**"Midi" Filter Pressure Regulator**

**B11 / B12**

**Description**
Filter pressure regulator with high flow and of small design.

**Media**
compressed air or non-corrosive gases

**Supply pressure**
max. 17 bar for metal bowl with sight glass, max. 21 bar for metal bowl without sight glass

**Adjustment**
by plastic knob with snap-lock at B11, by T-handle with locknut at B12

**Relieving function**
Gauge port G¼ on both sides of the body, screw plugs supplied

**Filter element**
- 40 μm, optionally 5 μm, made of polypropylene
- 5 μm filter element at B11, optionally 40 μm

**Bowl**
metal version with sight glass, optionally without

**Drain**
manual drain as standard, for max. 21 bar, semi automatic or automatic drain as option, for max. 12 bar

**Temperature range**
- G¼ to 70 °C / 32 °F to 168 °F for metal bowl with sight glass
- G½ to 80 °C / 32 °F to 176 °F for metal bowl without sight glass

**Material**
- Body: zinc die-cast
- Bowl: zinc die-cast
- Elastomer: NBR/Buna-N, optionally FKM
- Spring cage: glass fibre-reinforced plastic at B11, zinc die-cast at B12

---

### "Midi" filter regulator

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Bowl</th>
<th>Flow</th>
<th>Supply</th>
<th>Connection</th>
<th>Pressure</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
<td>C</td>
<td>Design</td>
<td>Capacity</td>
<td>thread</td>
<td>number</td>
</tr>
<tr>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>made of/with</td>
<td>l/min**1</td>
<td>l/min**1</td>
<td>G¼</td>
</tr>
<tr>
<td>60</td>
<td>210</td>
<td>120</td>
<td>metal /</td>
<td>0.12</td>
<td>120</td>
<td>2000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>sight glass</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.2...1.8</td>
<td></td>
<td>B11-02WJA</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.2...4.0</td>
<td></td>
<td>B11-02WJB</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.3...9.0</td>
<td></td>
<td>B11-02WJC</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.5...17</td>
<td></td>
<td>B11-02WJD</td>
</tr>
</tbody>
</table>

---

**Special options, add the appropriate letter**

**T-handle**
locknut included, height = 215 mm

**5 μm filter element**
max. 21 bar, 0 °C to 80 °C / 32 °F to 176 °F

**NPT**
connection thread

**Non-relieving**
without relieving function

**Semiautomatic drain**
RK500SY, max. 12 bar

**Automatic drain**
SA605MD, max. 12 bar

**FKM elastomer**
in inner parts made of brass

---

**Accessories**

| Pressure gauge | Ø 50 mm, 0...2.5 bar, G¼ | MA5002...*2 |
| mounting bracket | made of steel | BW45-02 |
| mounting nut | made of plastic | M45x1,5K |
|                | made of aluminium | M45x1,5A |

---

**Extensions:** see chapter for FRL service units

**Spare parts:** see separate spare parts list

---

**Order example:**
B11-02WJA

---

*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop

*2 02 = 0...2.5 bar, 04 = 0...4 bar, 10 = 0...10 bar, 25 = 0...25 bar

---

**Order example:**
B11-02WJA