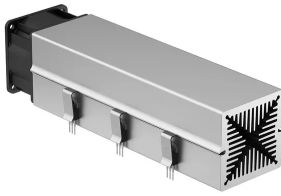


# Data sheet Product LAM 6 K 50 12



## Cooling aggregates>Miniature cooling aggregates

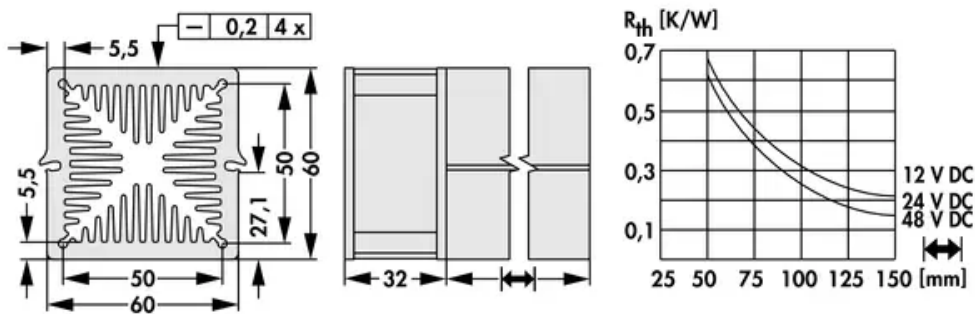
60 x 60 mm, with axial fan, integrated clamp

- 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:              | 60 mm                   |
| height:             | 60 mm                   |
| length:             | 50 mm                   |
| thermal resistance: | 0.67 - 0.15 K/W         |
| surface:            | natural colour anodised |

## Technical Drawing



## Fan

|             |                 |
|-------------|-----------------|
| type:       | ebmpapst 612 JH |
| dimensions: | 60x60x32 mm     |

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| tension:                         | <b>12 V DC</b>                             |
| power inout:                     | <b>7.7 W</b>                               |
| max. air volume:                 | <b>70 m<sup>3</sup>/h</b>                  |
| temperature range:               | <b>-20°C... +70°C</b>                      |
| noise level:                     | <b>53 dB(A)</b>                            |
| speed:                           | <b>11,700 min<sup>-1</sup></b>             |
| weight:                          | <b>100 g</b>                               |
| failure rate (L <sub>10</sub> ): | <b>L<sub>10</sub> &gt; 57,500 h (40°C)</b> |
| type:                            | ebmpapst 614 J/2HHP                        |
| dimensions:                      | <b>60x60x32 mm</b>                         |
| tension:                         | <b>24 V DC</b>                             |
| power inout:                     | <b>14.6 W</b>                              |
| max. air volume:                 | <b>82 m<sup>3</sup>/h</b>                  |
| temperature range:               | <b>-20°C... 75°C</b>                       |
| noise level:                     | <b>62 dB(A)</b>                            |
| speed:                           | <b>15,000 min<sup>-1</sup></b>             |
| weight:                          | <b>100 g</b>                               |
| failure rate (L <sub>10</sub> ): | <b>L<sub>10</sub> &gt; 65,000 h (40°C)</b> |
| type:                            | <b>ebmpapst 618 J/2HHP</b>                 |
| dimensions:                      | <b>60x60x32 mm</b>                         |
| tension:                         | <b>48 V DC</b>                             |
| power inout:                     | <b>14.6 W</b>                              |
| max. air volume:                 | <b>82 m<sup>3</sup>/h</b>                  |
| temperature range:               | <b>-20°C... 75°C</b>                       |
| noise level:                     | <b>62 dB(A)</b>                            |
| speed:                           | <b>15,000 min<sup>-1</sup></b>             |
| weight:                          | <b>100 g</b>                               |

failure rate ( $L_{10}$ ):

$L_{10} > 65,000 \text{ h (40°C)}$

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

Nottebohmstraße 28  
58511 Lüdenscheid

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

[info@fischerelektronik.de](mailto:info@fischerelektronik.de)  
[www.fischerelektronik.de](http://www.fischerelektronik.de)