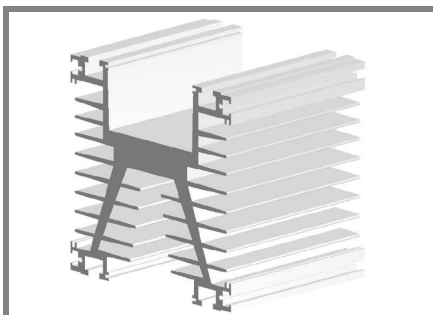




Heatsink

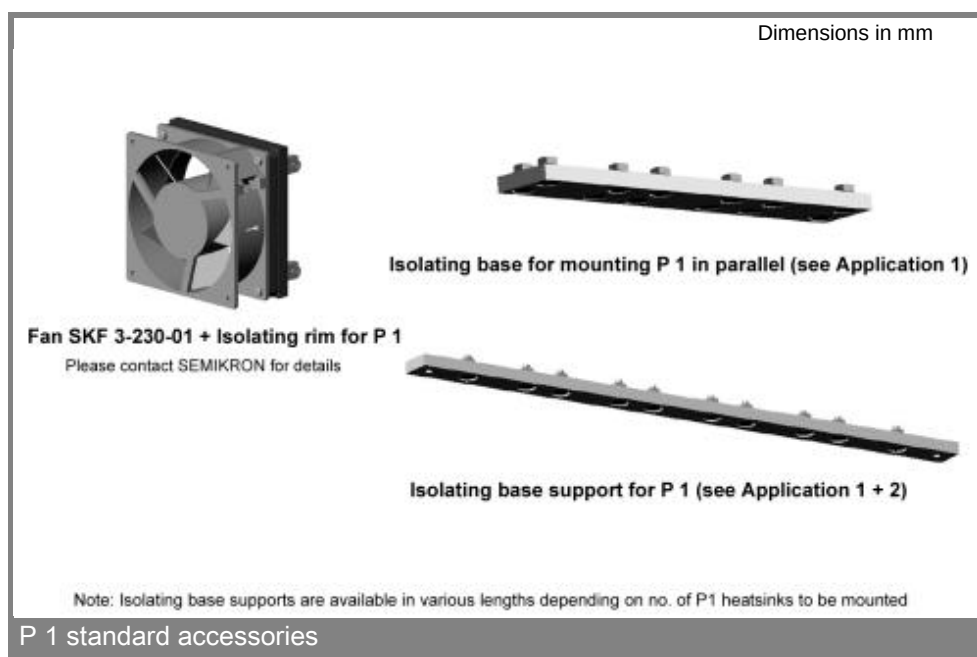
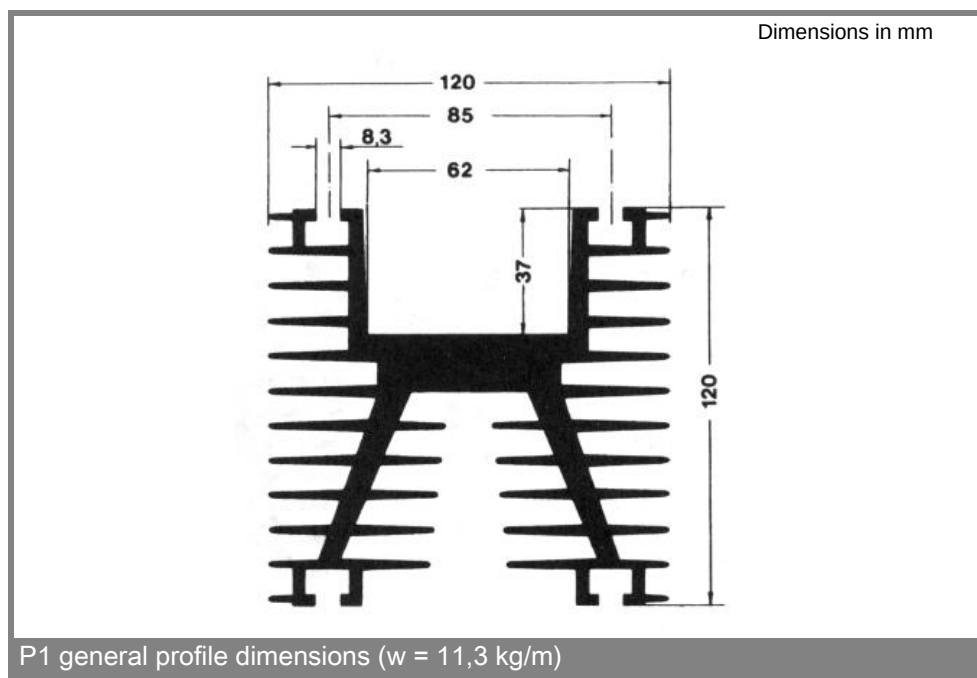
Standard lengths	n	b / d Ø mm	R _{thha} natural cooling K/W	R _{thha} (with fan SKF3) forced air cooling K/W	w kg
P 1/75-M12			0,825 (50 W)	0,33	0,82
P 1/120-M12			0,565 (120W)	0,28	1,3
P1/200-M24x1,5			0,40 (200W)	0,15	2,2
P 1/120-49mm		SEM. 1	0,70 (70W)	0,25	1,3
P 1/120-49mm		SEM. 2	0,60 (100W)	0,2	1,3
P 1/200-49mm		SEM. 2	0,47 (130W)	0,17	2,2

