

# WaStop® Inline Check Valve Technical Specification Stainless Steel AISI 316

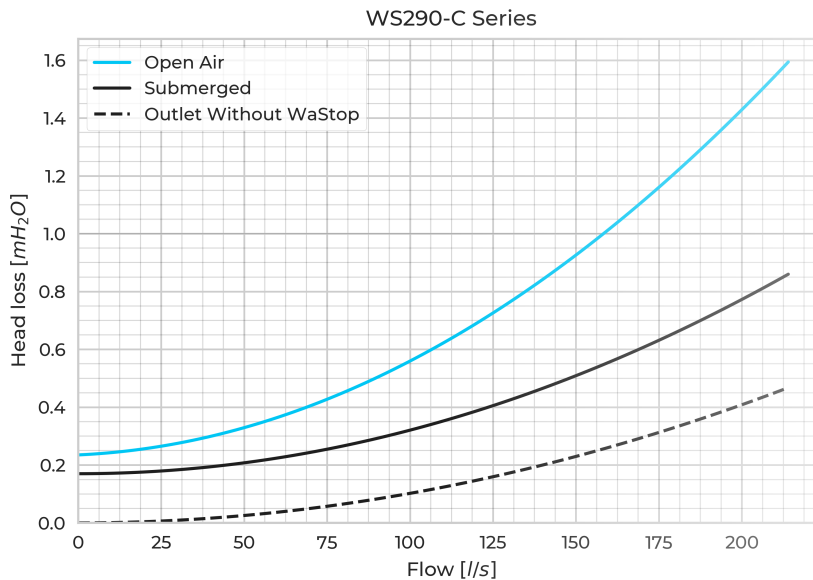
<b>Model no.:</b>	WS290-C3-304/316
<b>Nominal Size:</b>	300 mm
<b>Pipe:</b>	Stainless Steel AISI 316
<b>Membrane:</b>	EPDM
<b>Fasteners:</b>	Marine grade stainless steel (AISI 316)

<b>Technical data:</b>	C3
Max. back pressure*:	5 mH <sub>2</sub> O
Horizontal opening pressure*:	235** mmH <sub>2</sub> O
Horizontal closing pressure*:	145** mmH <sub>2</sub> O
Submerged opening pressure*:	170** mmH <sub>2</sub> O
Submerged closing pressure*:	45** mmH <sub>2</sub> O
Vertical opening pressure*:	335** mmH <sub>2</sub> O
Vertical closing pressure*:	195** mmH <sub>2</sub> O

\*) +/- 15% \*\*) Modeled value  
 - Values measured from bottom of pipe.  
 - Tests performed at room temperature (16-20°C).

<b>Max Flow</b>	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 [mmH<sub>2</sub>O / inH<sub>2</sub>O] 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