Technical Data

General
Type: piston valve
Mounting: 4x M5x50 DIN 912
Connection of ports: mounting plate
Ambient temperature: -5 to +50 °C
Mounting position: mountable in any position
Mass valve: 1.2 kg

Hydraulic
Pressure steps at port A and B:
- 3 - 30 bar; 5 - 60 bar;
- 10 - 150 bar or
- 20 - 250 bar
Hydraulic oil temperature: -10 to +70 °C
Viscosity range: 10 to 300 mm²/s
Nominal flow: characteristic curve

Features
- damped piston valve
- small hysteresis
- several pressure steps
- different adjustment method

Option
- pressure gauge shut-off valve

Symbol

Characteristic Curve

*p:min. adjustable pressure
**:max. adjustable pressure
hydraulic oil 35 mm²/s, 50°C
Port Connection Pattern NG 6 ISO 4401

<table>
<thead>
<tr>
<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>
</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>
</tr>
<tr>
<td>y [mm]</td>
<td>25,9</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>
</tr>
</tbody>
</table>

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

Various single and multiple mounting plates are available.
Adjustment Method

**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.
D 40 - 6 - 30 P - 300 S M01

pressure gauge shut-off valve

adjustment method
S = setting screw; K = cover;
P = cover with lead seal; G = star knob;
H = handwheel; D = rotary knob;
V = rotary knob and wheel

design code

design

maximal adjustable pressure
30, 60, 150 and 250 bar

nominal size

configuration number

pressure valve

material number

This is a translated document. Original language: german. Legally binding language version of document: german.