

WaStop[®] Inline Check Valve Technical Specification Stainless Steel AISI 316

Model no.: WS97-S2-316 WS97-S3-316 WS97-S4-316

Nominal Size: 110 mm

Pipe: Stainless Steel AISI 316

Membrane: Silicone

Fasteners: Marine grade stainless steel (AISI 316)

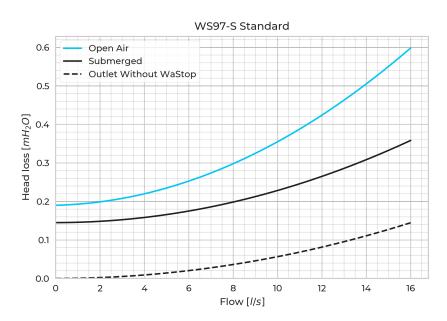
Technical data:	Soft (S2)	Standard (S3)	Hard (S4)
Max. back pressure*:	3 mH ₂ O	5 mH₂O	8 mH ₂ O
Horizontal opening pressure*:	160 mmH₂O	190** mmH₂O	210** mmH₂O
Horizontal closing pressure*:	70 mmH₂O	70** mmH₂O	75** mmH₂O
Submerged opening pressure*:	125** mmH₂O	145** mmH₂O	165** mmH₂O
Submerged closing pressure*:	15** mmH₂O	20** mmH₂O	25** mmH ₂ O
Vertical opening pressure*:	170 mmH₂O	220** mmH ₂ O	240** mmH ₂ O
Vertical closing pressure*:	75** mmH ₂ O	80** mmH₂O	88** mmH ₂ O

^{*) +/- 15% **)} Modeled value

- Values measured from bottom of pipe.
- Tests performed at room temperature (16-20°C).

Max Flow	m/s	I/s
	2	16

- 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.