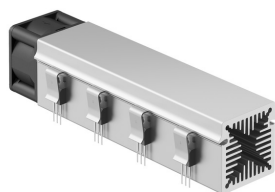


## Data sheet Product LAM 4 K 150 24

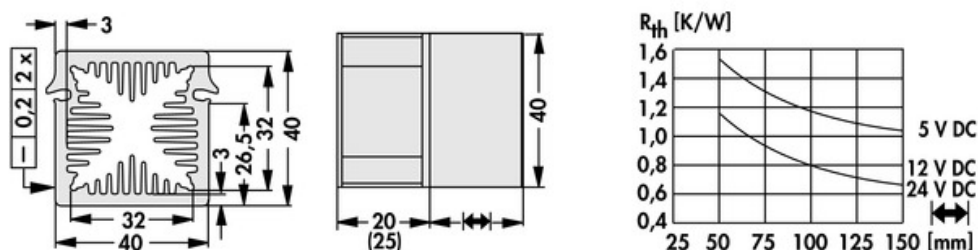


Cooling aggregates>Miniature cooling aggregates  
 40 x 40 mm, with axial fan, integrated clamp

### Features

|                                     |                                                                                                  |
|-------------------------------------|--------------------------------------------------------------------------------------------------|
| width:                              | 40 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

### 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)<br>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)<br>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><br><b>L<sub>10</sub> &lt; 35,000 h (tmax)</b> |

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