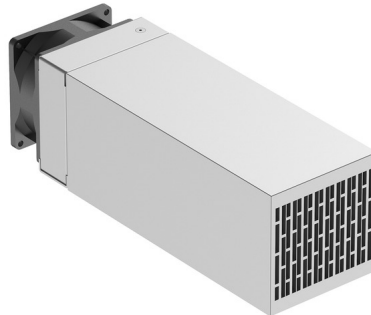


# Home - Fischerelektronik - LA V 31

 [fischerelektronik.de/web\\_fischer/en\\_GB/VA/LAV3120012/datasheet.xhtml](http://fischerelektronik.de/web_fischer/en_GB/VA/LAV3120012/datasheet.xhtml)



Cooling aggregates>Cooling aggregates with axial fan

85 x 85 mm, with axial fan and air-flow chamber

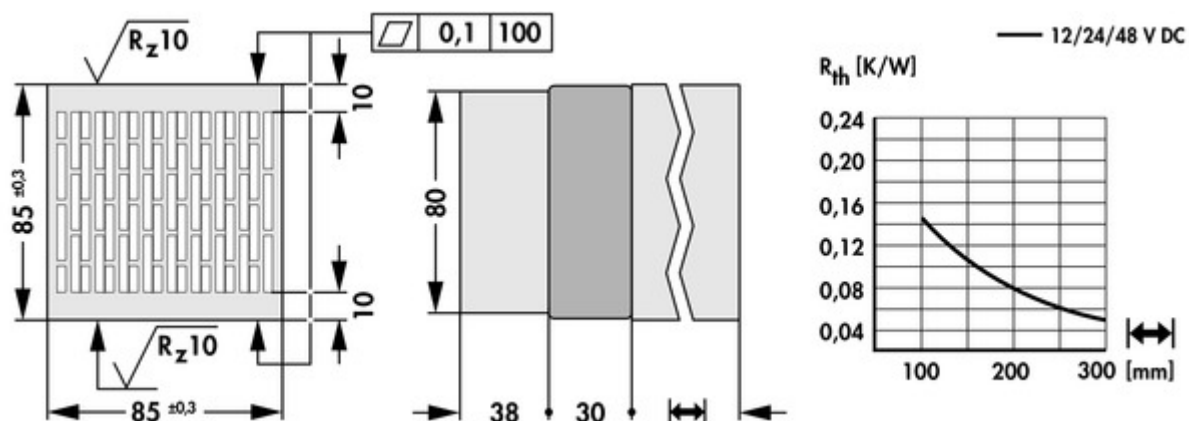
High performance cooling aggregate

- additional efficiency enhancement and noise reduction by means of air-technically adjusted airflow chambers
- excellent thermal efficiency in connection with powerful axial fans
- double-sided precise milled semiconductor mounting surfaces
- different width dimensions, customised machinings, surfaces, fan types and fan voltages upon request

## Features

|                                     |                                                                                               |
|-------------------------------------|-----------------------------------------------------------------------------------------------|
| width:                              | 85 mm                                                                                         |
| height:                             | 85 mm                                                                                         |
| length:                             | 200 mm                                                                                        |
| thermal resistance:                 | 0.052 - 0.144 K/W                                                                             |
| surface:                            | raw degreased aluminium (by the metre raw aluminium)                                          |
| operating voltage of the fan motor: | <ul style="list-style-type: none"><li>• 12 V DC</li><li>• 24 V DC</li><li>• 48 V DC</li></ul> |

## Technical Drawing



## Fan

type: ebmpapst 8212 JH4

dimensions: 80x80x38 mm

tension: 12 V DC

power inout: 39 W

max. air volume: 222 m<sup>3</sup>/h

temperature range: -20°C... +70°C

speed: 14,000 min<sup>-1</sup>

noise level: 71 dB(A)

weight: 200 g

failure rate (L<sub>10</sub>): L<sub>10</sub> > 50,000 h (40°C)

type: ebmpapst 8214 JH4

dimensions: 80x80x38 mm

|                                  |                                   |
|----------------------------------|-----------------------------------|
| tension:                         | 24 V DC                           |
| power inout:                     | 38 W                              |
| max. air volume:                 | 222 m <sup>3</sup> /h             |
| temperature range:               | -20°C... +70°C                    |
| speed:                           | 14,000 min <sup>-1</sup>          |
| noise level:                     | 71 dB(A)                          |
| weight:                          | 200 g                             |
| failure rate (L <sub>10</sub> ): | L <sub>10</sub> > 50,000 h (40°C) |
| type:                            | ebmpapst 8218 JH4                 |
| dimensions:                      | 80x80x38 mm                       |
| tension:                         | 48 V DC                           |
| power inout:                     | 36 W                              |
| max. air volume:                 | 222 m <sup>3</sup> /h             |
| temperature range:               | -20°C... +70°C                    |
| speed:                           | 14,000 min <sup>-1</sup>          |
| noise level:                     | 71 dB(A)                          |
| weight:                          | 200 g                             |
| failure rate (L <sub>10</sub> ): | L <sub>10</sub> > 50,000 h (40°C) |