WaStop® Inline Check Valve Technical Specification
Stainless Steel AISI 304/316

**Model no.:**
- WS750-S2-304/316
- WS750-S3-304/316
- WS750-S4-304/316

**Nominal Size:**
- 30

**Pipe:**
Stainless Steel AISI 304/316

**Membrane:**
Polyurethane

**Fasteners:**
Marine grade stainless steel (AISI 316)

### Technical data:

<table>
<thead>
<tr>
<th></th>
<th>Soft (S2)</th>
<th>Standard (S3)</th>
<th>Hard (S4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. back pressure*</td>
<td>9.8 ft H₂O</td>
<td>16.4 ft H₂O</td>
<td>26.2 ft H₂O</td>
</tr>
<tr>
<td>Horizontal opening</td>
<td>12.6 in H₂O</td>
<td>13.6** in H₂O</td>
<td>17.7** in H₂O</td>
</tr>
<tr>
<td>Horizontal closing</td>
<td>8.3 in H₂O</td>
<td>8.9** in H₂O</td>
<td>10.6** in H₂O</td>
</tr>
<tr>
<td>Submerged opening</td>
<td>7.3** in H₂O</td>
<td>8.5** in H₂O</td>
<td>9.6** in H₂O</td>
</tr>
<tr>
<td>Submerged closing</td>
<td>2.4** in H₂O</td>
<td>2.8** in H₂O</td>
<td>3.5** in H₂O</td>
</tr>
<tr>
<td>Vertical opening</td>
<td>16.7** in H₂O</td>
<td>18.5** in H₂O</td>
<td>20.4** in H₂O</td>
</tr>
<tr>
<td>Vertical closing</td>
<td>7.1** in H₂O</td>
<td>7.9** in H₂O</td>
<td>7.9** in H₂O</td>
</tr>
</tbody>
</table>

* *) +/- 15% **) Modeled value

- Values measured from bottom of pipe.
- Tests performed at room temperature (61-68°F).

### Max Flow

<table>
<thead>
<tr>
<th>f/s</th>
<th>GPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>28025</td>
</tr>
</tbody>
</table>

- Higher flows requires custom valve, contact Wapro
- Flange installation is highly recommended at flows above 6.5 f/s

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**Postal address**
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**Reg. nr:** 556352-1466
**Registered office:** Karlshamn, Sweden
**VAT nr:** SE 556 352 146604

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In the submerged case opening pressure [mmH₂O / inH₂O] is the difference between the water level upstream and the water level downstream and in the open-air case to the invert of the pipe. In vertical applications, the vertical opening pressure is measured from the outlet of the WaStop.

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**In the submerged case opening pressure [mmH₂O / inH₂O] is the difference between the water level upstream and the water level downstream and in the open-air case to the invert of the pipe. In vertical applications, the vertical opening pressure is measured from the outlet of the WaStop.**