Pressure-Relief Valve
NG 6 cartridge, 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, damped
Mounting: M24 x 1.5
Connection of port: location hole
Mounting positions: mountable in any positions
Ambient temperature: -5 to +50 °C
Mass valve: 0.4 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

Symbol

Charactersitic curve

*min. adjustable pressure
**max. adjustable pressure
Dimensional Drawing

Adjustment Methods

<table>
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<tr>
<th>Design</th>
<th>Description</th>
<th>Diagram</th>
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<tbody>
<tr>
<td>S</td>
<td>setting screw</td>
<td><img src="image" alt="Diagram S" /></td>
</tr>
<tr>
<td>K; P</td>
<td>cover; cover with lead seal</td>
<td><img src="image" alt="Diagram K; P" /></td>
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<tr>
<td>G</td>
<td>star knob</td>
<td><img src="image" alt="Diagram G" /></td>
</tr>
<tr>
<td>H</td>
<td>handwheel</td>
<td><img src="image" alt="Diagram H" /></td>
</tr>
<tr>
<td>D</td>
<td>rotary knob</td>
<td><img src="image" alt="Diagram D" /></td>
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<tr>
<td>V</td>
<td>rotary knob and lock</td>
<td><img src="image" alt="Diagram V" /></td>
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all dimensions in mm
Location Hole

- Location Hole
- M 24 x 1.5
- H7 0
- +0.021
- 15° ±0.10
- 0.8
- 0.02 A
- 0.02 A
- 0.02 A
- Min. 40
- Max. 47
- Min. 51
- Radiused and polished
- Alternatively
Type Code

D 10 - 12 - 30 E - 339 S

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