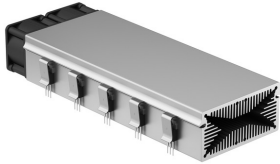


## Data sheet Product LAM 4 D K 50 12



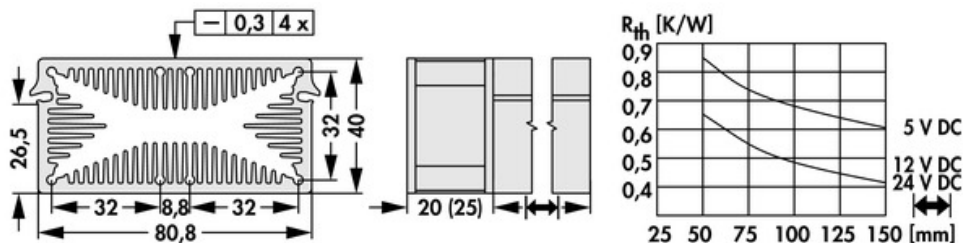
Cooling aggregates > Miniature cooling aggregates  
 40 x 80.8 mm, with axial fan, integrated clamp

- 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:	80.8 mm
height:	40 mm
length:	50 mm
thermal resistance:	1.15 - 0.65 K/W
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:	natural colour anodised

### Technical Drawing



## Fan

### ebmpapst 405, 5 V DC

type:	ebmpapst 405
dimensions:	40x40x20 mm
tension:	5 V DC
power inout:	0.9 W
max. air volume:	10 m <sup>3</sup> /h
temperature range:	-20°C... +70°C
speed:	6,000 min <sup>-1</sup>
noise level:	18 dB(A)
weight:	27 g
failure rate (L <sub>10</sub> ):	L <sub>10</sub> < 50,000 h (40°C) L <sub>10</sub> < 20,000 h (tmax)

### ebmpapst 412 JHH, 12 V DC

type:	ebmpapst 412 JHH
dimensions:	40x40x25 mm
tension:	12 V DC
power inout:	3.3 W
max. air volume:	24 m <sup>3</sup> /h
temperature range:	-20°C... +60°C
speed:	13,000 min <sup>-1</sup>
noise level:	46 dB(A)
weight:	50 g
failure rate (L <sub>10</sub> ):	L <sub>10</sub> < 57,500 h (40°C) L <sub>10</sub> < 35,000 h (tmax)

### ebmpapst 414 JHH, 24 V DC

type:	ebmpapst 414 JHH
dimensions:	40x40x25 mm
tension:	24 V DC
power inout:	3.6 W

max. air volume:	<b>24 m<sup>3</sup>/h</b>
temperature range:	<b>-20°C... +60°C</b>
speed:	<b>13,000 min<sup>-1</sup></b>
noise level:	<b>46 dB(A)</b>
weight:	<b>50 g</b>
failure rate (L <sub>10</sub> ):	<b>L<sub>10</sub> &lt; 57,500 h (40°C)</b> <b>L<sub>10</sub> &lt; 35,000 h (tmax)</b>

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