



WaStop® Inline Check Valve Technical Specification Stainless Steel AISI 316

Model no.:	WS101-S2-316	WS101-S3-316	WS101-S4-316
Nominal Size:	110 mm		
Pipe:	Stainless Steel AISI 316		
Membrane:	Silicone		
Fasteners:	Marine grade stainless steel (AISI 316)		

Technical data:	Soft (S2)	Standard (S3)	Hard (S4)
Max. back pressure*:	3 mmH ₂ O	5 mmH ₂ O	8 mmH ₂ O
Horizontal opening pressure*:	157 mmH ₂ O	203** mmH ₂ O	65** mmH ₂ O
Horizontal closing pressure*:	62 mmH ₂ O	65** mmH ₂ O	65** mmH ₂ O
Submerged opening pressure*:	110** mmH ₂ O	165** mmH ₂ O	185** mmH ₂ O
Submerged closing pressure*:	20** mmH ₂ O	10** mmH ₂ O	11** mmH ₂ O
Vertical opening pressure*:	210 mmH ₂ O	250** mmH ₂ O	275** mmH ₂ O
Vertical closing pressure*:	80** mmH ₂ O	90** mmH ₂ O	99** mmH ₂ O

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

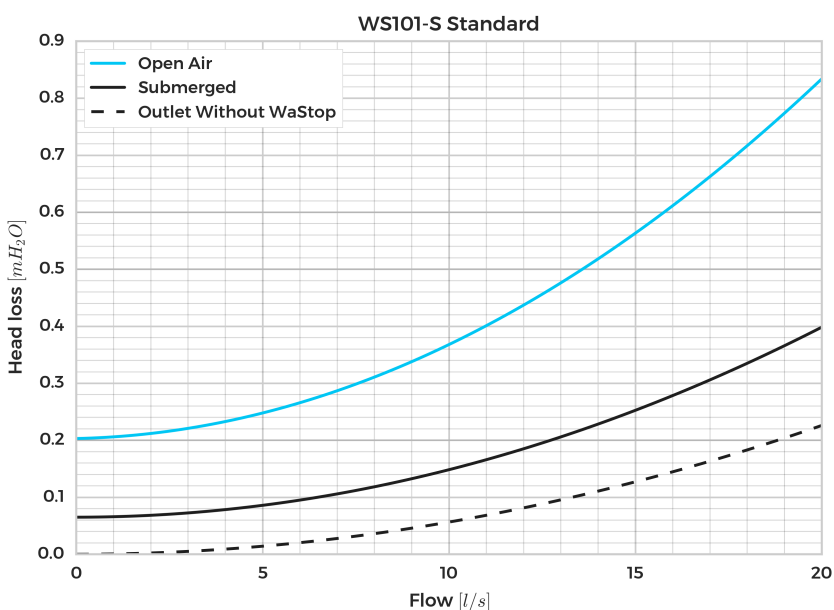
- Values measured from bottom of pipe.

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

Max Flow	m/s	l/s
	2	20

- Higher flows requires custom valve, contact Wapro

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

