



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

Model no.:	WS1585-S2-304/316	WS1585-S3-304/316	WS1585-S4-304/316
Nominal Size:	1600 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*:	2 mH ₂ O	5 mH ₂ O	8 mH ₂ O
Horizontal opening pressure*:	519 mmH ₂ O	597** mmH ₂ O	669** mmH ₂ O
Horizontal closing pressure*:	333 mmH ₂ O	383** mmH ₂ O	429** mmH ₂ O
Submerged opening pressure*:	246** mmH ₂ O	283** mmH ₂ O	317** mmH ₂ O
Submerged closing pressure*:	167** mmH ₂ O	191** mmH ₂ O	214** mmH ₂ O
Vertical opening pressure*:	641 mmH ₂ O	713** mmH ₂ O	784** mmH ₂ O
Vertical closing pressure*:	401** mmH ₂ O	446** mmH ₂ O	490** 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
	5	10054

- 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.

