Ventilatorenbausatz EB / DB
Montiert auf einer verzinkten quadratischen Platte mit eingearbeiteter Einstromdüse.

Features and construction

Typenschlüssel

<table>
<thead>
<tr>
<th>Type</th>
<th>Determination number</th>
<th>Nombre caractéristique</th>
</tr>
</thead>
<tbody>
<tr>
<td>EB 310 A Ex stb</td>
<td>drehzahlsteuerbar / speed control possible / réglable avec régulateur de vitesse</td>
<td>explosionsgeschützte Ausführung / flameproof version / ventilateur antidéflagrant</td>
</tr>
<tr>
<td>Ausführung / version / version</td>
<td>mit Flansch / with flange / avec bride</td>
<td></td>
</tr>
<tr>
<td>R = Rohrventilator / inline tube fan / ventilateur en gaine ronde</td>
<td>175...400</td>
<td></td>
</tr>
<tr>
<td>B = Ventilator-Bausatz / fan unit / ventilateur à monter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Motor / motor / moteur</td>
<td>E = Einphasenwechselstrom / single phase A.C. 230 V</td>
<td>courant alternatif monophasé</td>
</tr>
<tr>
<td>D = Drehstrom / three phase</td>
<td></td>
<td>courant triphasé</td>
</tr>
</tbody>
</table>

Schnellauswahl

<table>
<thead>
<tr>
<th>EB</th>
<th>Quick selection</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Volumenstrom / volume air flow</th>
<th>statischer Druck / static pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 250 500 750 1000 1250 1500 1750 2000 2250</td>
<td>0 500 1000 1500 2000 2500 3000 3500 4000</td>
</tr>
<tr>
<td>V [C.F.M.]</td>
<td>V [m³/s]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DB</th>
<th>Sélection première</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Volumenstrom / volume air flow</th>
<th>statischer Druck / static pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 250 500 750 1000 1250 1500 1750 2000 2250</td>
<td>0 500 1000 1500 2000 2500 3000 3500 4000</td>
</tr>
<tr>
<td>V [C.F.M.]</td>
<td>V [m³/s]</td>
</tr>
</tbody>
</table>
**EB 175**

- **Typ:** EB 175
- **ArtNr.:** 070050
- **U [V]:** 230 V 50 Hz
- **Pₘ [kW]:** 0.075
- **Iₛ [A]:** 0.32
- **n [min⁻¹]:** 2300
- **Cₜₜ [µF]:** 1.5
- **tₛ [°C]:** 40
- **G: IP44
- **S: GS 1
- **S: E11
- **R: NE 1.5
- **S: RPE 02

**EB 225**

- **Typ:** EB 225
- **ArtNr.:** 070100
- **U [V]:** 230 V 50 Hz
- **Pₘ [kW]:** 0.085
- **Iₛ [A]:** 0.38
- **n [min⁻¹]:** 2700
- **Cₜₜ [µF]:** 2.5
- **tₛ [°C]:** 40
- **G: IP44
- **S: GS 1
- **S: E11
- **R: NE 1.5
- **S: RPE 02
### EB 250

<table>
<thead>
<tr>
<th>Typ</th>
<th>EB 250</th>
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</thead>
<tbody>
<tr>
<td>ArtNr:</td>
<td>070150</td>
</tr>
<tr>
<td>[kg]:</td>
<td>5,15</td>
</tr>
<tr>
<td>U :</td>
<td>230 V 50 Hz</td>
</tr>
<tr>
<td>P, [kW]:</td>
<td>0,15</td>
</tr>
<tr>
<td>I, [A]:</td>
<td>0,66</td>
</tr>
<tr>
<td>n [min⁻¹]:</td>
<td>2700</td>
</tr>
<tr>
<td>Cₜₚ [µF]:</td>
<td>4</td>
</tr>
<tr>
<td>tₚ [°C]:</td>
<td>40</td>
</tr>
<tr>
<td>▶</td>
<td>IP44</td>
</tr>
<tr>
<td>☑</td>
<td>GS 1</td>
</tr>
<tr>
<td>☐</td>
<td>E11</td>
</tr>
<tr>
<td>☒</td>
<td>NE 1,5</td>
</tr>
<tr>
<td>☐</td>
<td>RPE 06</td>
</tr>
</tbody>
</table>

