Giant Air Breathers

Giant Air Breather • Type SGB
(Synthetic Fibre Media)

Characteristics
Originally designed to be used as replaceable air filter elements for STAUFF Desiccant Breathers, they can also be used as separate air filters for hydraulic reservoirs.

Features
- Diameter of Ø68 mm / Ø2.68 in (SGB-060), Ø100 mm / Ø3.94 in (SGB-090) or Ø130 mm / Ø5.12 in (SGB-120)
- Equipped with female BSP thread (ISO 228)
- Including sealing made of NBR (Buna-N®)

Accessories / Options
- Adaptors (for direct installation on top of hydraulic reservoirs)

Please see page E34 for a selection of adaptors available, and consult STAUFF for further information.

Air Flow
- Maximum air flow rates:
  - 0.05 m³/min / 1.77 cfm for SGB-060,
  - 0.70 m³/min / 24.71 cfm for SGB-090, and
  - 1.50 m³/min / 52.97 cfm for SGB-120

Dimensions and Filter Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Thread G</th>
<th>Dimensions (mm/in)</th>
<th>Filter Material</th>
<th>Micron Rating</th>
<th>Filter Surface</th>
<th>Max. Air Flow Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>SGB-060-03-B</td>
<td>Female G3/8 BSP (ISO 228)</td>
<td>Ø68 60</td>
<td>Synthetic Fibre</td>
<td>3 μm</td>
<td>415 cm²</td>
<td>0.05 m³/min</td>
</tr>
<tr>
<td>SGB-090-03-B</td>
<td>Female G3/4 BSP (ISO 228)</td>
<td>Ø100 64</td>
<td>Synthetic Fibre</td>
<td>3 μm</td>
<td>752 cm²</td>
<td>0.70 m³/min</td>
</tr>
<tr>
<td>SGB-120-03-B</td>
<td>Female G1-1/4 BSP (ISO 228)</td>
<td>Ø130 100</td>
<td>Synthetic Fibre</td>
<td>3 μm</td>
<td>2095 cm²</td>
<td>1.50 m³/min</td>
</tr>
</tbody>
</table>

* Use adaptors TBA (Steel) or BA-5A and BA-5B (Polyamide) to change female BSP thread into male BSP or male NPT thread. Please see page E34 for details.

Order Codes

1. Type    SGB
2. Size    Ø68 mm / Ø2.68 in
3. Filter Material / Micron Rating 3 μm Synthetic Fibre
4. Connection Thread B
5. Adaptor Option
   - Without adaptor
   - BA-5B Polyamide adapter (for use with SGB-090-03-B)
   - BA-5A Polyamide adapter (for use with SGB-120-03-B)
   - TBA-075 Steel adapter (for use with SGB-090-03-B)
   - TBA-120 Steel adapter (for use with SGB-120-03-B)

Please see page E34 for details.