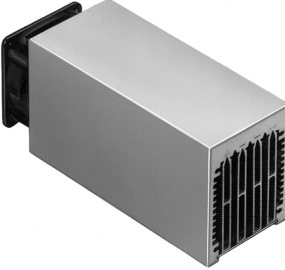
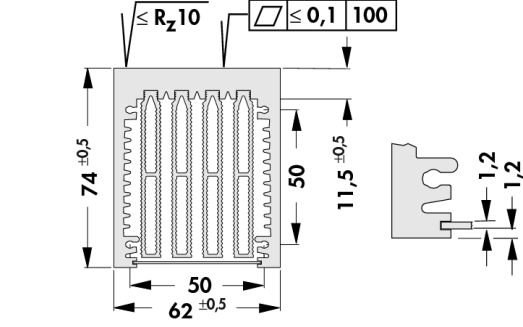
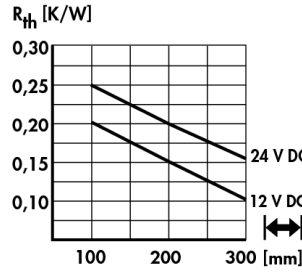
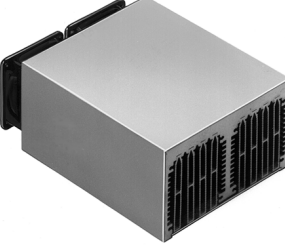
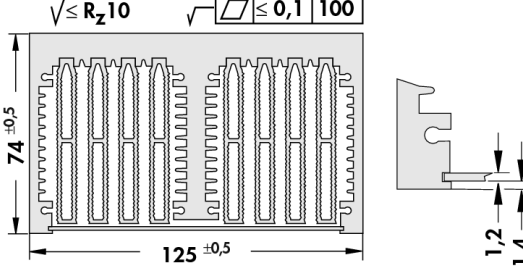
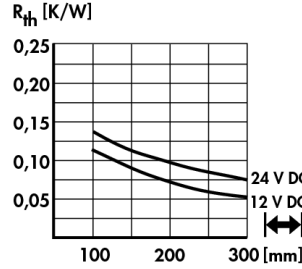
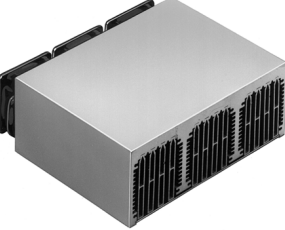
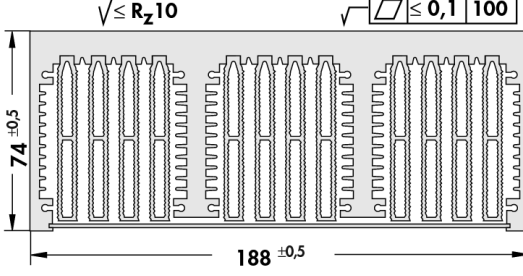
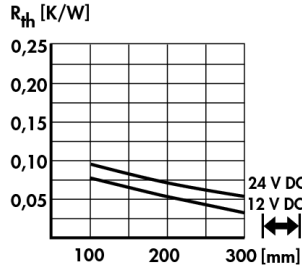


## Cooling aggregates with axial fan

### Hollow-fin cooling aggregates

- geometry of hollow fin optimising the air flow
- particularly effective heat dissipation
- compact construction
- semiconductor mounting surface for milled flat

<b>art. no.</b>       <b>LA 6 ...</b>			
<b>art. no.</b>       <b>LA 7 ...</b>			
<b>art. no.</b>       <b>LA 8 ...</b>			
<b>please indicate:</b> ... $\longleftrightarrow$ 100 150 200 250 300 mm		<b>... fan type</b> 12=12 V DC 24=24 V DC	

### Technical data of the fans

	... 12	... 24
<b>type</b>	Papst, ball bearing	Papst, ball bearing
<b>dimensions</b>	60 x 60 x 25 mm	60 x 60 x 25 mm
<b>voltage</b>	12 V DC	24 V DC
<b>power input</b>	2.9 W	3.4 W
<b>max. air flow</b>	56 m <sup>3</sup> /h	46 m <sup>3</sup> /h
<b>temperature range</b>	-20 °C ... +70 °C	-20 °C ... +65 °C
<b>noise level</b>	41 dB(A)	44 dB(A)
<b>rated speed</b>	6,800 min <sup>-1</sup>	6,400 min <sup>-1</sup>
<b>weight</b>	85 g	85 g
<b>failure rate</b>	L <sub>10</sub> > 60.000 h (40 °C)	L <sub>10</sub> > 70.000 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 12**

A

B

C

D

E

F

G

H

I

K

L

M

N