



WaStop® Inline Check Valve Technical Specification PE

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

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

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

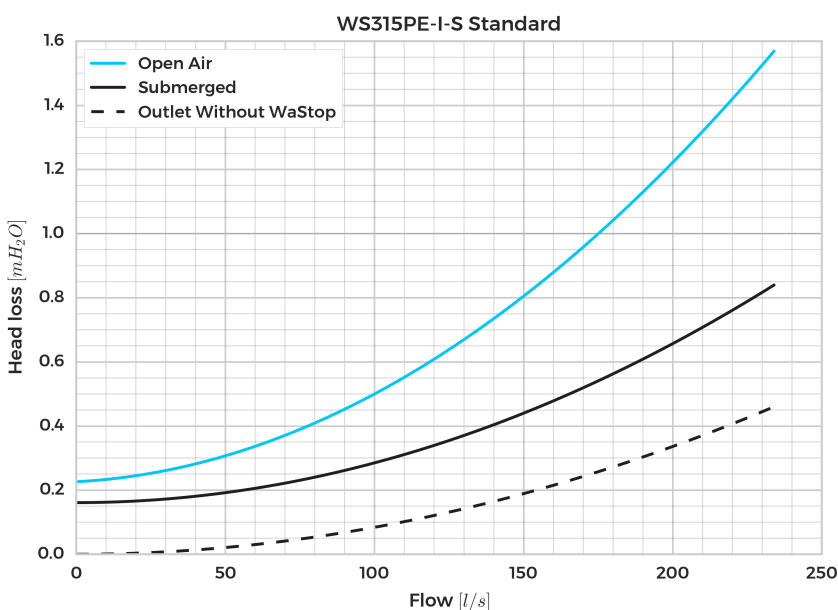
- Values measured from bottom of pipe.

- 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 [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.

