



WaStop® Inline Check Valve Technical Specification Stainless Steel AISI 316

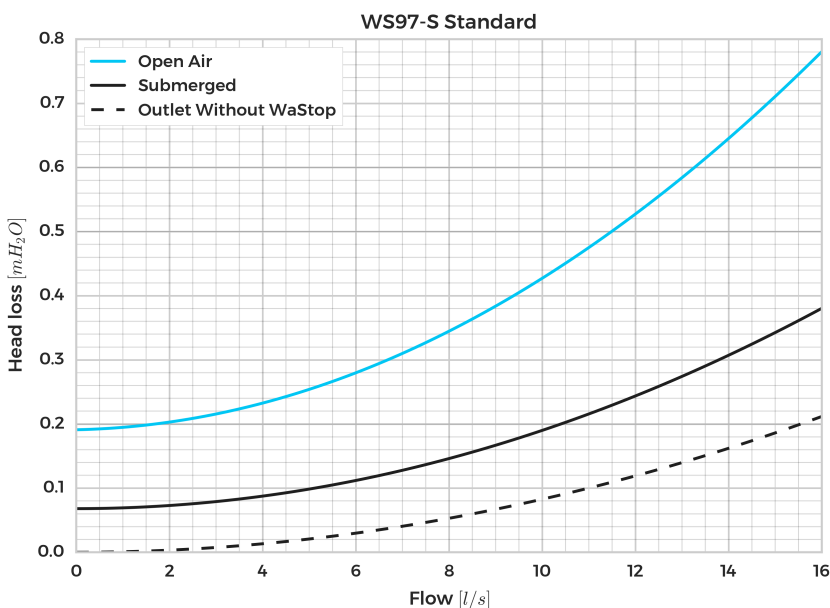
Model no.:	WS97-S2-316	WS97-S3-316	WS97-S4-316
Nominal Size:	100 mm		
Pipe:	Stainless Steel AISI 316		
Membrane:	Silicone		
Fasteners:	Marine grade stainless steel (AISI 316)		

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*:	165 mmH ₂ O	191** mmH ₂ O	214** mmH ₂ O
Horizontal closing pressure*:	66 mmH ₂ O	68** mmH ₂ O	76** mmH ₂ O
Submerged opening pressure*:	147** mmH ₂ O	169** mmH ₂ O	190** mmH ₂ O
Submerged closing pressure*:	29** mmH ₂ O	34** mmH ₂ O	38** mmH ₂ O
Vertical opening pressure*:	170 mmH ₂ O	220** mmH ₂ O	242** mmH ₂ O
Vertical closing pressure*:	75** mmH ₂ O	80** mmH ₂ O	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	l/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.

