

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

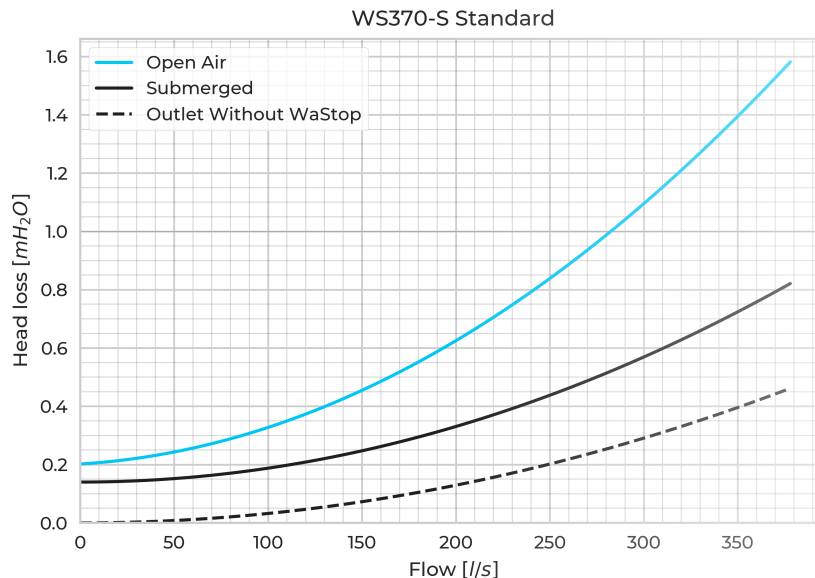
Model no.: WS370-S3-304/316 WS370-S4-304/316
Nominal Size: 400 mm
Pipe: Stainless Steel AISI 304/316
Membrane: Polyurethane
Fasteners: Marine grade stainless steel (AISI 316)

Technical data:	Standard (S3)	Hard (S4)
Max. back pressure*:	5 mmH ₂ O	8 mmH ₂ O
Horizontal opening pressure*:	232 mmH ₂ O	340 mmH ₂ O
Horizontal closing pressure*:	160 mmH ₂ O	170 mmH ₂ O
Submerged opening pressure*:	140** mmH ₂ O	245 mmH ₂ O
Submerged closing pressure*:	45** mmH ₂ O	50** mmH ₂ O
Vertical opening pressure*:	360** mmH ₂ O	395** mmH ₂ O
Vertical closing pressure*:	210** mmH ₂ O	230** 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
	3	378

- 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.

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HOLDING BACK
THE FLOOD