WaStop® Inline Check Valve Technical Specification PE

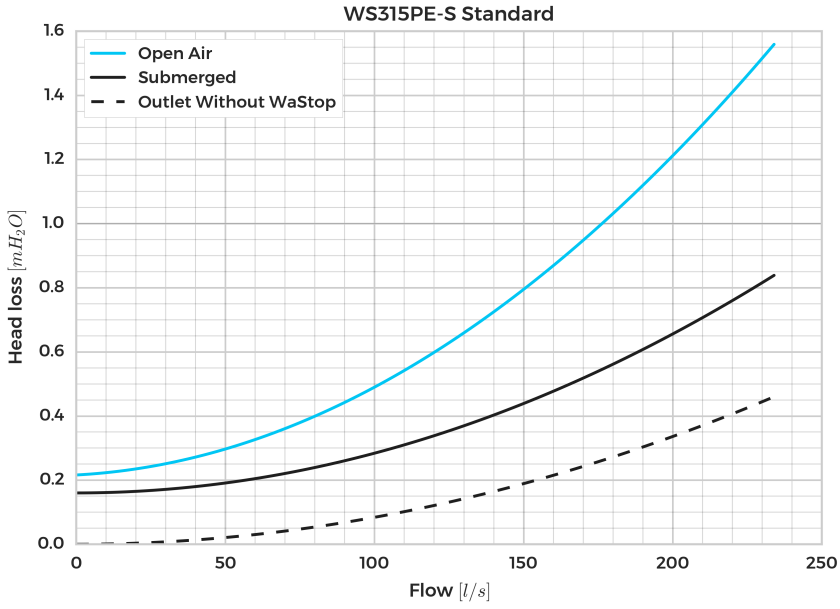
Model no.:	WS315PE-S2	WS315PE-S3	WS315PE-S4
Nominal Size:	315 mm		
Pipe:	PE		
Membrane:	Polyurethane		
Fasteners:	Marine grade stainless steel (AISI 316)		

Technical data:	Soft (S2)	Standard (S3)	Hard (S4)
Max. back pressure*:	3 mH_2O	5 mH_2O	8 mH_2O
Horizontal opening pressure*:	206 mmH_2O	216** mmH_2O	242** mmH_2O
Horizontal closing pressure*:	134 mmH_2O	160** mmH_2O	179** mmH_2O
Submerged opening pressure*:	134** mmH_2O	154** mmH_2O	173** mmH_2O
Submerged closing pressure*:	70** mmH_2O	80** mmH_2O	90** mmH_2O
Vertical opening pressure*:	303 mmH_2O	336** mmH_2O	370** mmH_2O
Vertical closing pressure*:	177** mmH_2O	197** mmH_2O	216** mmH_2O

*) +/- 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.

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