

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

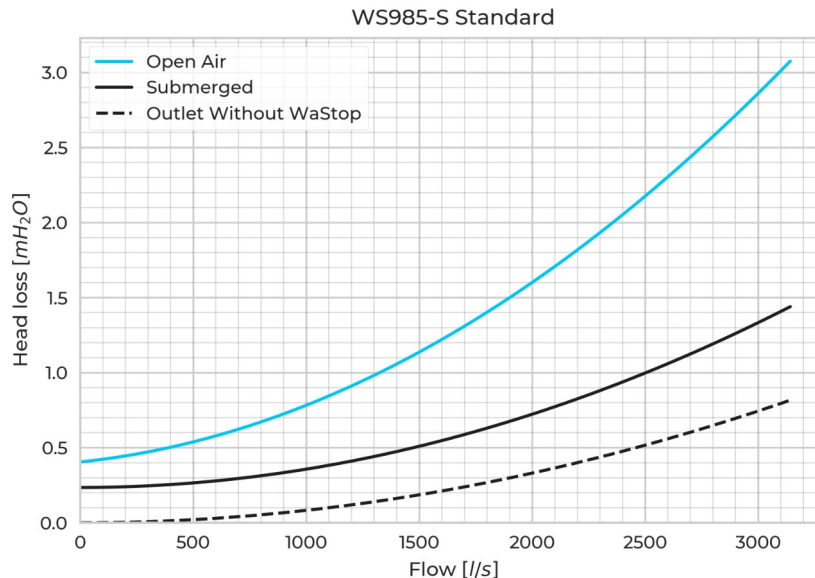
Model no.:	WS985-S3-304/316-SH	WS985-S4-304/316-SH
Nominal Size:	1000 mm	
Pipe:	Stainless Steel AISI 304/316	
Membrane:	Polyurethane	
Fasteners:	Marine grade stainless steel (AISI 316)	

Technical data:	Standard (S3)	Hard (S4)
Max. back pressure*:	3 mH ₂ O	3 mH ₂ O
Horizontal opening pressure*:	405** mmH ₂ O	455** mmH ₂
Horizontal closing pressure*:	265** mmH ₂ O	300** mmH ₂
Submerged opening pressure*:	235** mmH ₂ O	265** mmH ₂
Submerged closing pressure*:	80** mmH ₂ O	105** mmH ₂
Vertical opening pressure*:	450** mmH ₂ O	495** mmH ₂
Vertical closing pressure*:	270** mmH ₂ O	297** mmH ₂

*) +/- 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.