



## Cooling aggregates>Cooling aggregates with axial fan

- cooling aggregates of special conception with pressed in fins
- enlarged surface by means of fluted fin geometry
- flow-optimised hollow fin structure
- milled flat mounting surface for component assembly
- maximum heatsink length 300 mm
- special designs and other fans upon request

## Features

---

|        |        |
|--------|--------|
| width: | 330 mm |
|--------|--------|

---

|         |       |
|---------|-------|
| height: | 90 mm |
|---------|-------|

---

|         |        |
|---------|--------|
| length: | 200 mm |
|---------|--------|

---

|                     |                  |
|---------------------|------------------|
| thermal resistance: | 0.087 - 0.19 K/W |
|---------------------|------------------|

---

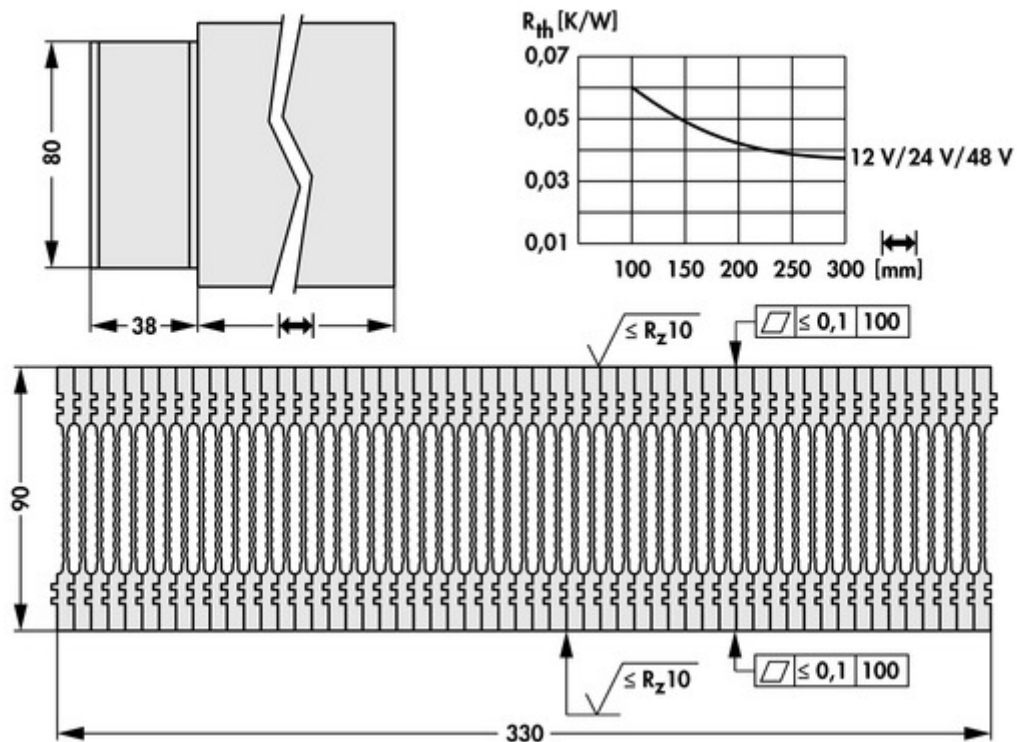
|          |                                                      |
|----------|------------------------------------------------------|
| surface: | raw degreased aluminium (by the metre raw aluminium) |
|----------|------------------------------------------------------|

---

|                                     |                                                                                               |
|-------------------------------------|-----------------------------------------------------------------------------------------------|
| 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 ( $L_{10}$ ):  $L_{10} > 50,000 \text{ h (40°C)}$

**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)