

## WaStop® Inline Check Valve Technical Specification PE

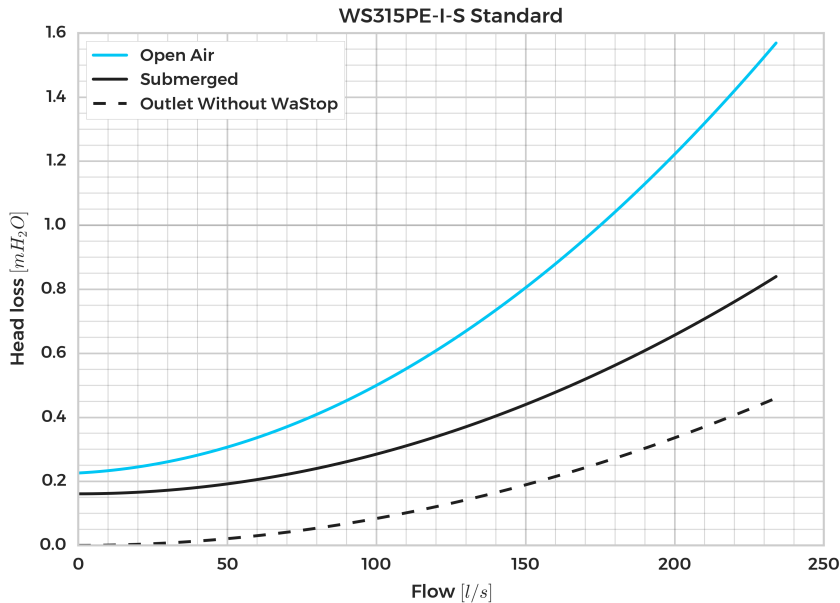
<b>Model no.:</b>	WS315PE-I-S2	WS315PE-I-S3	WS315PE-I-S4
<b>Nominal Size:</b>	315 mm		
<b>Pipe:</b>	PE		
<b>Membrane:</b>	Polyurethane		
<b>Fasteners:</b>	Marine grade stainless steel (AISI 316)		

Technical data:	Soft (S2)	Standard (S3)	Hard (S4)
Max. back pressure*:	3 mH <sub>2</sub> O	5 mH <sub>2</sub> O	8 mH <sub>2</sub> O
Horizontal opening pressure*:	197 mmH <sub>2</sub> O	226** mmH <sub>2</sub> O	253** mmH <sub>2</sub> O
Horizontal closing pressure*:	140 mmH <sub>2</sub> O	161** mmH <sub>2</sub> O	181** mmH <sub>2</sub> O
Submerged opening pressure*:	134** mmH <sub>2</sub> O	154** mmH <sub>2</sub> O	173** mmH <sub>2</sub> O
Submerged closing pressure*:	70** mmH <sub>2</sub> O	80** mmH <sub>2</sub> O	90** mmH <sub>2</sub> O
Vertical opening pressure*:	303 mmH <sub>2</sub> O	336** mmH <sub>2</sub> O	370** mmH <sub>2</sub> O
Vertical closing pressure*:	177** mmH <sub>2</sub> O	197** mmH <sub>2</sub> O	216** 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	234

- 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