

WaStop® Inline Check Valve Technical Specification PE

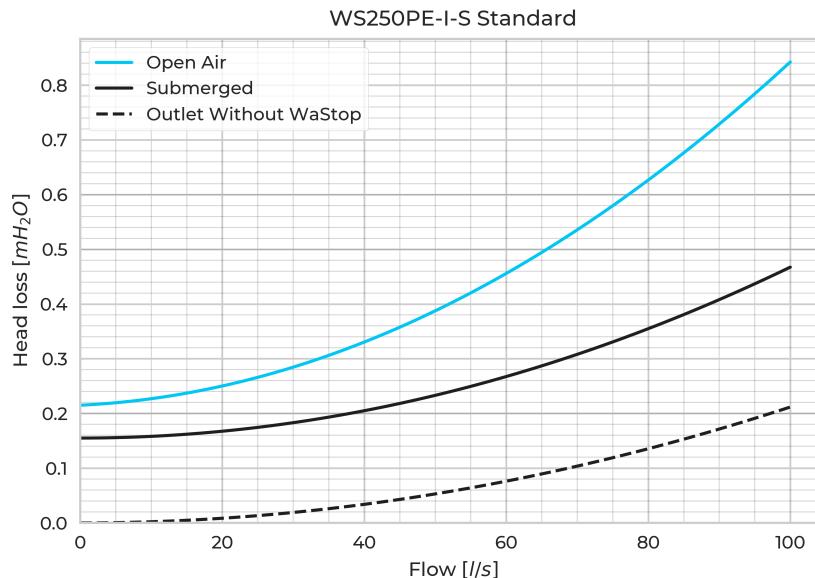
Model no.:	N/A	WS250PE-I-S3	N/A
Nominal Size:	250 mm		
Pipe:	PE		
Membrane:	EPDM		
Fasteners:	Marine grade stainless steel (AISI 316)		

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*:	185 mmH ₂ O	215** mmH ₂ O	240** mmH ₂ O
Horizontal closing pressure*:	120 mmH ₂ O	140** mmH ₂ O	155** mmH ₂ O
Submerged opening pressure*:	135** mmH ₂ O	155** mmH ₂ O	175** mmH ₂ O
Submerged closing pressure*:	35** mmH ₂ O	40** mmH ₂ O	50** mmH ₂ O
Vertical opening pressure*:	290 mmH ₂ O	320** mmH ₂ O	352** mmH ₂ O
Vertical closing pressure*:	170** mmH ₂ O	185** mmH ₂ O	205** 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	100

- 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.