

## Data sheet Product LAM5D\_K\_

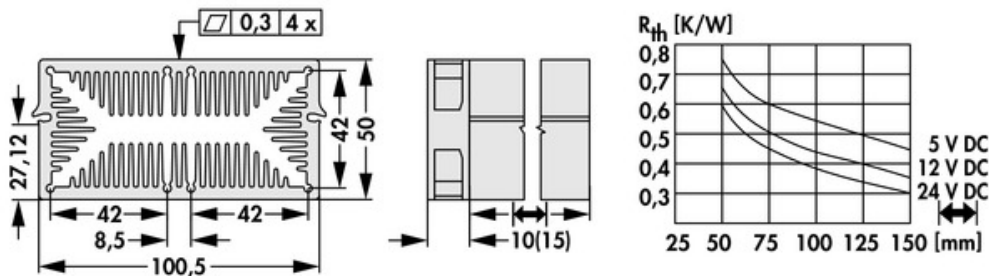
Cooling aggregates > Miniature cooling aggregates  
50 x 100.5 mm, with axial fan, integrated clamp

- compact design
- homogeneous heat distribution
- mounting possible on any side
- powerful axial-fan motor
- other lengths, special designs and machinings according to customer's specifications
- other surfaces, fan types and fan voltages upon request

### Features

width:	<b>100.5 mm</b>
height:	<b>50 mm</b>
length:	<b>50 mm / 75 mm / 100 mm / 125 mm / 150 mm</b>
thermal resistance:	<b>0.75 - 0.27 K/W</b>
operating voltage of the fan motor:	<ul style="list-style-type: none"> <li>• 5 V DC</li> <li>• 12 V DC</li> <li>• 24 V DC</li> </ul>
surface:	<b>natural colour anodised</b>

### Technical Drawing



**Fan****Kugelgelagert, 5 V DC**

type:	<b>Sepa, ball bearing</b>
dimensions:	<b>50x50x10 mm</b>
tension:	<b>5 V DC</b>
max. air volume:	<b>10 m<sup>3</sup>/h</b>
temperature range:	<b>-10°C... +70°C</b>
speed:	<b>3,400 min<sup>-1</sup></b>
noise level:	<b>17 dB(A)</b>
weight:	<b>19 g</b>
failure rate (L <sub>10</sub> ):	<b>L<sub>10</sub> &lt; 95,000 h (20°C) MTBF &lt; 280,000 h (20°C)</b>
alarm output:	<b>with</b>

**Kugelgelagert, 12 V DC**

type:	<b>Sepa, ball bearing</b>
dimensions:	<b>50x50x10 mm</b>
tension:	<b>12 V DC</b>
max. air volume:	<b>14.3 m<sup>3</sup>/h</b>
temperature range:	<b>-10°C... +70°C</b>
speed:	<b>4,800 min<sup>-1</sup></b>
noise level:	<b>22 dB(A)</b>
weight:	<b>19 g</b>
failure rate (L <sub>10</sub> ):	<b>L<sub>10</sub> &lt; 95,000 h (20°C) MTBF &lt; 280,000 h (20°C)</b>
alarm output:	<b>with</b>

**Kugelgelagert, 24 V DC**

type:	<b>ebmpapst</b>
dimensions:	<b>50x50x15 mm</b>
tension:	<b>24 V DC</b>
max. air volume:	<b>20 m<sup>3</sup>/h</b>
temperature range:	<b>-20°C... +70°C</b>
speed:	<b>5,000 min<sup>-1</sup></b>
noise level:	<b>30 dB(A)</b>

weight:

**27 g**failure rate (L<sub>10</sub>):**L<sub>10</sub> 50,000 h (20°C)****Fischer Elektronik GmbH & Co. KG**  
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