Pressure-Relief Valve
NG 6 ISO 4401, directly controlled

- damped piston valve
- small hysteresis
- several pressure steps
- some adjustment method
Technical Data

General
Symbol: please see symbol diagram
Type of valve: piston valve
Operation: electric
Mounting: 4 x M5 x 50 DIN912
Connection of ports: mounting plate
Mounting positions: mountable in any positions
Ambient temperature: -5 to +50 °C
Mass valve: 1.2 kg
Mass mounting plate: 1.0 kg

Hydraulic
Operation pressure range:
Ports A, B: 3 - 30; 5 - 60; 10 - 150 or 20 - 250
Hydraulic oil temperature: -5 to +70 °C
Viscosity range: 10 to 300 mm²/s
Operating flow range: see characteristic curve

Options
• pressure-gauge isolator valve

Symbol

\[
\begin{align*}
D10
\end{align*}
\]

*min. adjustable pressure
**max. adjustable pressure
Adjustment Methods

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 6 ISO 4401

view: fastening side of mounting plate

<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>7.5</td>
<td>7.5</td>
<td>7.5</td>
<td>7.5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>4</td>
</tr>
<tr>
<td>x [mm]</td>
<td>21.5</td>
<td>12.7</td>
<td>21.5</td>
<td>30.2</td>
<td>0</td>
<td>40.5</td>
<td>40.5</td>
<td>0</td>
<td>33</td>
</tr>
<tr>
<td>y [mm]</td>
<td>9</td>
<td>15.5</td>
<td>5.1</td>
<td>15.5</td>
<td>0</td>
<td>-0.75</td>
<td>31.75</td>
<td>31</td>
<td>31.75</td>
</tr>
</tbody>
</table>

F: M5, thread depth min. 1.5 x Ø
G: bore hole depth min. 1.5 x Ø

Single-Unit Mounting Plate

Order number single-unit mounting plate:
PW6-G1-400, pipe connections R1/4"
PW6-G2-400, pipe connections R3/8"

Multiple-unit mounting plate on request.
**Type Code**

<table>
<thead>
<tr>
<th>D 10 - 6 - 30 P - 300 S M01</th>
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</thead>
</table>

**pressure gauge valve**

**adjustment method**
- S = setting screw;
- P = cover with lead seal;
- H = handwheel;
- V = rotary knob and wheel

**design code**
- D = rotary knob;
- G = star knob;
- K = cover;

**maximal adjustable pressure**
- 30, 60, 150 and 250 bar

**nominal size**

**configuration number**

**pressure valve**

**material number**