



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

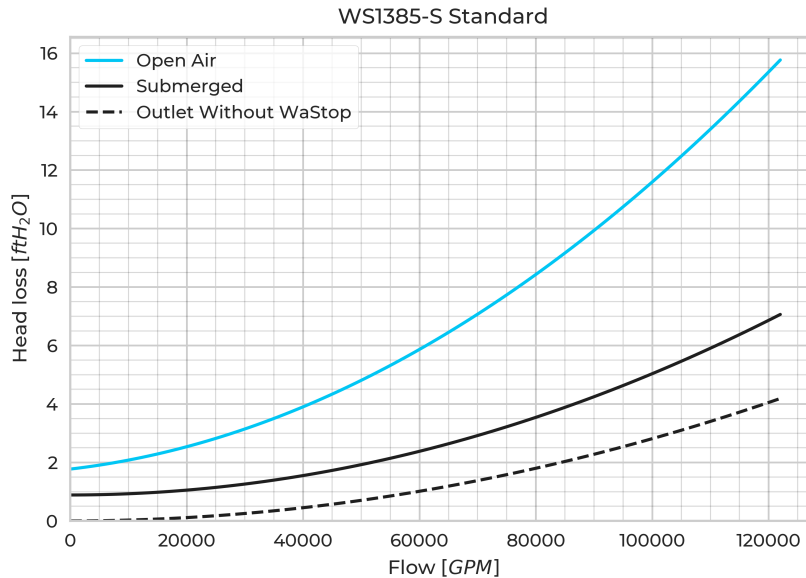
|                      |   |                   |                   |
|----------------------|---|-------------------|-------------------|
| <b>Model no.:</b>    | N/A                                     | WS1385-S3-304/316 | WS1385-S4-304/316 |
| <b>Nominal Size:</b> | 56                                      |                   |                   |
| <b>Pipe:</b>         | Stainless Steel AISI 304/316            |                   |                   |
| <b>Membrane:</b>     | Polyurethane                            |                   |                   |
| <b>Fasteners:</b>    | Marine grade stainless steel (AISI 316) |                   |                   |

| Technical data:               | Soft (S2)                 | Standard (S3)              | Hard (S4)                  |
|-------------------------------|---------------------------|----------------------------|----------------------------|
| Max. back pressure*:          | N/A ft H <sub>2</sub> O   | 16,4 ft H <sub>2</sub> O   | N/A ft H <sub>2</sub> O    |
| Horizontal opening pressure*: | N/A in H <sub>2</sub> O   | 21,3** in H <sub>2</sub> O | 23,8** in H <sub>2</sub> O |
| Horizontal closing pressure*: | N/A in H <sub>2</sub> O   | 13,6** in H <sub>2</sub> O | 15,2** in H <sub>2</sub> O |
| Submerged opening pressure*:  | N/A** in H <sub>2</sub> O | 10,6** in H <sub>2</sub> O | 12** in H <sub>2</sub> O   |
| Submerged closing pressure*:  | N/A** in H <sub>2</sub> O | 4,1** in H <sub>2</sub> O  | 5,3** in H <sub>2</sub> O  |
| Vertical opening pressure*:   | N/A** in H <sub>2</sub> O | 27** in H <sub>2</sub> O   | 28,5** in H <sub>2</sub> O |
| Vertical closing pressure*:   | N/A** in H <sub>2</sub> O | 16,9** in H <sub>2</sub> O | 16,9** in H <sub>2</sub> O |

\*) +/- 15% \*\*) Modeled value  
 - Values measured from bottom of pipe.  
 - Tests performed at room temperature (61-68°F).

| Max Flow | f/s | GPM    |
|----------|-----|--------|
|          | 16  | 122015 |

- 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 [mmH<sub>2</sub>O / inH<sub>2</sub>O] 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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HOLDING BACK  
THE FLOOD