

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

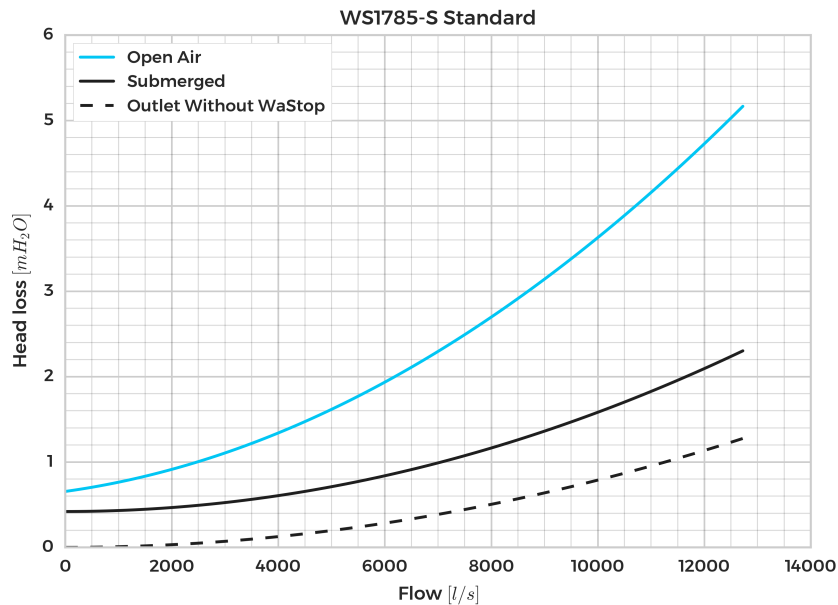
<b>Model no.:</b>	WS1785-S2-304/316	WS1785-S3-304/316	WS1785-S4-304/316
<b>Nominal Size:</b>	1800 mm		
<b>Pipe:</b>	Stainless Steel AISI 304/316		
<b>Membrane:</b>	Polyurethane		
<b>Fasteners:</b>	Marine grade stainless steel (AISI 316)		

Technical data:	Soft (S2)	Standard (S3)	Hard (S4)
Max. back pressure*:	2 mH <sub>2</sub> O	5 mH <sub>2</sub> O	8 mH <sub>2</sub> O
Horizontal opening pressure*:	570 mmH <sub>2</sub> O	655** mmH <sub>2</sub> O	733** mmH <sub>2</sub> O
Horizontal closing pressure*:	366 mmH <sub>2</sub> O	420** mmH <sub>2</sub> O	471** mmH <sub>2</sub> O
Submerged opening pressure*:	263** mmH <sub>2</sub> O	302** mmH <sub>2</sub> O	338** mmH <sub>2</sub> O
Submerged closing pressure*:	183** mmH <sub>2</sub> O	210** mmH <sub>2</sub> O	235** mmH <sub>2</sub> O
Vertical opening pressure*:	720 mmH <sub>2</sub> O	800** mmH <sub>2</sub> O	880** mmH <sub>2</sub> O
Vertical closing pressure*:	468** mmH <sub>2</sub> O	520** mmH <sub>2</sub> O	572** mmH <sub>2</sub> O

\*) +/- 15% \*\*) Modeled value  
 - Values measured from bottom of pipe.  
 - Tests performed at room temperature (16-20°C).

Max Flow	m/s	l/s
	5	12724

- Higher flows requires custom valve, contact Wapro  
 - Flange installation is highly recommended at flows above 2 m/s



In the submerged case opening pressure [mmH<sub>2</sub>O /inH<sub>2</sub>O] 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.