Check Valve, piloted
NG 4 ISO 4401
sandwich-plate
Technical Data Sheet
### Technical Data

#### General
- **Type of valve**: seat valve, spring-loaded
- **Mounting method**: sandwich plate
- **Mounting positions**: mountable in any position
- **Ambient temperature**: -5 to +50 °C
- **Mass valve**: 0.4 kg

#### Hydraulic
- **Operation pressure**: max. 315 bar
- **Hydraulic oil temperature**: -5 to +70 °C
- **Viscosity range**: 10 to 300 mm²/s
- **max. flow**: characteristic curve
- **Control ratio**: 3,3:1

### Features
- hermetically closed seat valve
- compact design
- soft switch with forebalancing

### Symbol

![Symbol](image)

### Characteristic Curve

![Characteristic Curve](image)

hydraulic oil 35 mm²/s, 50°C

Q [l/min]
Dimensional Drawing

Port Connection Pattern NG 4 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>Ø max [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<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>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>
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<tr>
<td>20.25</td>
<td>11.25</td>
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<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

RVY 1 - 4M A Z - 300

design code

design, sandwich plate

function
A = check valve in A
B = check valve in B
no specification = check valve in A and B

nominal size, design

amount of check functions
1=single
2=double

check valve, piloted

material number