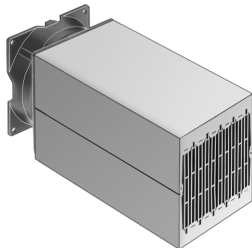
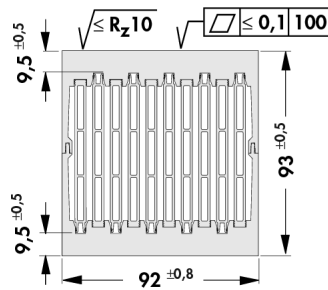
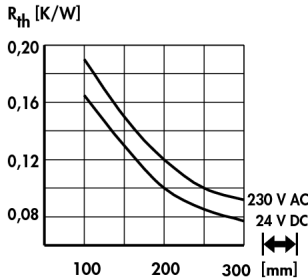


Hollow-fin cooling aggregates

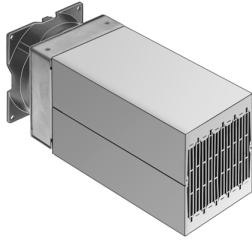
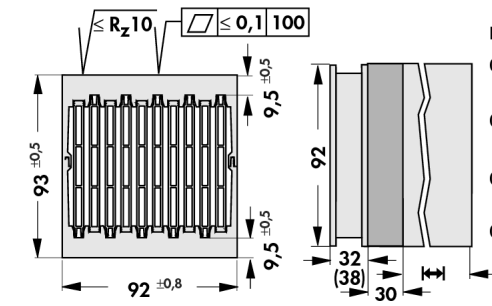
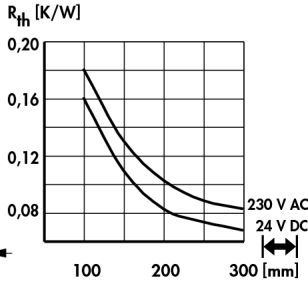
- extremely low losses due to optimised hollow fin geometry
- effective heat dissipation
- compact construction with axial fans
- two opposite mounting surfaces are milled flat

without air flow chamber

| | | | |
|-------------------------|---|---|---|
| art. no. |  |  |  |
| LA 21 ... | | | |
| please indicate: | ... $\left[\right]$ | | |
| | 100 150 200 250 300 400 mm | | ... fan type 24 =24 V DC 230=230 V AC |

specification of the fan motors and additional treatment upon customer's request

with air flow chamber

| | | | |
|-------------------------|--|---|--|
| art. no. |  |  |  |
| LA V 21 ... | | | |
| please indicate: | ... $\left[\right]$ | | |
| | 100 150 200 250 300 400 mm | | ... fan type 24 =24 V DC 230=230 V AC |

specification of the fan motors and additional treatment upon customer's request

Technical data of the fans

| | ... 24 | ... 230 |
|--------------------------|------------------------------------|------------------------------------|
| type | Papst, ball bearing | Papst, ball bearing |
| dimensions | 92 x 92 x 32 mm | 92 x 92 x 38 mm |
| voltage | 24 V DC | 230 V AC |
| power input | 2.4 W | 12 W |
| max. air flow | 80 m ³ /h | 75 m ³ /h |
| temperature range | -20 °C ... +75 °C | -40 °C ... +75 °C |
| noise level | 37 dB(A) | 37 dB(A) |
| rated speed | 3,000 min ⁻¹ | 2,700 min ⁻¹ |
| weight | 190 g | 420 g |
| failure rate | L ₁₀ > 70.000 h (40 °C) | L ₁₀ > 52.500 h (40 °C) |

Miniature cooling aggregates
Protection grid for axial fans
Heatsinks for Solid State Relay
High capacity heatsinks

→ D 9 - 10
→ D 30
→ A 12
→ A 54 - 55

Special heatsink design
Hole pattern
Standard aluminium profiles
Technical introduction

→ A 133 - 134
→ A 21
→ A 131 - 132
→ A 2 - 7

D 18

A

B

C

D

E

F

G

H

I

K

L

M

N