### EB 310

<table>
<thead>
<tr>
<th>Typ</th>
<th>EB 310</th>
<th>DB 310</th>
<th>DB 310 Ex</th>
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<tbody>
<tr>
<td>ArtNr:</td>
<td>070200</td>
<td>070250</td>
<td>070310</td>
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<tr>
<td>[kg]:</td>
<td>8,5</td>
<td>8,5</td>
<td>8,5</td>
</tr>
<tr>
<td>U :</td>
<td>230 V 50 Hz</td>
<td>400 V 50 Hz</td>
<td>400 V 50 Hz</td>
</tr>
<tr>
<td>P, [kW]:</td>
<td>0,115</td>
<td>0,12</td>
<td>0,24</td>
</tr>
<tr>
<td>I, [A]:</td>
<td>0,51</td>
<td>0,21</td>
<td>0,4</td>
</tr>
<tr>
<td>n [min⁻¹]:</td>
<td>1400</td>
<td>1210</td>
<td>1200</td>
</tr>
<tr>
<td>Cₜₚ [µF]:</td>
<td>5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>tₚ [°C]:</td>
<td>40</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>▶</td>
<td>IP44</td>
<td>IP44</td>
<td>E44</td>
</tr>
<tr>
<td>☑</td>
<td>GS 2</td>
<td>GS 2</td>
<td>GS 2 Ex</td>
</tr>
<tr>
<td>☐</td>
<td>E12</td>
<td>DS0</td>
<td>DS1</td>
</tr>
<tr>
<td>☒</td>
<td>NE 1,5</td>
<td>RTD 1,2</td>
<td>RKD 1,2</td>
</tr>
<tr>
<td>☐</td>
<td>RPE 02</td>
<td>SAD 9</td>
<td>-</td>
</tr>
</tbody>
</table>
**Ventilator-Bausatz**

**Fan unit**

**Ventilateur à monter**

**Typ :** EB 31

<table>
<thead>
<tr>
<th>ArtNr.</th>
<th>070350</th>
</tr>
</thead>
<tbody>
<tr>
<td>kg</td>
<td>11,8</td>
</tr>
<tr>
<td>U</td>
<td>230 V 50 Hz</td>
</tr>
<tr>
<td>P₁ [kW]</td>
<td>0,65</td>
</tr>
<tr>
<td>I₀ [A]</td>
<td>3,0</td>
</tr>
<tr>
<td>n [min⁻¹]</td>
<td>2465</td>
</tr>
<tr>
<td>Cₜₐₜ [µF]</td>
<td>12</td>
</tr>
<tr>
<td>tₙ [°C]</td>
<td>40</td>
</tr>
</tbody>
</table>

**Typ :** EB 355

<table>
<thead>
<tr>
<th>ArtNr.</th>
<th>070400 070450 070500</th>
</tr>
</thead>
<tbody>
<tr>
<td>kg</td>
<td>11,2 11,2 11,2</td>
</tr>
<tr>
<td>U</td>
<td>230 V 50 Hz 400 V 50 Hz 400 V 50 Hz</td>
</tr>
<tr>
<td>P₁ [kW]</td>
<td>0,2 0,12 0,26</td>
</tr>
<tr>
<td>I₀ [A]</td>
<td>0,88 0,21 0,46</td>
</tr>
<tr>
<td>n [min⁻¹]</td>
<td>1420 1210 1230</td>
</tr>
<tr>
<td>Cₜₐₜ [µF]</td>
<td>6 - -</td>
</tr>
<tr>
<td>tₙ [°C]</td>
<td>40 40 40</td>
</tr>
</tbody>
</table>

**Typ :** DB 355

<table>
<thead>
<tr>
<th>ArtNr.</th>
<th>070450</th>
</tr>
</thead>
<tbody>
<tr>
<td>kg</td>
<td>11,2</td>
</tr>
<tr>
<td>U</td>
<td>400 V 50 Hz</td>
</tr>
<tr>
<td>P₁ [kW]</td>
<td>0,2</td>
</tr>
<tr>
<td>I₀ [A]</td>
<td>0,12</td>
</tr>
<tr>
<td>n [min⁻¹]</td>
<td>1210</td>
</tr>
<tr>
<td>Cₜₐₜ [µF]</td>
<td>-</td>
</tr>
<tr>
<td>tₙ [°C]</td>
<td>40</td>
</tr>
</tbody>
</table>

**Typ :** DB 355 Ex

<table>
<thead>
<tr>
<th>ArtNr.</th>
<th>070500</th>
</tr>
</thead>
<tbody>
<tr>
<td>kg</td>
<td>11,2</td>
</tr>
<tr>
<td>U</td>
<td>400 V 50 Hz</td>
</tr>
<tr>
<td>P₁ [kW]</td>
<td>0,26</td>
</tr>
<tr>
<td>I₀ [A]</td>
<td>0,46</td>
</tr>
<tr>
<td>n [min⁻¹]</td>
<td>1230</td>
</tr>
<tr>
<td>Cₜₐₜ [µF]</td>
<td>-</td>
</tr>
<tr>
<td>tₙ [°C]</td>
<td>40</td>
</tr>
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</table>

