



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

<b>Model no.:</b>	WS215-S2-304/316	WS215-S3-304/316	WS215-S4-304/316
<b>Nominal Size:</b>	225 mm		
<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*:	3 mH <sub>2</sub> O	5 mH <sub>2</sub> O	8 mH <sub>2</sub> O
Horizontal opening pressure*:	206 mmH <sub>2</sub> O	229** mmH <sub>2</sub> O	217** mmH <sub>2</sub> O
Horizontal closing pressure*:	131 mmH <sub>2</sub> O	136** mmH <sub>2</sub> O	127** mmH <sub>2</sub> O
Submerged opening pressure*:	148** mmH <sub>2</sub> O	170** mmH <sub>2</sub> O	190** mmH <sub>2</sub> O
Submerged closing pressure*:	56** mmH <sub>2</sub> O	65** mmH <sub>2</sub> O	72** mmH <sub>2</sub> O
Vertical opening pressure*:	229 mmH <sub>2</sub> O	255** mmH <sub>2</sub> O	280** mmH <sub>2</sub> O
Vertical closing pressure*:	165** mmH <sub>2</sub> O	184** mmH <sub>2</sub> O	220** mmH <sub>2</sub> O

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

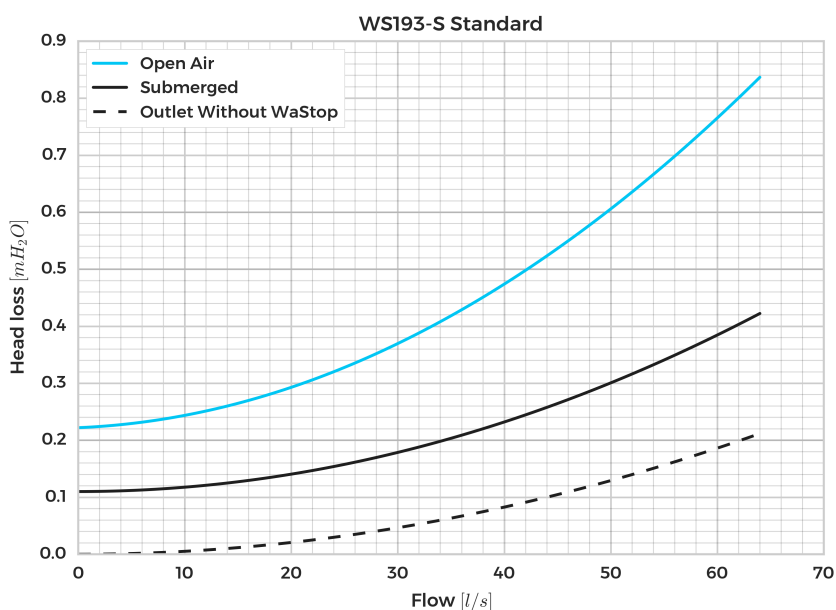
- Values measured from bottom of pipe.

- Tests performed at room temperature (16-20 °C).

Max Flow	m/s	l/s
	2	80

- Higher flows requires custom valve, contact Wapro

- Flange installation is highly recommended at flows above 2 m/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.

