Pressure-Relief Valve
NG 4 ISO 4401,
sandwich-plate
Technical Data Sheet
Technical Data

General
- Type: piston valve
- Fastening method: sandwich plate
- Mounting method: mounting plate
- Mounting positions: any
- Ambient temperature: -5 to +50 °C
- Weight: 0.6 kg

Hydraulic
- Operation pressure P, A, B: max. 315 bar
- Pressure steps: 3 - 30 bar; 5 - 60 bar; 10 - 150 bar; 20 - 250 bar
- Hydraulic oil temperature: -5 to +70 °C
- Viscosity range: 10 to 300 mm²/s
- Operating flow range: characteristic curve

Features
- damped piston valve
- small hysteresis
- compact design

Options
- measuring connection 1/8"
- several adjustment elements

Symbol

10

for hydraulic oil 35 mm²/s, 50°C
* min. adjustable pressure
** max. adjustable pressure
**Dimensional Drawing**

Adjustment Elements

- **design S**
  - S = setting screw

- **design K; P**
  - K = cover
  - P = cover with lead seal

- **design G**
  - G = star knob

- **design H**
  - H = handwheel

- **design D**
  - D = rotary knob

- **design V**
  - V = rotary knob and lock

*all dimensions in mm*
Port Connection Pattern NG 4 ISO 4401

<table>
<thead>
<tr>
<th></th>
<th>P</th>
<th>A</th>
<th>T</th>
<th>B</th>
<th>F1</th>
<th>F2</th>
<th>F3</th>
<th>F4</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø max [mm]</td>
<td>4.5</td>
<td>4.5</td>
<td>4.5</td>
<td>4.5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>3.4</td>
</tr>
<tr>
<td>x [mm]</td>
<td>12</td>
<td>4.3</td>
<td>12</td>
<td>19.7</td>
<td>0</td>
<td>24</td>
<td>24</td>
<td>0</td>
<td>26.5</td>
</tr>
<tr>
<td>y [mm]</td>
<td>20.25</td>
<td>11.25</td>
<td>2.25</td>
<td>11.25</td>
<td>0</td>
<td>0.75</td>
<td>23.25</td>
<td>22.5</td>
<td>17.75</td>
</tr>
</tbody>
</table>

F: M5, thread depth min. 1.5 x Ø
G: bore hole depth min. 1.5 x Ø
Various single and multiple mounting plates are available.

**Type Code**

D 10 - 4 - 30 MZ 300 S MA1

- measuring connection 1/8“
- adjustment element
- design code
- design
- maximal adjustable pressure
- nominal size
- symbol
- pressure valve
- material number
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