

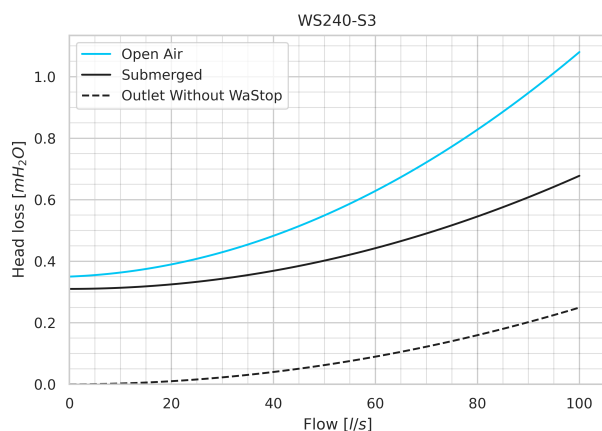
# WASTOP® INLINE CHECK VALVE

## TECHNICAL SPECIFICATION

Model no.	WS240-SH
Nominal Diameter	DN 250
Available valve body mtrl.	AISI 316, Marine grade Stainless Steel
Fasteners mtrl.	AISI 316, Marine grade Stainless Steel
Valve body length	350 mm
Valve body diameter	240 mm
Host pipe min.diameter	238 mm
Host pipe max.diameter	258 mm
Weight	6.10 kg
Max flow (velocity)	2 m/s
Max flow (volumetric)	100 l/s

Membrane	S3	S4
Max Back pressure (mH <sub>2</sub> O)	3	3
Horizontal opening pressure (mmH <sub>2</sub> O)	201	350
Horizontal closing pressure (mmH <sub>2</sub> O)	135	110
Submerged opening pressure (mmH <sub>2</sub> O)	125	310
Submerged closing pressure (mmH <sub>2</sub> O)	35	65
Vertical opening pressure (mmH <sub>2</sub> O)	320	345
Vertical closing pressure (mmH <sub>2</sub> O)	200	200
Available membrane mtrl.	PUR	PUR

- Tests performed at room temperature (16-20°C).
- Actual values may vary within +/- 15%.
- Reference point measured from bottom of pipe.
- Higher flows requires custom valve, contact Wapro
- Flange installation is highly recommended at flows above 6.5 f/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 inverted pipe.  
In vertical applications, the vertical opening pressure is measured from the outlet of the WaStop.

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HOLDING BACK  
THE FLOOD

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