**WaStop** Inline Check Valve Technical Specification
**Stainless Steel AISI 316**

**Model no.:**
- WS183-S2-316
- WS183-S3-316
- WS183-S4-316

**Nominal Size:**
- 8

**Pipe:**
- Stainless Steel AISI 316

**Membrane:**
- Silicone

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

<table>
<thead>
<tr>
<th>Technical data:</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 pressure*</td>
<td>8,5 in H₂O</td>
<td>11,5** in H₂O</td>
<td>13,2** in H₂O</td>
</tr>
<tr>
<td>Horizontal closing pressure*</td>
<td>4,0 in H₂O</td>
<td>4,1** in H₂O</td>
<td>6,1** in H₂O</td>
</tr>
<tr>
<td>Submerged opening pressure*</td>
<td>6,9** in H₂O</td>
<td>7,9** in H₂O</td>
<td>8,9** in H₂O</td>
</tr>
<tr>
<td>Submerged closing pressure*</td>
<td>1,2** in H₂O</td>
<td>1,4** in H₂O</td>
<td>1,8** in H₂O</td>
</tr>
<tr>
<td>Vertical opening pressure*</td>
<td>10,4** in H₂O</td>
<td>12,4** in H₂O</td>
<td>13,7** in H₂O</td>
</tr>
<tr>
<td>Vertical closing pressure*</td>
<td>6,5** in H₂O</td>
<td>11,2** in H₂O</td>
<td>11,2** 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>Max Flow</th>
<th>f/s</th>
<th>GPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>1015</td>
<td></td>
</tr>
</tbody>
</table>

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

*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.*

Postal address
Wapro AB
Munkahusvägen 103
SE-374 31 Karlshamn
SWEDEN

Tel: +46 454 185 10
Fax: +46 454 123 38
email: wapro@wapro.se
Website: www.wapro.se

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

HOLDING BACK
THE FLOOD