
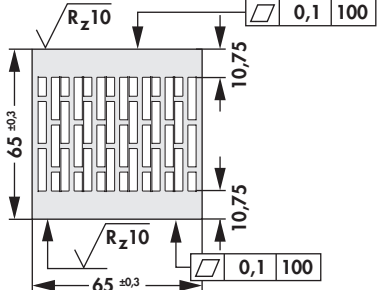
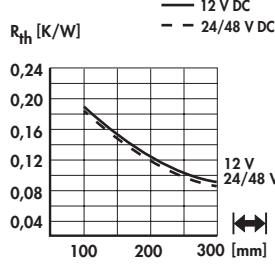

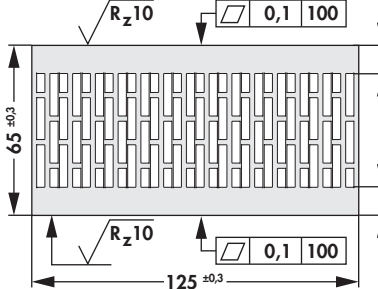
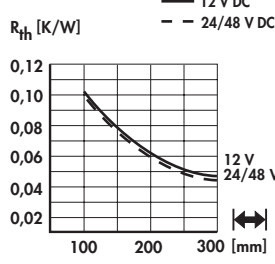

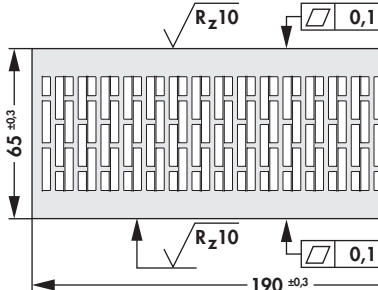
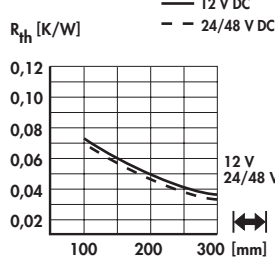


Cooling aggregates with axial fan

High performance cooling aggregate

- compact construction by means of connected extruded profiles
- excellent efficiency by means of flow-optimised hollow fin structure
- powerful axial fans
- double-sided precise milled semiconductor mounting surfaces
- different width dimensions, customised machinings, surfaces, fan types and fan voltages upon request

art. no. LA 28 ...			
without air flow chamber			
art. no. LA 29 ...			
without air flow chamber			
art. no. LA 30 ...			
without air flow chamber			
<p>please indicate: ... $\left[\right]$... fan type</p> <p style="text-align: center;">100 150 200 250 300 mm</p> <p style="text-align: right;">12 = 12 V DC 24 = 24 V DC 48 = 48 V DC</p>			


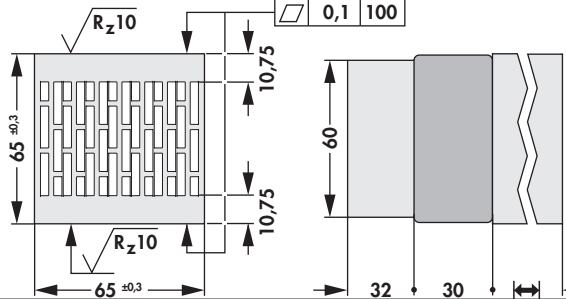
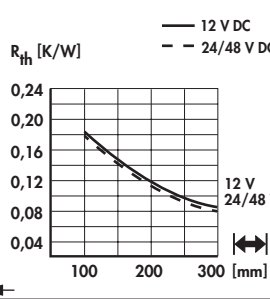

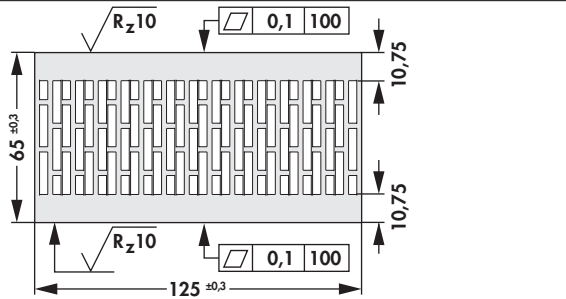
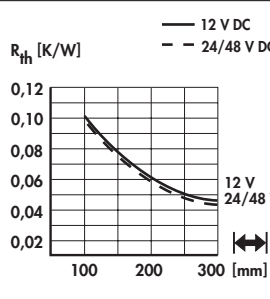

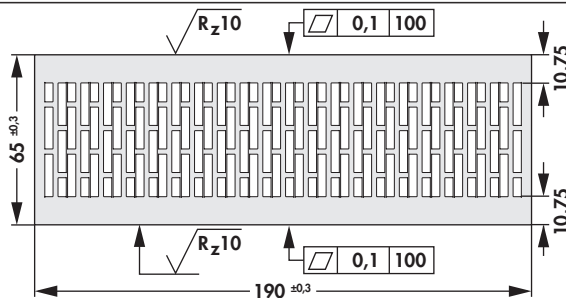
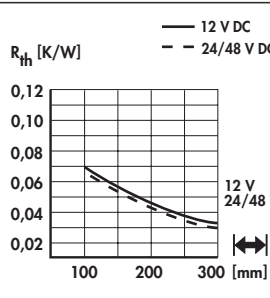
Technical data of the fans

