### DC centrifugal fans

#### 135 x 38 mm

- **Material:** Scroll housing: GRP1
  Impeller: GRP1
  Base plate: Sheet steel
- **Direction of air flow:** Axial: Intake, Centrifugal: Exhaust
- **Connection:** Via single wires AWG 22, TR 64 48 V model: Flat plug 6.3 x 0.8 mm for ground conductor
- **Highlights:** Forward-curved impeller
- **Weight:** 440 g

#### Subject to change

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#### Series RG 90 N VHS0090XUJBS

**Nominal data**

<table>
<thead>
<tr>
<th>Type</th>
<th>m³/h</th>
<th>cfm</th>
<th>VDC</th>
<th>VDC</th>
<th>Bel(A)</th>
<th>Watts</th>
<th>rpm</th>
<th>°C</th>
<th>Hours</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>RG 90-18/12 N</td>
<td>55</td>
<td>32.4</td>
<td>12</td>
<td>7...15</td>
<td>5.5</td>
<td>6.7</td>
<td>2 200</td>
<td>-30...+75</td>
<td>62 500 / 27 500</td>
<td>105 000</td>
</tr>
<tr>
<td>RG 90-18/14 N</td>
<td>55</td>
<td>32.4</td>
<td>24</td>
<td>12...28</td>
<td>5.5</td>
<td>6.2</td>
<td>2 200</td>
<td>-30...+75</td>
<td>62 500 / 27 500</td>
<td>105 000</td>
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<tr>
<td>RG 90-18/18 N</td>
<td>55</td>
<td>32.4</td>
<td>48</td>
<td>36...56</td>
<td>5.5</td>
<td>6.1</td>
<td>2 200</td>
<td>-30...+75</td>
<td>62 500 / 27 500</td>
<td>105 000</td>
</tr>
</tbody>
</table>

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1) Fiberglass-reinforced plastic

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Air performance measured according to ISO 5801.
Installation category A, without contact protection.
Noise: Total sound power level $L_{W}$ ISO 10302 measured on a hemisphere with a radius of 2 m.
Sound pressure level $L_{pA}$ measured at 1 m distance from fan axis.

The values given are applicable only under the specified measuring conditions and may differ depending on the installation conditions.

In the event of deviation from the standard configuration, the parameters must be checked after installation!
For detailed information see http://www.ebmpapst.com/general conditions