

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

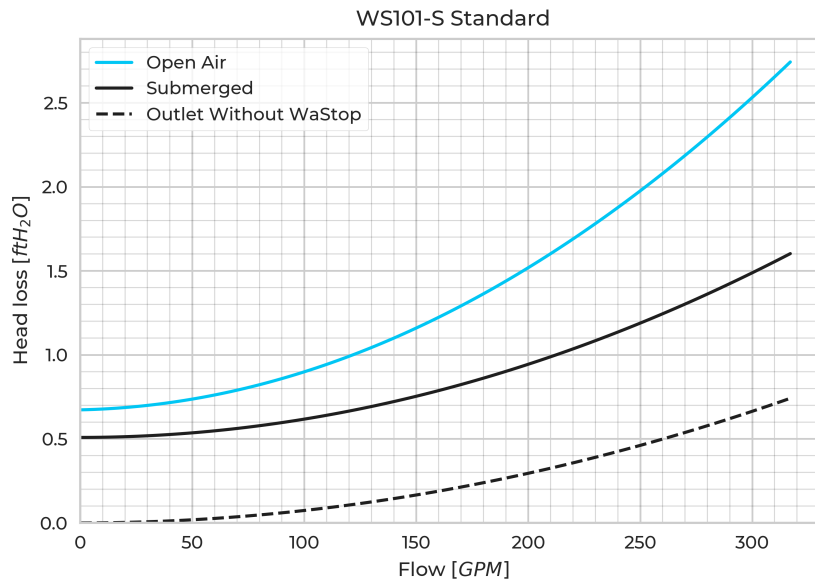
<b>Model no.:</b>	WS101-S2-316	WS101-S3-316	WS101-S4-316
<b>Nominal Size:</b>	4		
<b>Pipe:</b>	Stainless Steel AISI 316		
<b>Membrane:</b>	Silicone		
<b>Fasteners:</b>	Marine grade stainless steel (AISI 316)		

Technical data:	Soft (S2)	Standard (S3)	Hard (S4)
Max. back pressure*:	9,8 ft H <sub>2</sub> O	16,4 ft H <sub>2</sub> O	26,2 ft H <sub>2</sub> O
Horizontal opening pressure*:	5,9 in H <sub>2</sub> O	8,1** in H <sub>2</sub> O	11,2** in H <sub>2</sub> O
Horizontal closing pressure*:	2,6 in H <sub>2</sub> O	2,8** in H <sub>2</sub> O	3,1** in H <sub>2</sub> O
Submerged opening pressure*:	5,3** in H <sub>2</sub> O	6,1** in H <sub>2</sub> O	6,9** in H <sub>2</sub> O
Submerged closing pressure*:	0,6** in H <sub>2</sub> O	0,8** in H <sub>2</sub> O	1** in H <sub>2</sub> O
Vertical opening pressure*:	8,3** in H <sub>2</sub> O	9,8** in H <sub>2</sub> O	10,8** in H <sub>2</sub> O
Vertical closing pressure*:	3,1** in H <sub>2</sub> O	3,5** in H <sub>2</sub> O	3,5** 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
	7	320

- 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.