

# Data sheet Product LA HB 1 250 24



Cooling aggregates>Cooling aggregates with axial fan

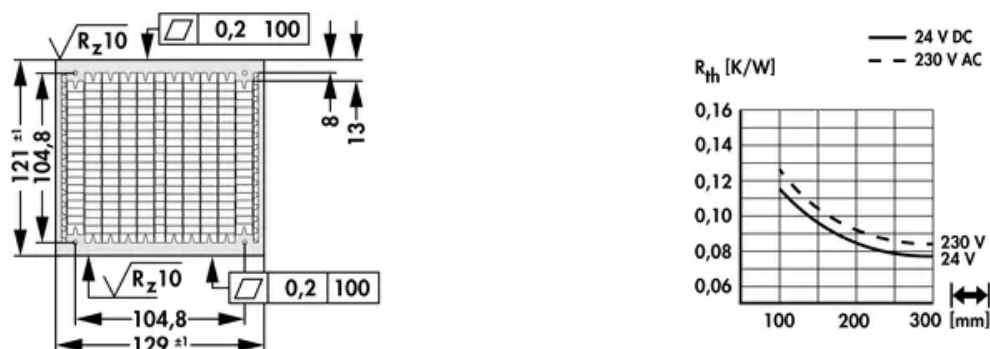
129 x 121 mm, with axial fan

- extremely low losses of air flow as compared to cooling aggregates with extruded aluminium
- compact dimensions, that means high performance density due to large heat-conducting surfaces
- maximum heat flow due to brazing or thermal adhesion
- high performance cooling aggregates are only effective with forced ventilation by means of the fan, but not with free convection
- other fan types and fan voltages on request

## Features

|                     |                                                                                                                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| width:              | 129 mm                                                                                                                                                                                                     |
| height:             | 121 mm                                                                                                                                                                                                     |
| length:             | 250 mm                                                                                                                                                                                                     |
| thermal resistance: | 0.125 - 0.078 K/W                                                                                                                                                                                          |
| surface:            | <ul style="list-style-type: none"> <li>• aluminium natural/degreased/cutting edges not deburred (by the metre not degreased/cutting edges not deburred)</li> <li>• mounting area(s) milled flat</li> </ul> |

## Technical Drawing



## Fan

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| type:                            | <b>ADDA A1224MB</b>                        |
| dimensions:                      | <b>120x120x38.5 mm</b>                     |
| tension:                         | <b>24 V DC</b>                             |
| power inout:                     | <b>16.32 W</b>                             |
| max. air volume:                 | <b>276 m<sup>3</sup>/h</b>                 |
| temperature range:               | <b>-10°C... +70°C</b>                      |
| noise level:                     | <b>73.1 dB(A)</b>                          |
| speed:                           | <b>3.800 min<sup>-1</sup></b>              |
| weight:                          | <b>335 g</b>                               |
| failure rate (L <sub>10</sub> ): | <b>70.000 h (40°C)</b>                     |
| type:                            | <b>ebmpapst 4656N</b>                      |
| dimensions:                      | <b>119x119x38 mm</b>                       |
| tension:                         | <b>230 V AC</b>                            |
| power inout:                     | <b>19 W</b>                                |
| max. air volume:                 | <b>160 m<sup>3</sup>/h</b>                 |
| temperature range:               | <b>-40°C... +85°C</b>                      |
| noise level:                     | <b>47 dB(A)</b>                            |
| speed:                           | <b>2,650 min<sup>-1</sup></b>              |
| weight:                          | <b>550 g</b>                               |
| failure rate (L <sub>10</sub> ): | <b>L<sub>10</sub> &gt; 37,500 h (40°C)</b> |