

WaStop® Inline Check Valve Technical Specification PP

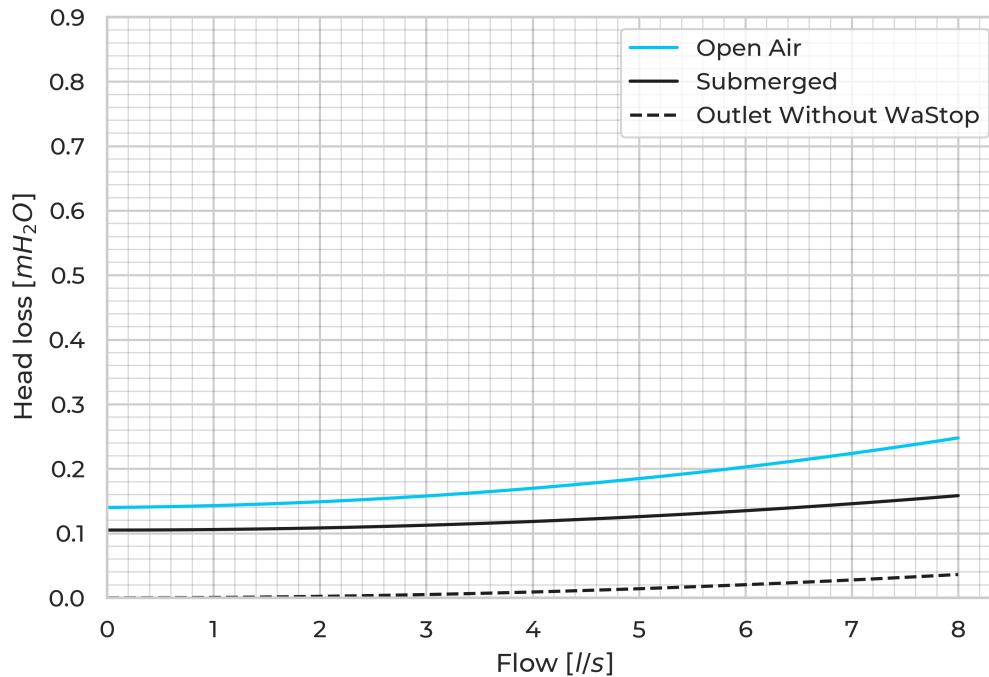
Model no.: WS110-RSD
Nominal Size: 110 mm
Pipe: PP
Membrane: EPDM
Fasteners: Marine grade stainless steel (AISI 316)

Technical data:	Standard (S3)
Max. back pressure*:	2 mH ₂ O
Horizontal opening pressure*:	145** mmH ₂ O
Horizontal closing pressure*:	60** mmH ₂ O
Submerged opening pressure*:	105** mmH ₂ O
Submerged closing pressure*:	20** mmH ₂ O
Vertical opening pressure*:	200** mmH ₂ O
Vertical closing pressure*:	100** 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
	0,75	7

- 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.