

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

Model no.: WS1385-S2-304/316 WS1385-S3-304/316 WS1385-S4-304/316

Nominal Size: 56

Pipe: Stainless Steel AISI 304/316

Membrane: Polyurethane

Fasteners: Marine grade stainless steel (AISI 316)

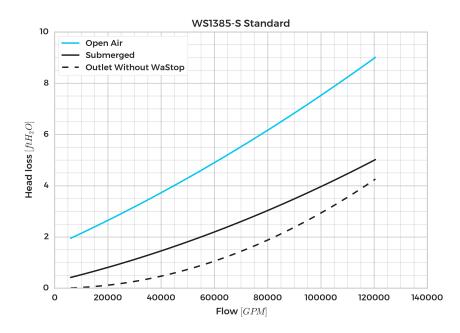
Technical data:	Soft (S2)	Standard (S3)	Hard (S4)
Max. back pressure*:	6,6 ft H ₂ O	16,4 ft H ₂ O	26,2 ft H ₂ O
Horizontal opening pressure*:	18,5 in H ₂ O	21,2** in H ₂ O	23,8** in H ₂ O
Horizontal closing pressure*:	11,84 in H ₂ O	13,6** in H₂O	15,2** in H ₂ O
Submerged opening pressure*:	9,1** in H ₂ O	10,4** in H₂O	11,7** in H ₂ O
Submerged closing pressure*:	5,9** in H ₂ O	6,8** in H₂O	7,6** in H ₂ O
Vertical opening pressure*:	23,3** in H ₂ O	25,9** in H ₂ O	28,5** in H ₂ O
Vertical closing pressure*:	14,6** in H ₂ O	16,2** in H₂O	16,2** 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	122015

- 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.