

WaStop® Inline Check Valve Technical Specification Stainless Steel AISI 316

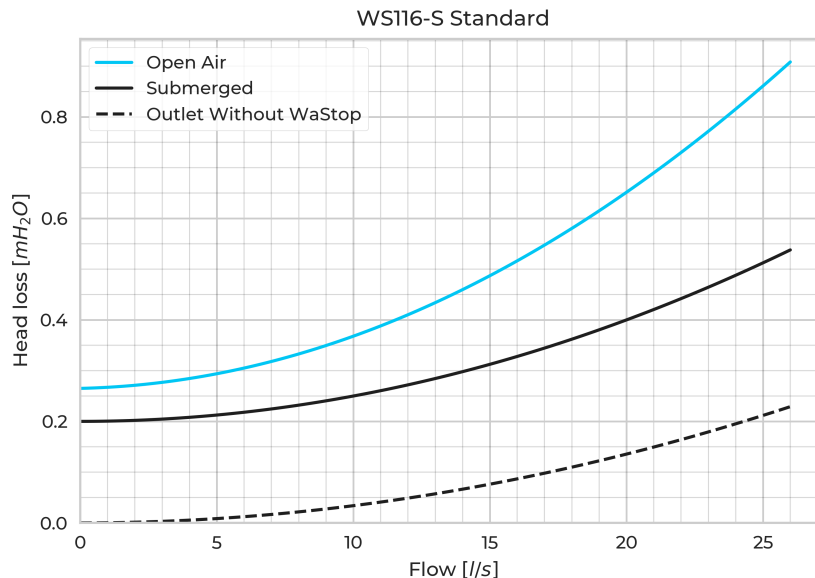
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|----------------------|---|-----------------|-----------------|
| Model no.: | WS116-S2-316-SH | WS116-S3-316-SH | WS116-S4-316-SH |
| Nominal Size: | 125 mm | | |
| Pipe: | Stainless Steel AISI 316 | | |
| Membrane: | Silicone | | |
| Fasteners: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

| Technical data: | Soft (S2) | Standard (S3) | Hard (S4) |
|-------------------------------|--------------------------|--------------------------|--------------------------|
| Max. back pressure*: | 2 mH ₂ O | 3 mH ₂ O | 3 mH ₂ O |
| Horizontal opening pressure*: | 180 mmH ₂ O | 295** mmH ₂ O | 295** mmH ₂ O |
| Horizontal closing pressure*: | 75 mmH ₂ O | 85** mmH ₂ O | 95** mmH ₂ O |
| Submerged opening pressure*: | 175** mmH ₂ O | 200** mmH ₂ O | 225** mmH ₂ O |
| Submerged closing pressure*: | 20** mmH ₂ O | 25** mmH ₂ O | 35** mmH ₂ O |
| Vertical opening pressure*: | 215 mmH ₂ O | 255** mmH ₂ O | 283** mmH ₂ O |
| Vertical closing pressure*: | 85** mmH ₂ O | 135** 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.