Check Valve
NG 4 ISO 4401,
sandwich-plate valve
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**: 0.3 kg

### Hydraulic
- **Operation pressure**: max. 315 bar
- **Hydraulic oil temperature**: -5 to +70 °C
- **Viscosity range**: 10 to 300 mm²/s
- **max. flow**: 30 l/min
- **Opening pressure**: 1 bar (option 0.5 bar)

### Features
- hermetically closed seat valve
- low flow resistance
- compact design
- freely selectable canal and direction of check

## Dimensional Drawing

Dimensions in mm
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>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø max [mm]</td>
<td>4.5</td>
<td>4.5</td>
<td>4.5</td>
<td>4.5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>3.4</td>
</tr>
<tr>
<td>x [mm]</td>
<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>
</tr>
<tr>
<td>y [mm]</td>
<td>20.25</td>
<td>11.25</td>
<td>2.25</td>
<td>11.25</td>
<td>0</td>
<td>-0.75</td>
<td>23.25</td>
<td>22.5</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**

- **design code**
- **design**
- **flow to way valve**
  - 1 = closed
  - 2 = free
- **check function**
  - P = in P
  - A = in A
  - B = in B
  - T = in T
- **nominal size**
- **check valve**
- **material number**