For studs and bridge rectifiers

P 1

Features

- Intended for discrete components and bridge rectifiers
- Available in various lengths
- Several devices can be mounted on a single heatsink



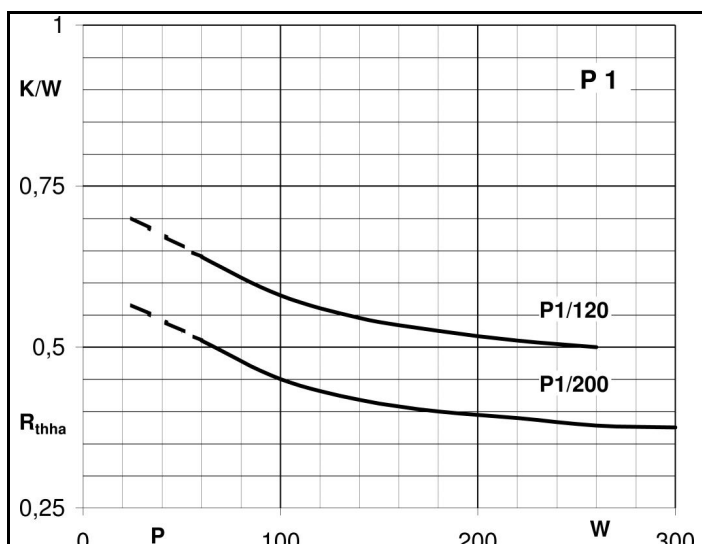


Fig.1 Thermal resistance vs. dissipated power, natural cooling

