



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

Model no.:	WS985-S2-304/316	WS985-S3-304/316	WS985-S4-304/316
Nominal Size:	1000 mm		
Pipe:	Stainless Steel AISI 304/316		
Membrane:	Polyurethane		
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*:	331 mmH ₂ O	401** mmH ₂ O	449** mmH ₂ O
Horizontal closing pressure*:	181 mmH ₂ O	262** mmH ₂ O	293** mmH ₂ O
Submerged opening pressure*:	183** mmH ₂ O	210** mmH ₂ O	235** mmH ₂ O
Submerged closing pressure*:	112** mmH ₂ O	128** mmH ₂ O	144** mmH ₂ O
Vertical opening pressure*:	405 mmH ₂ O	450** mmH ₂ O	495** mmH ₂ O
Vertical closing pressure*:	243** mmH ₂ O	270** mmH ₂ O	297** mmH ₂ O

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

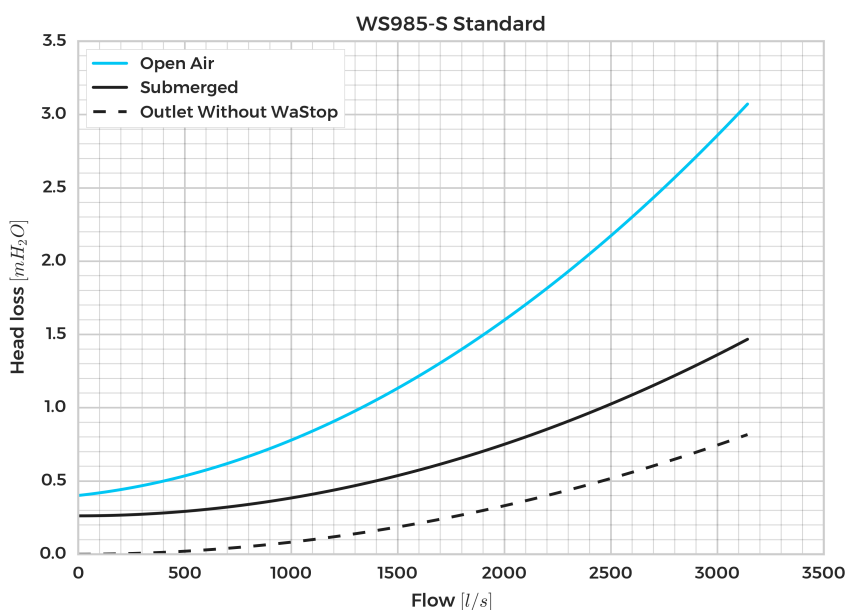
- Values measured from bottom of pipe.

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

Max Flow	m/s	l/s
	4	3142

- 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.

