Full flow gauge ports
High efficiency oil and particle removal
Excellent flow and regulation characteristics

Technical data

**B07**
Fluid: Compressed air, neutral gases
**NOTE:** Contact technical support for use with other media.

**Maximum pressure**
- Transparent bowl: 150 psig (10 bar)
- Metal bowl: 250 psig (17 bar)
- Particle removal: 5µm

**Operating temperature**
- Transparent bowl: -30° to 125°F (-34° to 50°C)
- Metal bowl: -30° to 150°F (-34° to 65°C)
  * Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C)

**B39**
Fluid: Compressed air

**Maximum pressure**
- Transparent bowl: 150 psig (10 bar)
- Metal bowl: 250 psig (17 bar)
- Particle removal:
  - Down to 0.01 µm

**Maximum remaining oil content in outlet air:**
- 0.01 ppm at 70°F (20°C) with an inlet oil concentration of 17 ppm.

**Operating temperature**
- Transparent bowl: -30° to 125°F (-34° to 50°C)
- Metal bowl: -30° to 150°F (-34° to 65°C)
  * Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C)

**Materials**

**B07**
- Body: zinc
- Bonnet: acetal
- Valve: brass/nitrile
- Valve seat: acetal
- Transparent bowl: polycarbonate
- Metal: zinc
- Element: sintered polypropylene
- Elastomers: chloroprene, nitrile

**B39**
- Body: zinc
- Bonnet: acetal
- Valve: brass/nitrile
- Valve seat: acetal
- Transparent bowl: Polycarbonate
- Metal: zinc
- Element: synthetic fiber and polyurethane foam
- Elastomers: chloroprene, nitrile

Ordering information
Models listed include PTF threads, transparent bowl, relieving diaphragm, gauge, automatic drain, 5 to 100 psig (0.3 to 7 bar) outlet pressure adjustment range*

<table>
<thead>
<tr>
<th>ISO Symbol</th>
<th>Port Size</th>
<th>Model Number</th>
<th>Flow scfm (dm3/s)</th>
<th>Weight lbs (kg)</th>
<th>Service kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8&quot;</td>
<td>B07-102-A1KA</td>
<td>13 (6.2 dm3/s †)</td>
<td>0.57 (0.26)</td>
<td>3820-02</td>
<td></td>
</tr>
</tbody>
</table>

| 1/4"       | B07-202-A1KA | 14 (6.5 dm3/s) † | 0.57 (0.26) | 3820-02 |

| 1/4"       | B39-202-A0KA | 4.0 (1.9) †† | 0.57 (0.26) | 3407-66 |

* Outlet pressure can be adjusted to pressures in excess of, and less than, those specified. Do not use these units to control pressures outside of the specified ranges.
† Typical flow with 100 psig (7 bar) inlet pressure, 90 psig (6.3 bar) set pressure and a 15 psig (1 bar) drop from set.
†† Maximum flow with 90 psig (6.3 bar) inlet pressure to maintain stated oil removal performance

For further information www.norgren.com
Miniature Filter/Regulators
B07, and B39

**Minimum clearance to remove bowl
Panel mounting hole diameter 1.19" (30 mm)
Panel thickness: 0.25" (6 mm)

** Typical Performance Characteristics

** Minimum clearance to remove bowl
Panel mounting hole diameter 1.19" (30 mm)
Panel thickness: 0.25" (6 mm)

Dimensions in inches (mm)