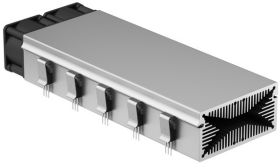


## Data sheet Product LAM 4 D K 100 5



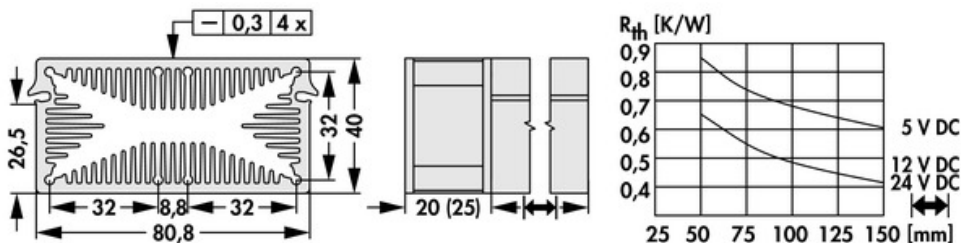
Cooling aggregates > Miniature cooling aggregates  
 40 x 80.8 mm, with axial fan, integrated clamp

- 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:                             | 100 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> |

**Fischer Elektronik GmbH & Co. KG**  
DEUTSCHLAND • GERMANY • ALLEMAGNE

Nottebohmstraße 28  
58511 Lüdenscheid

Telefon +49 2351 435-0  
Telefax +49 2351 45754

info@fischerelektronik.de  
www.fischerelektronik.de

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