

## WaStop<sup>®</sup> Inline Check Valve Technical Specification Stainless Steel AISI 304/316

N/A

Model no.:	N/A	WS290-S3-304/316	
Nominal Size:	300 mm		
Pipe:	Stainless Steel AISI 304/316		
Membrane:	EPDM		
Fasteners:	Marine grade stainless steel (AISI 316)		

Technical data:	Soft (S2)	Standard (S3)	Hard (S4)
Max. back pressure*:	N/A mH <sub>2</sub> O	5 mH <sub>2</sub> O	N/A mH <sub>2</sub> O
Horizontal opening pressure*:	N/A mmH <sub>2</sub> O	237** mmH <sub>2</sub> O	N/A** mmH <sub>2</sub> O
Horizontal closing pressure*:	N/A mmH <sub>2</sub> O	162** mmH <sub>2</sub> O	N/A** mmH <sub>2</sub> O
Submerged opening pressure*:	N/A** mmH <sub>2</sub> O	145** mmH <sub>2</sub> O	N/A** mmH <sub>2</sub> O
Submerged closing pressure*:	N/A** mmH <sub>2</sub> O	45** mmH <sub>2</sub> O	N/A** mmH <sub>2</sub> O
Vertical opening pressure*:	N/A mmH <sub>2</sub> O	335** mmH <sub>2</sub> O	N/A** mmH <sub>2</sub> O
Vertical closing pressure*:	N/A** mmH <sub>2</sub> O	195** mmH <sub>2</sub> O	N/A** mmH <sub>2</sub> O

\*) +/- 15% \*\*) Modeled value

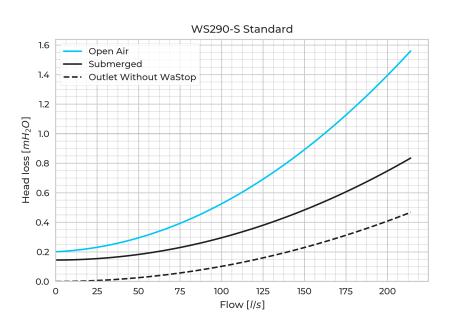
- Values measured from bottom of pipe.

- Tests performed at room temperature (16-20°C).

Max Flow	m/s	l/s
	3	214

- 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