



WaStop® Inline Check Valve Technical Specification Stainless Steel AISI 316

Model no.:	WS116-S2-316	WS116-S3-316	WS116-S4-316
Nominal Size:	125 mm		
Pipe:	Stainless Steel AISI 316		
Membrane:	Silicone		
Fasteners:	Marine grade stainless steel (AISI 316)		

Technical data:	Soft (S2)	Standard (S3)	Hard (S4)
Max. back pressure*:	3 mmH ₂ O	5 mmH ₂ O	8 mmH ₂ O
Horizontal opening pressure*:	179 mmH ₂ O	265** mmH ₂ O	297** mmH ₂ O
Horizontal closing pressure*:	74 mmH ₂ O	83** mmH ₂ O	93** mmH ₂ O
Submerged opening pressure*:	191** mmH ₂ O	220** mmH ₂ O	246** mmH ₂ O
Submerged closing pressure*:	39** mmH ₂ O	45** mmH ₂ O	50** mmH ₂ O
Vertical opening pressure*:	215 mmH ₂ O	257** mmH ₂ O	283** mmH ₂ O
Vertical closing pressure*:	83** mmH ₂ O	134** mmH ₂ O	148** mmH ₂ O

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

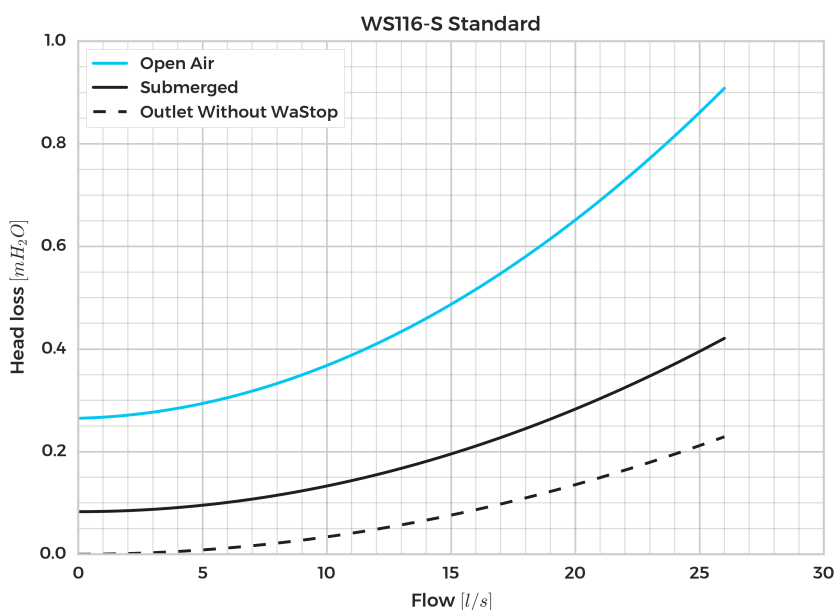
- Values measured from bottom of pipe.

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

Max Flow	m/s	l/s
	2	26

- 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.

