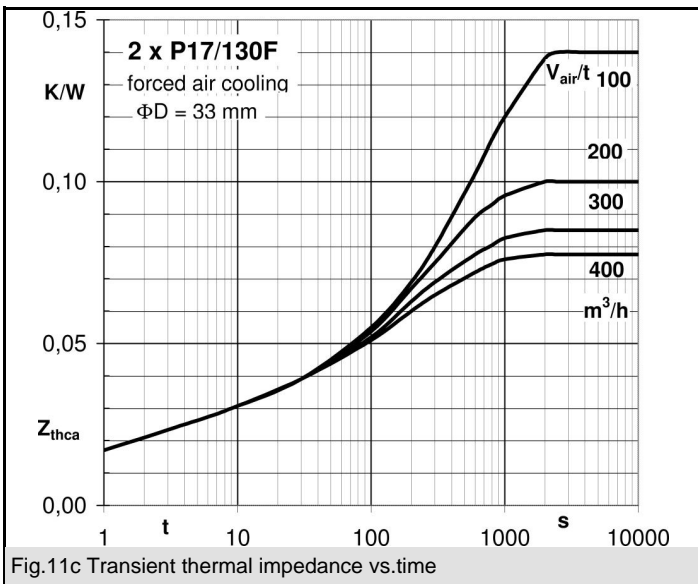
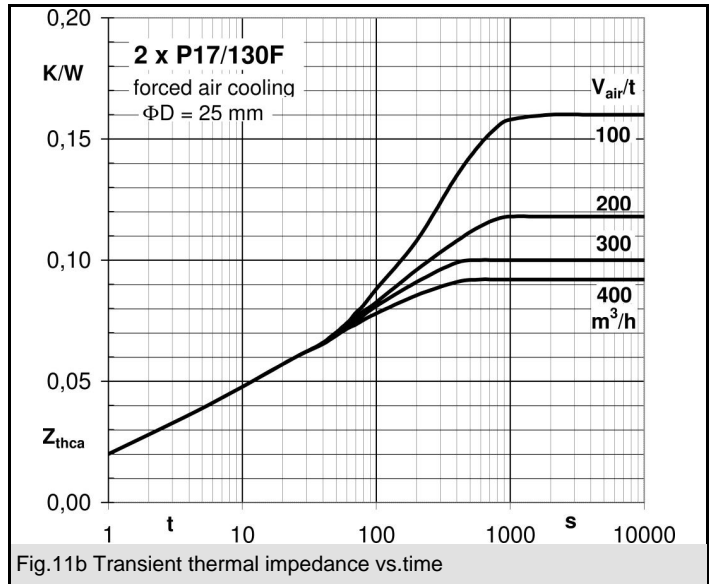
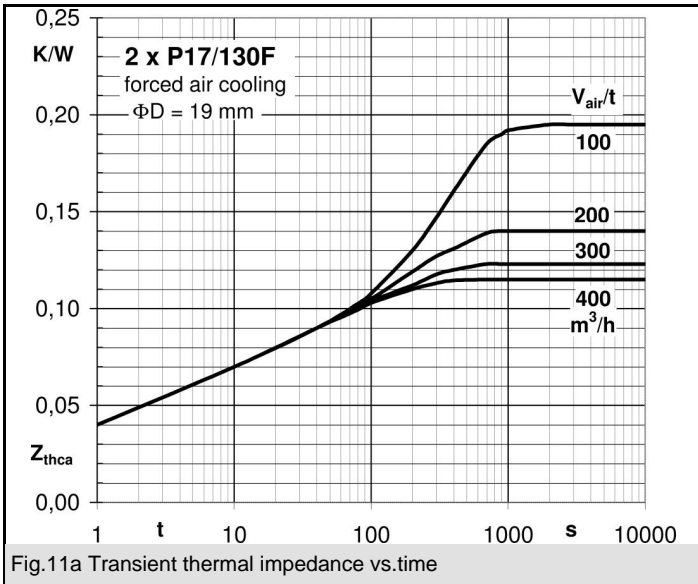
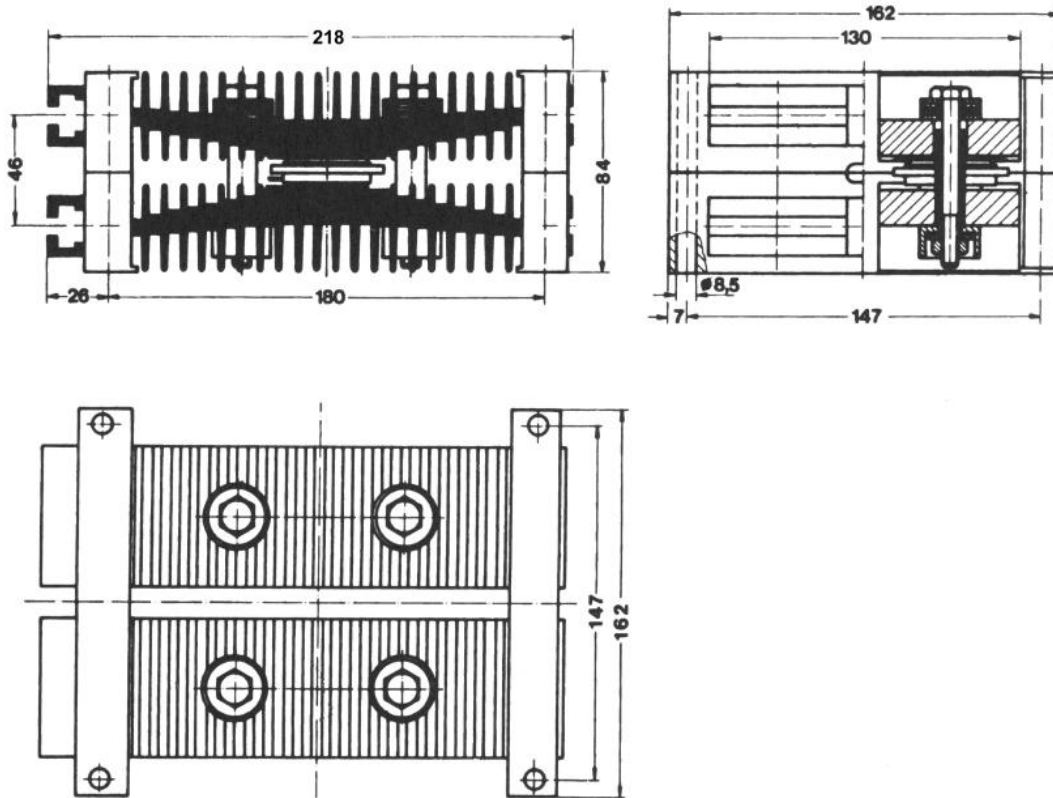


