

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

Model no.:	N/A	WS1980-S3-304/316	N/A
Nominal Size:	80		
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*:	N/A ft H ₂ O	16,4 ft H ₂ O	N/A ft H ₂ O
Horizontal opening pressure*:	N/A in H ₂ O	29,3** in H ₂ O	N/A** in H ₂ O
Horizontal closing pressure*:	N/A in H ₂ O	18,9** in H ₂ O	N/A** in H ₂ O
Submerged opening pressure*:	N/A** in H ₂ O	13** in H ₂ O	N/A** in H ₂ O
Submerged closing pressure*:	N/A** in H ₂ O	9,4** in H ₂ O	N/A** in H ₂ O
Vertical opening pressure*:	N/A** in H ₂ O	N/A** in H ₂ O	N/A** in H ₂ O
Vertical closing pressure*:	N/A** in H ₂ O	N/A** in H ₂ O	N/A** 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	201680

- 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.