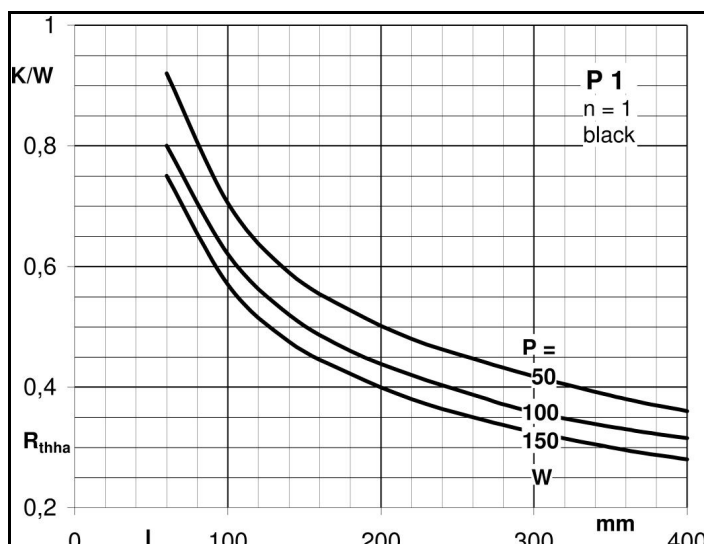


Fig.2a Thermal resistance per component vs. length, natural cooling

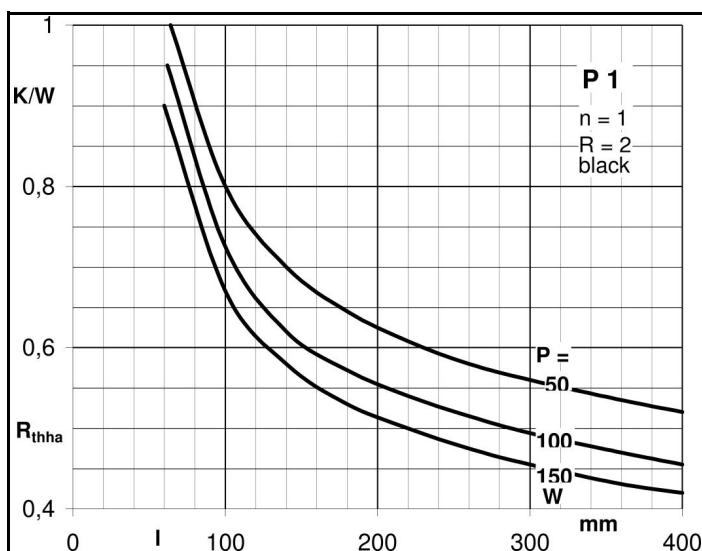


Fig.2b Thermal resistance per component vs. length, natural cooling

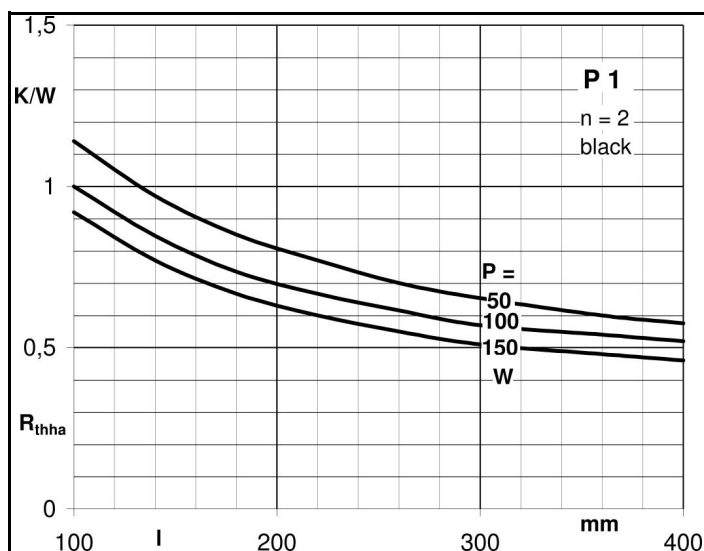


