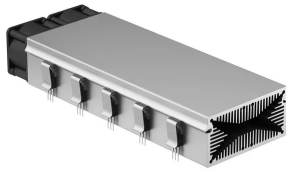


# Data sheet Product LAM 4 D K 150 5



## Cooling aggregates>Miniature cooling aggregates

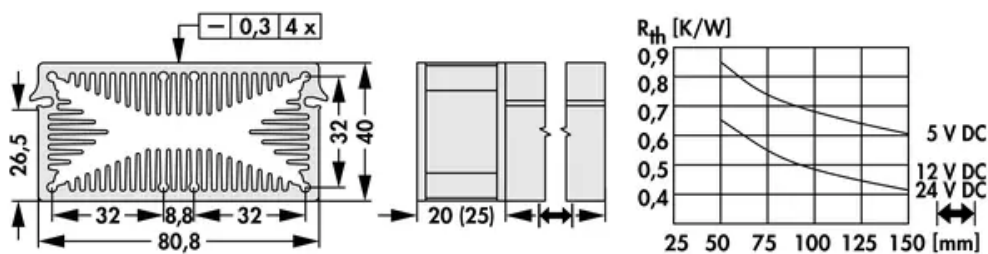
40 x 80.8 mm, with axial fan, integrated clamp

- 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:                             | 150 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

|             |              |
|-------------|--------------|
| type:       | ebmpapst 405 |
| dimensions: | 40x40x20 mm  |

|                                  |                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------|
| tension:                         | <b>5 V DC</b>                                                                            |
| power inout:                     | <b>0.9 W</b>                                                                             |
| max. air volume:                 | <b>10 m<sup>3</sup>/h</b>                                                                |
| temperature range:               | <b>-20°C... +70°C</b>                                                                    |
| noise level:                     | <b>18 dB(A)</b>                                                                          |
| speed:                           | <b>6,000 min<sup>-1</sup></b>                                                            |
| weight:                          | <b>27 g</b>                                                                              |
| failure rate (L <sub>10</sub> ): | <b>L<sub>10</sub> &lt; 50,000 h (40°C)</b><br><b>L<sub>10</sub> &lt; 20,000 h (tmax)</b> |
| type:                            | <b>ebmpapst 412 JHH</b>                                                                  |
| dimensions:                      | <b>40x40x25 mm</b>                                                                       |
| tension:                         | <b>12 V DC</b>                                                                           |
| power inout:                     | <b>3.3 W</b>                                                                             |
| max. air volume:                 | <b>24 m<sup>3</sup>/h</b>                                                                |
| temperature range:               | <b>-20°C... +60°C</b>                                                                    |
| noise level:                     | <b>46 dB(A)</b>                                                                          |
| speed:                           | <b>13,000 min<sup>-1</sup></b>                                                           |
| weight:                          | <b>50 g</b>                                                                              |
| failure rate (L <sub>10</sub> ): | <b>L<sub>10</sub> &lt; 57,500 h (40°C)</b><br><b>L<sub>10</sub> &lt; 35,000 h (tmax)</b> |
| type:                            | <b>ebmpapst 414 JHH</b>                                                                  |
| dimensions:                      | <b>40x40x25 mm</b>                                                                       |
| tension:                         | <b>24 V DC</b>                                                                           |
| power inout:                     | <b>3.6 W</b>                                                                             |
| max. air volume:                 | <b>24 m<sup>3</sup>/h</b>                                                                |
| temperature range:               | <b>-20°C... +60°C</b>                                                                    |
| noise level:                     | <b>46 dB(A)</b>                                                                          |
| speed:                           | <b>13,000 min<sup>-1</sup></b>                                                           |

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| weight:                          | 50 g                                                                   |
| failure rate (L <sub>10</sub> ): | L <sub>10</sub> < 57,500 h (40°C)<br>L <sub>10</sub> < 35,000 h (tmax) |

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