

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

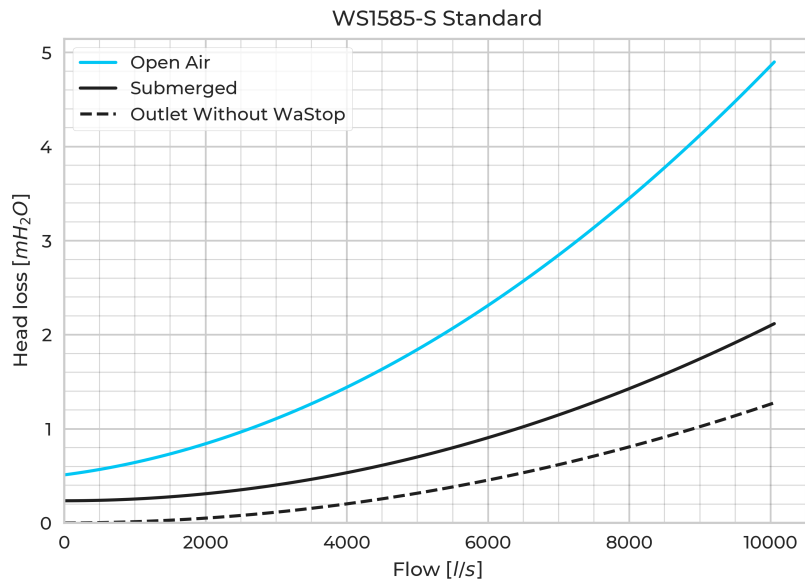
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|----------------------|---|-------------------|-------------------|
| Model no.: | N/A | WS1585-S3-304/316 | WS1585-S4-304/316 |
| Nominal Size: | 1600 mm | | |
| Pipe: | Stainless Steel AISI 304/316 | | |
| Membrane: | Polyurethane | | |
| Fasteners: | Marine grade stainless steel (AISI 316) | | |

| Technical data: | Soft (S2) | Standard (S3) | Hard (S4) |
|-------------------------------|--------------------------|--------------------------|--------------------------|
| Max. back pressure*: | N/A mH ₂ O | 5 mH ₂ O | 8 mH ₂ O |
| Horizontal opening pressure*: | N/A mmH ₂ O | 510** mmH ₂ O | 570** mmH ₂ O |
| Horizontal closing pressure*: | N/A mmH ₂ O | 315** mmH ₂ O | 355** mmH ₂ O |
| Submerged opening pressure*: | N/A** mmH ₂ O | 235** mmH ₂ O | 265** mmH ₂ O |
| Submerged closing pressure*: | N/A** mmH ₂ O | 95** mmH ₂ O | 125** mmH ₂ O |
| Vertical opening pressure*: | N/A mmH ₂ O | 800** mmH ₂ O | 784** mmH ₂ O |
| Vertical closing pressure*: | N/A** mmH ₂ O | 520** mmH ₂ O | 490** 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 |
|----------|-----|-------|
| | 5 | 10054 |

- 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.