Fig.9b Transient thermal impedance vs.time

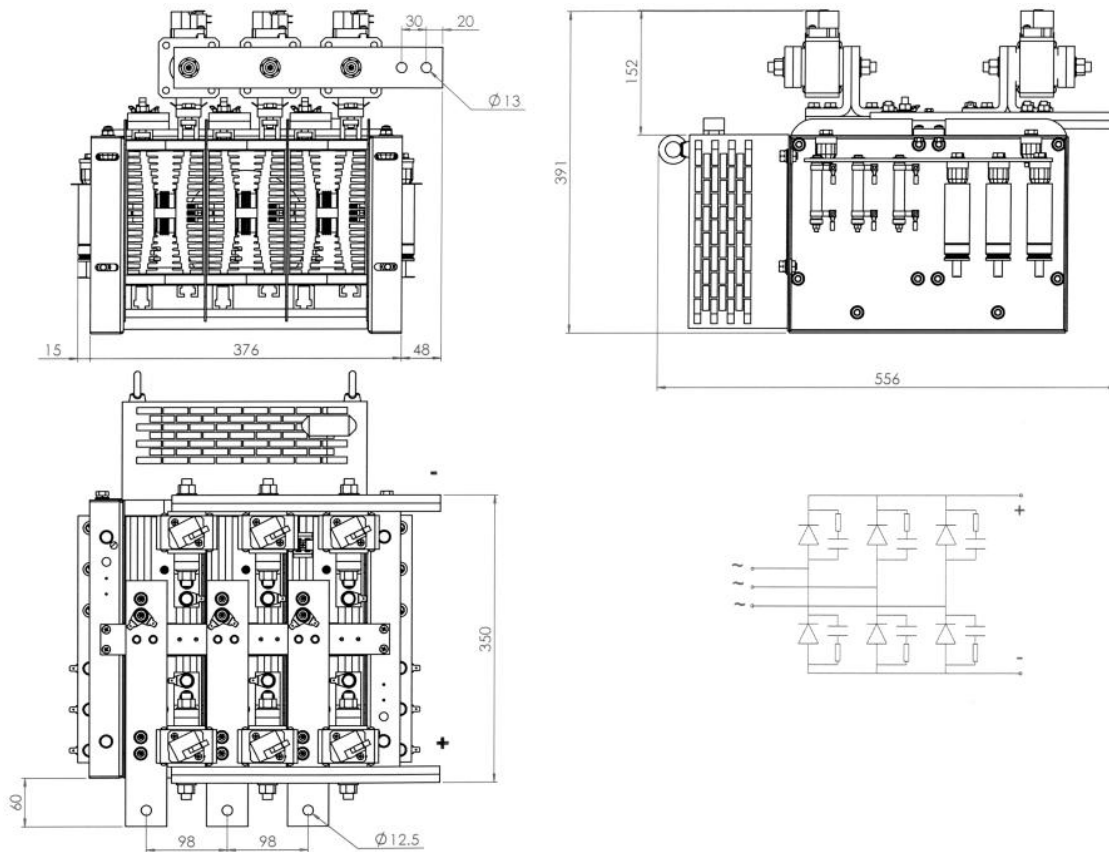


Dimensions in mm



1. Setup example of heatsink P 17/130 + 2x P 17/60 with 2 capsules

Dimensions in mm



2. Application example using P17/130 and capsule devices to give a three phase bridge rectifier (Stack 1000)