



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: 64
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*:	6,6 ft H ₂ O	16,4 ft H ₂ O	26,2 ft H ₂ O
Horizontal opening pressure*:	20,4 in H ₂ O	23,5** in H ₂ O	26,3** in H ₂ O
Horizontal closing pressure*:	13,12 in H ₂ O	15,1** in H ₂ O	16,9** in H ₂ O
Submerged opening pressure*:	9,7** in H ₂ O	11,1** in H ₂ O	12,5** in H ₂ O
Submerged closing pressure*:	6,6** in H ₂ O	7,5** in H ₂ O	8,4** in H ₂ O
Vertical opening pressure*:	25,2** in H ₂ O	28,1** in H ₂ O	30,9** in H ₂ O
Vertical closing pressure*:	15,8** in H ₂ O	17,6** in H ₂ O	17,6** in H ₂ O

*) +/- 15% **) Modeled value
 - Values measured from bottom of pipe.
 - Tests performed at room temperature (61-68°F).

Max Flow	f/s	GPM
	16	159360

- Higher flows requires custom valve, contact Wapro
 - Flange installation is highly recommended at flows above 6.5 f/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**