

# Data sheet Product LA V 28 250 12



## Cooling aggregates>Cooling aggregates with axial fan

65 x 65 mm, with axial fan and air-flow chamber

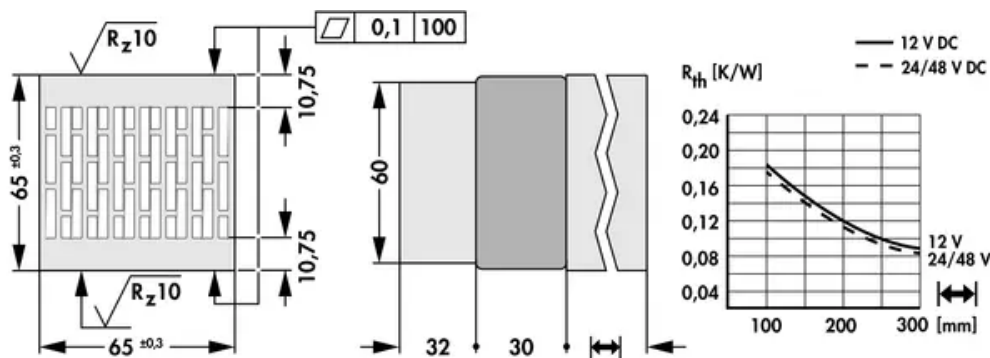
High performance cooling aggregate

- 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:                              | 65 mm                                                                                                          |
| height:                             | 65 mm                                                                                                          |
| length:                             | 250 mm                                                                                                         |
| thermal resistance:                 | 0.083 - 0.182 K/W                                                                                              |
| surface:                            | aluminium natural/degreased/cutting edges not deburred (by the metre not degreased/cutting edges not deburred) |
| 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: | <b>ebmpapst 612 JH</b> |
|-------|------------------------|

|             |                    |
|-------------|--------------------|
| dimensions: | <b>60x60x32 mm</b> |
|-------------|--------------------|

|          |                |
|----------|----------------|
| 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: | <b>ebmpapst 614 J/2HHP</b> |
|-------|----------------------------|

|             |                    |
|-------------|--------------------|
| 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 <sub>10</sub> ): | <b>L<sub>10</sub> &gt; 65,000 h (40°C)</b> |

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