FEATURES
- Unit can be mounted individually or joined together by using diabolos with sunken locking screws.
- Valves are fitted with pilot seals, which means that valves can be adapted to: internal supply (mark I) or external supply (mark E).

GENERAL
Fluid: Air or neutral gaz, filtered, lubricated or not.
Operating pressure: 2 to 10 bar.
Pilot pressure: With external supply, the pilot pressure must be equal or superior to the pressure in the valve.
Ambient temperature: -10°C to +60°C.
Flow (Qv at 6 bar): See "specifications".

CONSTRUCTION
Body: Zinc diecast.
Poppet: Aluminium.
Seals: NBR (nitrile).

ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>pilot</th>
<th>voltage</th>
<th>consumption</th>
<th>insulation</th>
<th>degree of protection</th>
<th>electrical connection</th>
</tr>
</thead>
<tbody>
<tr>
<td>series 189</td>
<td>~ 24V-48V-115V-230V/50Hz</td>
<td>6 VA, 3.5 VA (2.5 W)</td>
<td>F</td>
<td>IP 65</td>
<td>spade plug size 22 connector, DIN 43650, 11 mm, industry standard B, rotatable x 180°</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

<table>
<thead>
<tr>
<th>symbol</th>
<th>pipe size</th>
<th>orifice size (mm)</th>
<th>flow at 6 bar</th>
<th>Kv coefficient</th>
<th>fluid pressure (bar)</th>
<th>2 catalogue numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ports 2-4 with instant fittings ports 1-3: G1/8</td>
<td>3</td>
<td>210</td>
<td>3</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>tapped G1/8</td>
<td>3</td>
<td>210</td>
<td>3</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>tapped G1/4</td>
<td>6</td>
<td>840</td>
<td>12</td>
<td>2</td>
<td>10</td>
</tr>
</tbody>
</table>

(M) Type of manual operator on pilot(s): ●: maintained.

ACCESSORIES
- Unit consisting of 2 flow regulators, joinable:
  - for valve 263 (instant fittings Ø 6 mm) - cat. no.: 34600211
  - for valve 263 (G 1/8) - cat. no.: 34600209
  - for valve 264 (G 1/4) - cat. no.: 34600109
- Transfer unit for association of valves series 263 and 264, allowing communication of pressure feed (1) and exhaust (3) ports (18 mm thick), cat. no.: 88126303
- Power supply unit separate from main pressure:
  - for valve 263 (G 1/8) - cat. no.: 88126301
- The valves series 263 can be mounted on EN 50022 - AFNOR NF C63015 rail using mounting clips.
  - 10 clips - cat. no.: 33400036

OPTIONS
- For equipment and pilot valves for use in potentially explosive atmospheres caused by dusts or gases, in accordance with ATEX Directive 2014/34/EU.
**Poppet Valves - Series 263-264 - 4/2**

**Valve 263**
- Weight: 0.450 kg
- Dimensions (mm)
  - 1: 4 ports G 1/8
  - 2: 2 ports G 1/8 or instant fittings Ø 6 OD
  - 3: 2 grub screws for joining spindles
  - 4: 2 screws for side mounting Ø 4.2 x 34
  - 5: Accessory: Flow regulator
  - 6: Top mounting 2 holes Ø 4.2 x 50
  - 7: 2 grub screws for joining spindles
  - 8: Joining spindles
  - 9: Flow rate adjustment buttons
  - 10: Pilot series 189
  - 11: Manual operator
  - +15 mm for plug removal

**Valve 264**
- Weight: 1.050 kg
- Dimensions (mm)
  - 1: 4 ports G 1/4
  - 2: 2 ports G 1/4
  - 3: 2 grub screws for joining spindles
  - 4: 2 screws for side mounting Ø 5.5 x 34
  - 5: Accessory: Flow rate regulator
  - 6: Top mounting 2 holes Ø 5.5 x 60
  - 7: 2 grub screws for joining spindles
  - 8: Joining spindles
  - 9: Flow rate adjustment buttons
  - 10: Pilot series 189
  - 11: Manual operator
  - +15 mm for plug removal

Joinable valves:
- View from above

Available in pilot series 189.

All leaflets are available on: [www.asco.com](http://www.asco.com)

Pneumatic Valves (4/2)

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