Fig.2c Thermal resistance per component vs. length, natural cooling

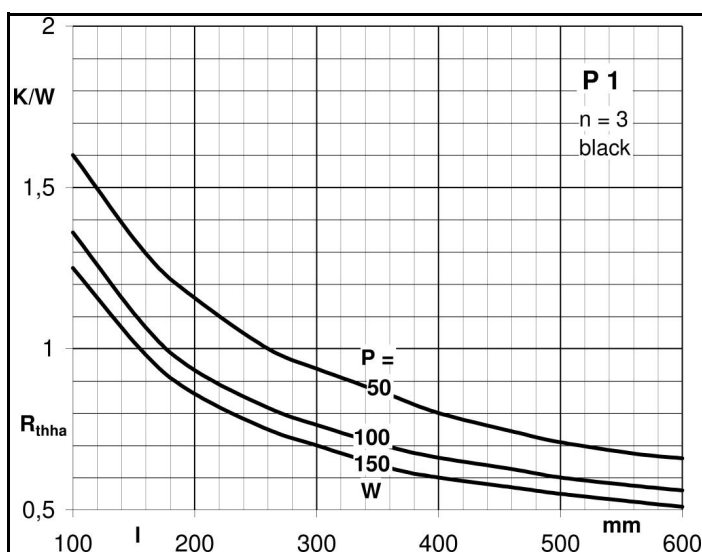


Fig.2d Thermal resistance per component vs. length, natural cooling

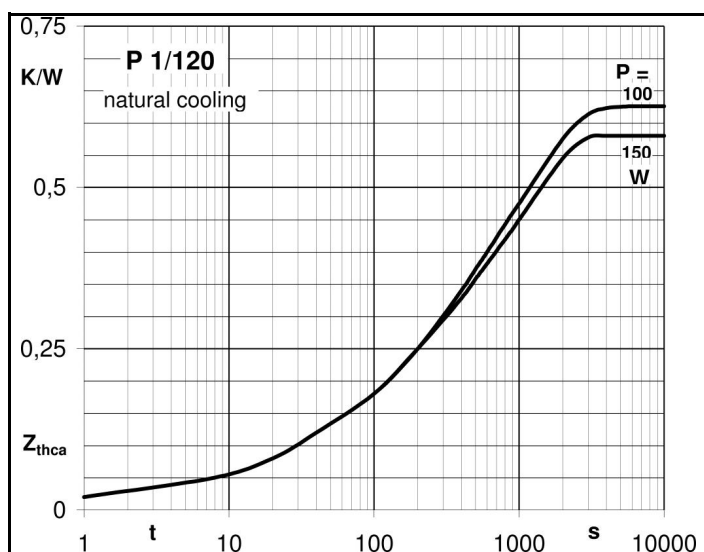
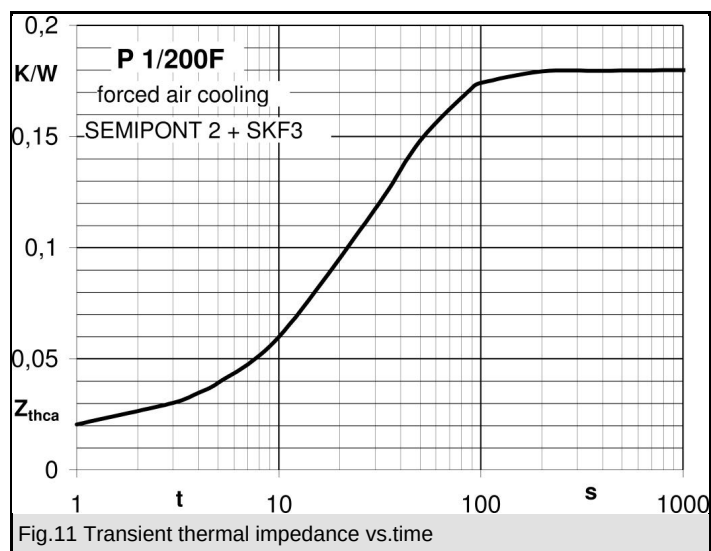
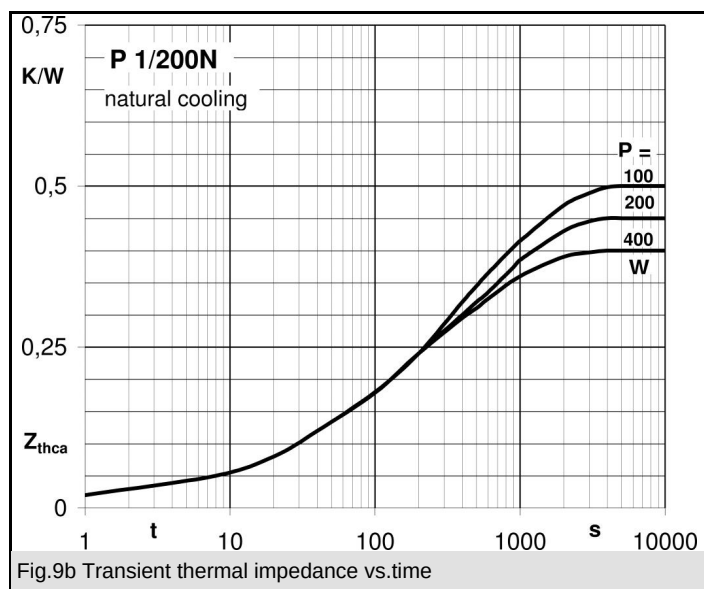


