



WaStop® Inline Check Valve Technical Specification Stainless Steel AISI 304/316

Model no.:	WS790-S2-304/316	WS790-S3-304/316	WS790-S4-304/316
Nominal Size:	800 mm		
Pipe:	Stainless Steel AISI 304/316		
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*:	305 mmH ₂ O	339** mmH ₂ O	380** mmH ₂ O
Horizontal closing pressure*:	195 mmH ₂ O	221** mmH ₂ O	248** mmH ₂ O
Submerged opening pressure*:	170** mmH ₂ O	195** mmH ₂ O	218** mmH ₂ O
Submerged closing pressure*:	98** mmH ₂ O	113** mmH ₂ O	126** mmH ₂ O
Vertical opening pressure*:	431 mmH ₂ O	479** mmH ₂ O	527** mmH ₂ O
Vertical closing pressure*:	261** mmH ₂ O	290** mmH ₂ O	319** mmH ₂ O

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

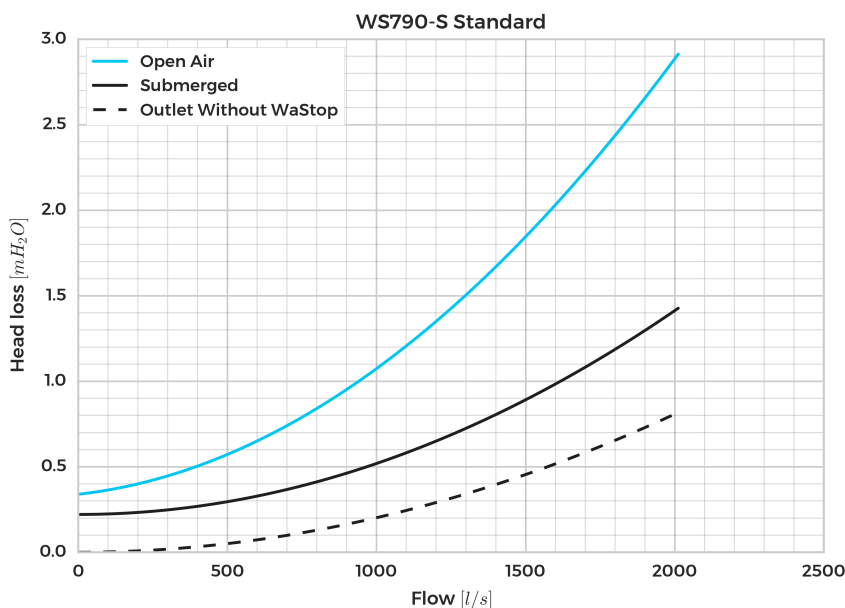
- Values measured from bottom of pipe.

- Tests performed at room temperature (16-20 °C).

Max Flow	m/s	l/s
	4	2012

- 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.