	... 12	... 24	... 48
type	ebmpapst 612 JH	ebmpapst 614 J/2HHP	ebmpapst 618 J/2HHP
dimensions	mm	mm	mm
tension	12 V DC	24 V DC	
power inout	7.7 W	14.6 W	14.6 W
max. air volume	70 m ³ /h	82 m ³ /h	82 m ³ /h
temperature range	-20°C... +70°C	-20°C... 75°C	-20°C... 75°C
noise level	53 dB(A)	62 dB(A)	62 dB(A)
speed	min ⁻¹	min ⁻¹	min ⁻¹
weight	100 g	100 g	100 g
failure rate (L₁₀)	L ₁₀ < 57,500 h (40°C)	L ₁₀ > 65,000 h (40°C)	L ₁₀ > 65,000 h (40°C)

Cooling aggregates with axial fan

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

<p>art. no.</p> <p>LA V 28 ...</p>					
<p>with air flow chamber</p>		<p>art. no.</p> <p>LA V 29 ...</p>			
<p>with air flow chamber</p>		<p>art. no.</p> <p>LA V 30 ...</p>			
<p>please indicate: ... \longleftrightarrow 100 150 200 250 300 mm</p>		<p>... fan type 12 = 12 V DC 24 = 24 V DC 48 = 48 V DC</p>			


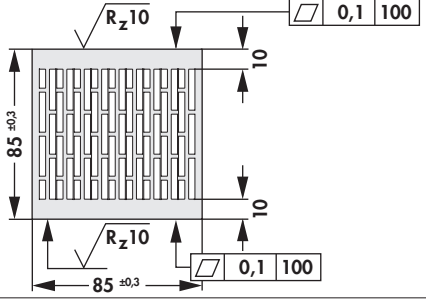
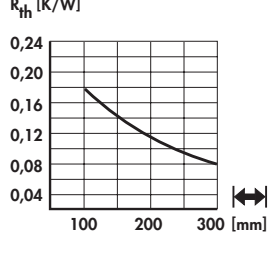

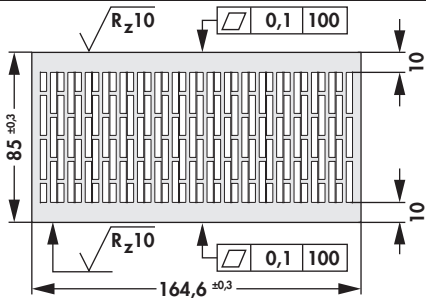
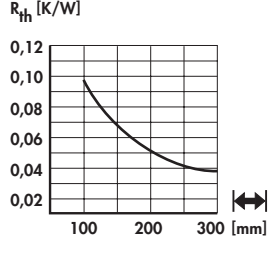

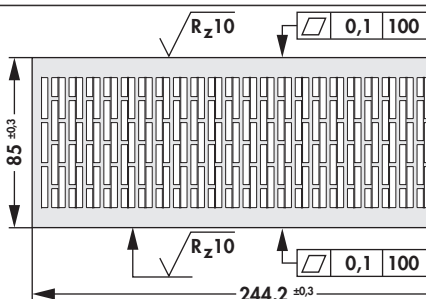
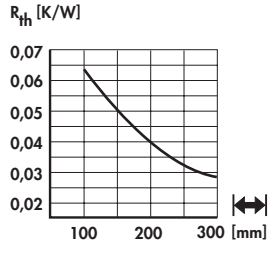
Technical data of the fans

	... 12	... 24	... 48
type	ebmpapst 612 JH	ebmpapst 614 J/2HHP	ebmpapst 618 J/2HHP
dimensions	mm	mm	mm
tension	12 V DC	24 V DC	
power inout	7.7 W	14.6 W	14.6 W
max. air volume	70 m ³ /h	82 m ³ /h	82 m ³ /h
temperature range	-20°C... +70°C	-20°C... 75°C	-20°C... 75°C
noise level	53 dB(A)	62 dB(A)	62 dB(A)
speed	min ⁻¹	min ⁻¹	min ⁻¹
weight	100 g	100 g	100 g
failure rate (L₁₀)	L ₁₀ < 57,500 h (40°C)	L ₁₀ > 65,000 h (40°C)	L ₁₀ > 65,000 h (40°C)

Cooling aggregates with axial fan

High performance cooling aggregate

- compact construction by means of connected extruded profiles
- excellent efficiency by means of flow-optimised hollow fin structure
- powerful axial fans
- double-sided precise milled semiconductor mounting surfaces
- different width dimensions, customised machinings, surfaces, fan types and fan voltages upon request

<p>art. no.</p>			
<p>LA 31 ...</p>	<p>without air flow chamber</p>		
<p>art. no.</p>			
<p>LA 32 ...</p>	<p>without air flow chamber</p>		
<p>art. no.</p>			
<p>LA 33 ...</p>	<p>without air flow chamber</p>		
<p>please indicate: ... $\left[\text{mm} \right]$... fan type</p> <p style="text-align: center;">100 150 200 250 300 mm</p> <p style="text-align: right;">12 = 12 V DC 24 = 24 V DC 48 = 48 V DC</p>			


