

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

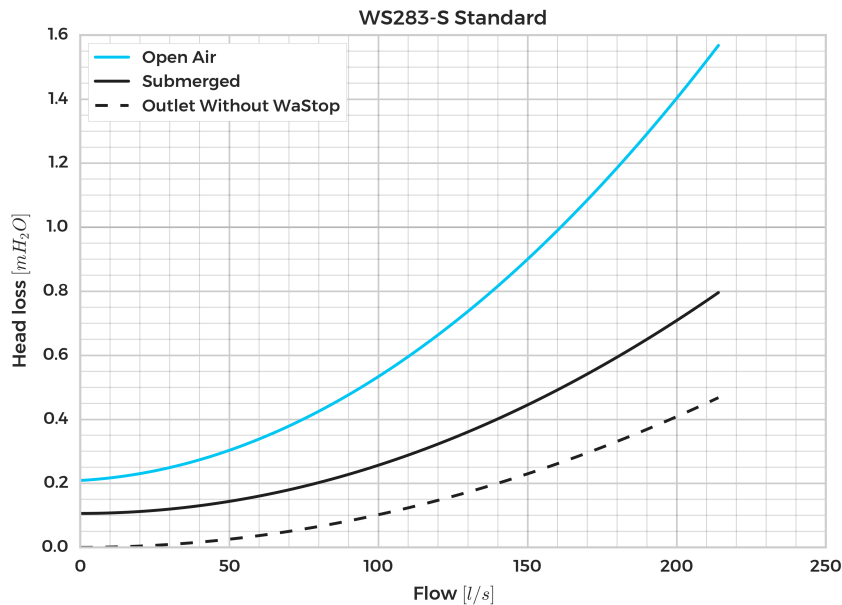
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|----------------------|---|------------------|------------------|
| Model no.: | WS283-S2-304/316 | WS283-S3-304/316 | WS283-S4-304/316 |
| Nominal Size: | 300 mm | | |
| Pipe: | Stainless Steel AISI 304/316 | | |
| Membrane: | Silicone | | |
| Fasteners: | 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*: | 191 mmH ₂ O | 209** mmH ₂ O | 234** mmH ₂ O |
| Horizontal closing pressure*: | 108 mmH ₂ O | 106** mmH ₂ O | 119** mmH ₂ O |
| Submerged opening pressure*: | 136** mmH ₂ O | 157** mmH ₂ O | 176** mmH ₂ O |
| Submerged closing pressure*: | 48** mmH ₂ O | 56** mmH ₂ O | 62** mmH ₂ O |
| Vertical opening pressure*: | 298 mmH ₂ O | 375** mmH ₂ O | 413** mmH ₂ O |
| Vertical closing pressure*: | 195** mmH ₂ O | 188** mmH ₂ O | 207** 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 |
|----------|-----|-----|
| | 3 | 214 |

- 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.