Fig.9a Transient thermal impedance vs. time

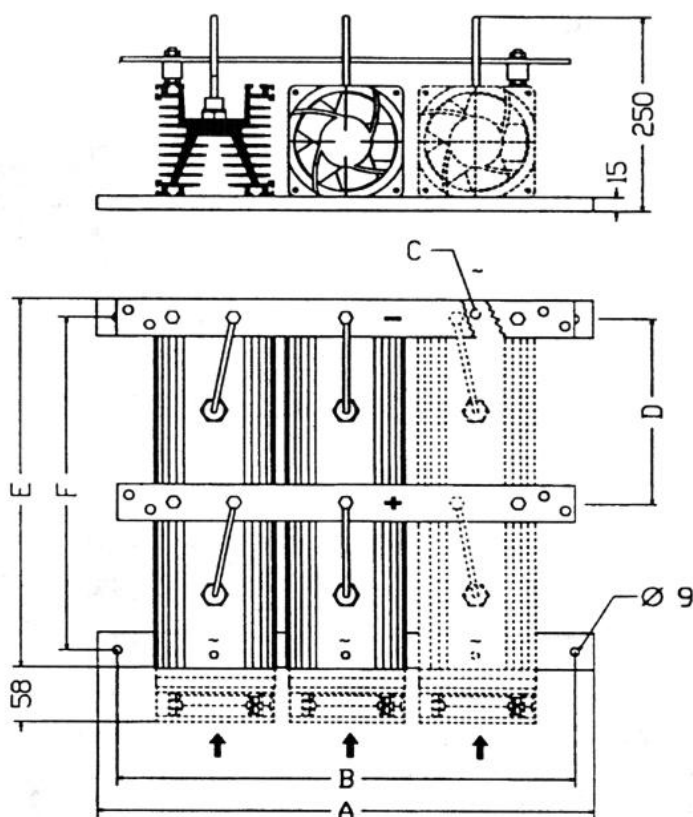


Dimensions in mm

P1/150
P1/200
P1/400

	B2 2xP1/150	B2 2xP1/200	B2 2xP1/400
A	375	375	375
B	335	335	335
C	M8	M8	M12
D	65	90	200
E	150	200	400
F	110	160	360

	B6 3xP1/150	B6 3xP1/200	B6 3xP1/400
A	510	510	510
B	470	470	470
C	M8	M8	M12
D	65	90	200
E	150	200	400
F	110	160	360

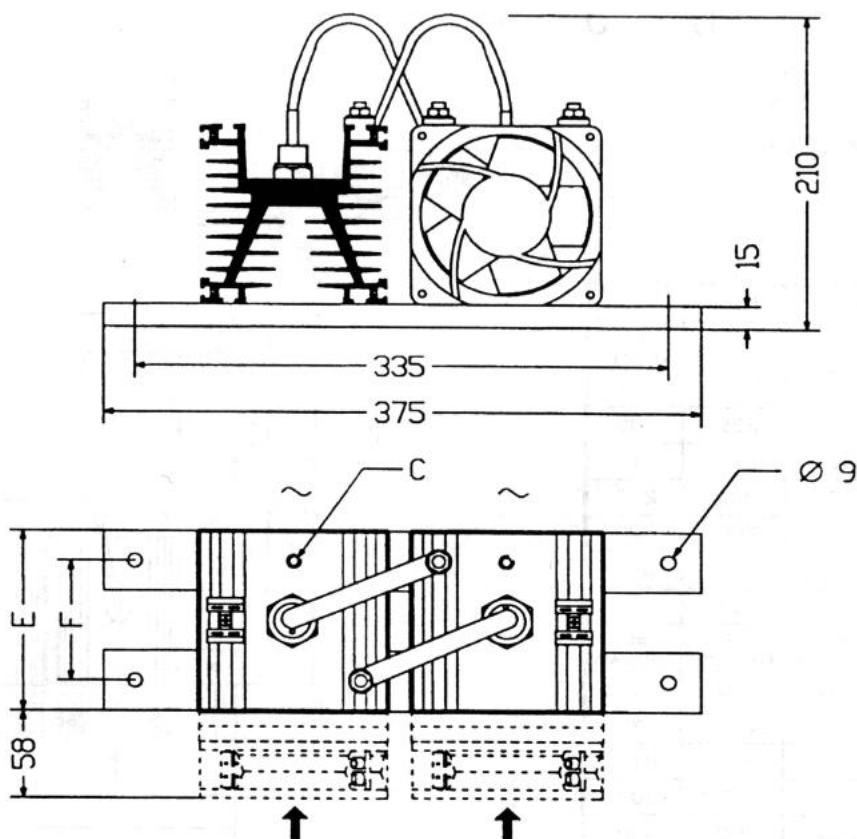


1.Application example using heatsink P1 to give single or three phase bridge rectifiers

Dimensions in mm

P1/120
P1/150
P1/200

	V1C 2xP1/120	V1C 2xP1/150	V1C 2xP1/200
C	M8	M10	M10
E	120	150	200
F	80	110	160



2.Application example using heatsink P1 to give a single phase AC controller