

# Data sheet Product LA HL D 1 200 24

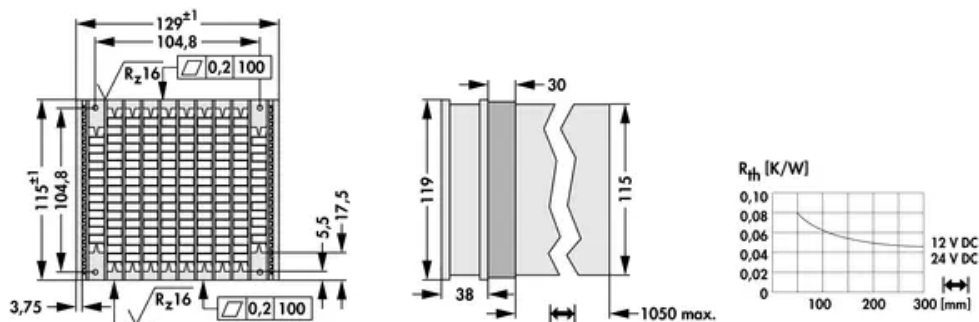


Cooling aggregates>Cooling aggregates with axial fan  
High performance cooling aggregate

## Features

|                                     |                                                                                |
|-------------------------------------|--------------------------------------------------------------------------------|
| width:                              | 129 mm                                                                         |
| height:                             | 115 mm                                                                         |
| length:                             | 200 mm                                                                         |
| thermal resistance:                 | 0.08 - 0.045 K/W                                                               |
| operating voltage of the fan motor: | <ul style="list-style-type: none"> <li>• 12 V DC</li> <li>• 24 V DC</li> </ul> |

## Technical Drawing



## Fan

|                  |                       |
|------------------|-----------------------|
| type:            | ebmpapst 4112NH3      |
| dimensions:      | 119x119x38 mm         |
| tension:         | 12 V DC               |
| power inout:     | 21.6 W                |
| max. air volume: | 310 m <sup>3</sup> /h |

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| temperature range:               | <b>-20°C... +65°C</b>                                                              |
| noise level:                     | <b>65 dB(A)</b>                                                                    |
| speed:                           | <b>6,000 min<sup>-1</sup></b>                                                      |
| weight:                          | <b>390 g</b>                                                                       |
| failure rate (L <sub>10</sub> ): | <b>L<sub>10</sub> &gt; 60,000 h (40°C)<br/>L<sub>10</sub> &gt; 37,500 h (tmax)</b> |
| type:                            | <b>ebmpapst 4114NH3</b>                                                            |
| dimensions:                      | <b>119x119x38 mm</b>                                                               |
| tension:                         | <b>24 V DC</b>                                                                     |
| power inout:                     | <b>19.5 W</b>                                                                      |
| max. air volume:                 | <b>310 m<sup>3</sup>/h</b>                                                         |
| temperature range:               | <b>-20°C... +65°C</b>                                                              |
| noise level:                     | <b>65 dB(A)</b>                                                                    |
| speed:                           | <b>6,000 min<sup>-1</sup></b>                                                      |
| weight:                          | <b>390 g</b>                                                                       |
| failure rate (L <sub>10</sub> ): | <b>L<sub>10</sub> &gt; 65,000 h (40°C)<br/>L<sub>10</sub> &gt; 37,500 h (tmax)</b> |