Check Valve for Flow Control
Valves NG 6
Technical Data Sheet

• By-pass of the flow valve in opposite direction
• Better flow rate
• Sandwich plate valve
• Connection according to ISO 4401
Technical Data

General
Type of valve  seat valve
Valve mounting  hole 2 x Ø5,4
Connection of ports  mounting plate
Mounting position  mountable in any position
Ambient temperature  -5°C to +50°C
Mass valve  0.5 kg

Hydraulic
Operation pressure A, B  max. 250 bar
Hydraulic oil temperature  -10 to +70 °C
Viscosity range  10 to 300 mm²/s

Symbol

Characteristic Curve

\[ \Delta p \text{ [bar]} \]

\[ Q \text{ [l/min]} \]

hydraulic oil 35 mm²/s, 50°C
Port Connection Pattern NG 6 ISO 4401

The figure shows the side of the mounting plate to which the valve is fastened.

<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>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>
<td>31.75</td>
</tr>
</tbody>
</table>

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

For connection of the rectifier for flow control valves, the ports A and B are used.
Various single and multiple mounting plates are available.
<table>
<thead>
<tr>
<th>Type Code</th>
<th>Design code</th>
<th>Design</th>
<th>Nominal size</th>
<th>Flow control valve</th>
<th>Material number</th>
</tr>
</thead>
<tbody>
<tr>
<td>RVM-6-Z200</td>
<td></td>
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</tbody>
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