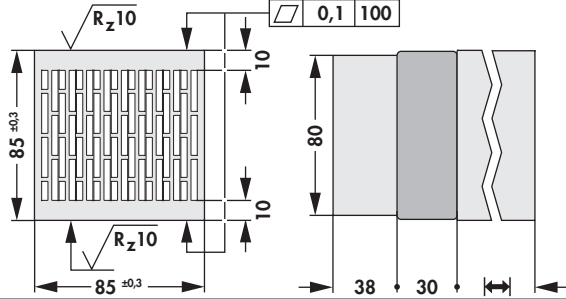
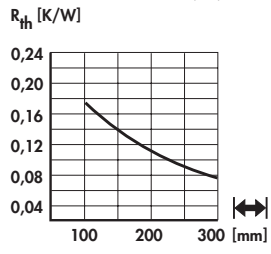

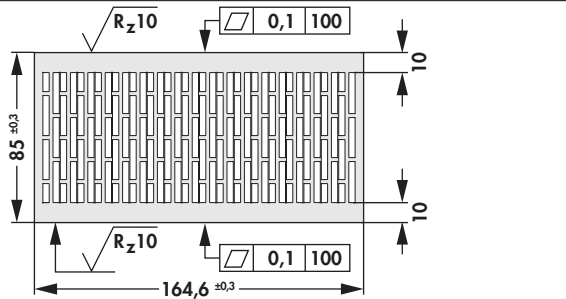
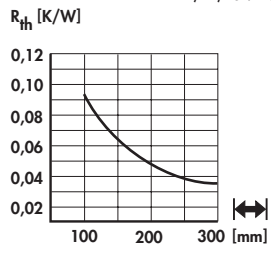

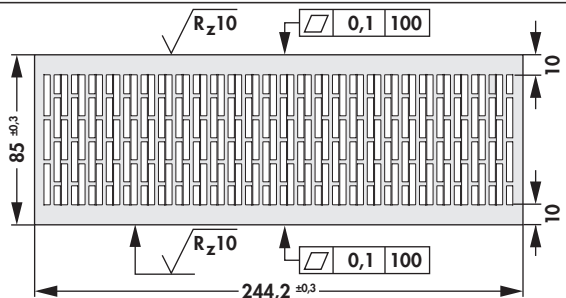
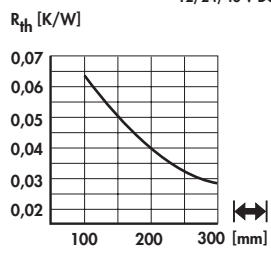
Technical data of the fans

	... 12	... 24	... 48
type	ebmpapst 8212 JH4	ebmpapst 8214 JH4	ebmpapst 8218 JH4
dimensions	80x80x38 mm	80x80x38 mm	80x80x38 mm
tension	12 V DC	24 V DC	
power inout	39 W	38 W	36 W
max. air volume	222 m ³ /h	222 m ³ /h	222 m ³ /h
temperature range	-20°C... +70°C	-20°C... +70°C	-20°C... +70°C
noise level	71 dB(A)	71 dB(A)	71 dB(A)
speed	min ⁻¹	min ⁻¹	min ⁻¹
weight	200 g	200 g	200 g
failure rate (L₁₀)	L ₁₀ > 50,000 h (40°C)	L ₁₀ > 50,000 h (40°C)	L ₁₀ > 50,000 h (40°C)

Cooling aggregates with axial fan

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

<p>art. no.</p> <p>LA V 31 ...</p>	 <p>with air flow chamber</p>		 <p>— 12/24/48 V DC</p>
<p>art. no.</p> <p>LA V 32 ...</p>	 <p>with air flow chamber</p>		 <p>— 12/24/48 V DC</p>
<p>art. no.</p> <p>LA V 33 ...</p>	 <p>with air flow chamber</p>		 <p>— 12/24/48 V DC</p>
<p>please indicate: ... \longleftrightarrow 100 150 200 250 300 mm</p> <p>... fan type 12 = 12 V DC 24 = 24 V DC 48 = 48 V DC</p>			

Technical data of the fans

	... 12	... 24	... 48
type	ebmpapst 8212 JH4	ebmpapst 8214 JH4	ebmpapst 8218 JH4
dimensions	80x80x38 mm	80x80x38 mm	80x80x38 mm
tension	12 V DC	24 V DC	
power inout	39 W	38 W	36 W
max. air volume	222 m ³ /h	222 m ³ /h	222 m ³ /h
temperature range	-20°C... +70°C	-20°C... +70°C	-20°C... +70°C
noise level	71 dB(A)	71 dB(A)	71 dB(A)
speed	min ⁻¹	min ⁻¹	min ⁻¹
weight	200 g	200 g	200 g
failure rate (L₁₀)	L ₁₀ > 50,000 h (40°C)	L ₁₀ > 50,000 h (40°C)	L ₁₀ > 50,000 h (40°C)