**Typ :** DB 355 Ex

<table>
<thead>
<tr>
<th>ArtNr.</th>
<th>070500</th>
</tr>
</thead>
<tbody>
<tr>
<td>kg</td>
<td>11,2</td>
</tr>
<tr>
<td>U</td>
<td>400 V 50 Hz</td>
</tr>
<tr>
<td>P₁ [kW]</td>
<td>0,26</td>
</tr>
<tr>
<td>I₀ [A]</td>
<td>0,46</td>
</tr>
<tr>
<td>n [min⁻¹]</td>
<td>1230</td>
</tr>
<tr>
<td>Cₜₐₜ [µF]</td>
<td>-</td>
</tr>
<tr>
<td>tₙ [°C]</td>
<td>40</td>
</tr>
</tbody>
</table>
### EB 400

**Typ:** EB 400  
**ArtNr.:** 070550  
**[kg]:** 16,2  
**U :** 230 V 50 Hz  
**P1 [kW]:** 0,52  
**IN [A]:** 2,43  
**n [min⁻¹]:** 1385  
**C400V [µF]:** 12  
**tR [°C]:** 40  
**IP44**  
**GS 2**  
**E12**  
**RPE 06**

<table>
<thead>
<tr>
<th>Typ</th>
<th>EB 400</th>
<th>DB 400</th>
<th>DB 400 Ex</th>
</tr>
</thead>
<tbody>
<tr>
<td>ArtNr.</td>
<td>070550</td>
<td>070600</td>
<td>070650</td>
</tr>
<tr>
<td>[kg]</td>
<td>16,2</td>
<td>14,5</td>
<td>17,9</td>
</tr>
<tr>
<td>U</td>
<td>230 V 50 Hz</td>
<td>400 V 50 Hz</td>
<td>400 V 50 Hz</td>
</tr>
<tr>
<td>P1 [kW]</td>
<td>0,52</td>
<td>0,27</td>
<td>0,46</td>
</tr>
<tr>
<td>IN [A]</td>
<td>2,43</td>
<td>0,55</td>
<td>0,9</td>
</tr>
<tr>
<td>n [min⁻¹]</td>
<td>1385</td>
<td>1310</td>
<td>1335</td>
</tr>
<tr>
<td>C400V [µF]</td>
<td>12</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>tR [°C]</td>
<td>40</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>IP44</td>
<td>GS 2</td>
<td>GS 2</td>
<td>GS 2 Ex</td>
</tr>
<tr>
<td>GS 2</td>
<td>E12</td>
<td>DD0</td>
<td>DD1</td>
</tr>
<tr>
<td>NE 3,2</td>
<td>RTD 1,2</td>
<td>RKD 1,2</td>
<td></td>
</tr>
<tr>
<td>RPE 06</td>
<td>SAD 9</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>
Wandabluftgerät
Wall mounted fan
Ventilateur mural

EA 250 / 300

<table>
<thead>
<tr>
<th>Type</th>
<th>EA 250</th>
<th>EA 300</th>
</tr>
</thead>
<tbody>
<tr>
<td>U [V] (50 Hz)</td>
<td>230</td>
<td>230</td>
</tr>
<tr>
<td>I_n [A]</td>
<td>0.48</td>
<td>0.44</td>
</tr>
<tr>
<td>P [kW]</td>
<td>0.065</td>
<td>0.094</td>
</tr>
<tr>
<td>n [min⁻¹]</td>
<td>1350</td>
<td>1345</td>
</tr>
<tr>
<td>LAns [dB(A)]</td>
<td>57</td>
<td>65</td>
</tr>
<tr>
<td>C_{ref} [µF]</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>t_{max} [°C]</td>
<td>55</td>
<td>55</td>
</tr>
<tr>
<td>Schutzart</td>
<td>IP 44</td>
<td>IP 44</td>
</tr>
<tr>
<td>Masse [kg]</td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td>* Nr.</td>
<td>NE 1,5</td>
<td>NE 1,5</td>
</tr>
<tr>
<td></td>
<td>RPE 02</td>
<td>RPE 02</td>
</tr>
<tr>
<td>A [mm]</td>
<td>290</td>
<td>340</td>
</tr>
<tr>
<td>Da [mm]</td>
<td>258</td>
<td>308</td>
</tr>
</tbody>
</table>

Lieferumfang für Wand-Abbluftergeräte:
1. Formschönes Raumgitter aus grauem Kunststoff A x A mm
2. Teleskoprohr für Wandstärken von 200 - 300 mm
3. Ventilatoreinheit mit Klemmkasten
4. Selbsttätige Jalousieklappe druckseitig aus grauem Kunststoff A x A mm

Items for wall mounted fans:
1. Grey plastic inlet grill A x A mm
2. Telescope tube for walls 200 - 300 mm
3. Fan unit with terminal box
4. Outlet with plastic backdraft shutter A x A mm

Volume de livraison d’un ventilateur mural:
1. Grill bien faite de matière plastique grise A x A mm
2. Tuyau télescopique pour épaisseurs de mur de 200 à 300 mm
3. Unité ventilatrice avec boîte à bornes
4. Couvercle de volet automatique, côté refoulement, de matière plastique grise, A x A mm