

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

N/A

| Model no.: | N/A | WS290-S3-304/316 | |
|---------------|---|------------------|--|
| Nominal Size: | 300 mm | | |
| Pipe: | Stainless Steel AISI 304/316 | | |
| Membrane: | EPDM | | |
| 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 | N/A mH ₂ O |
| Horizontal opening pressure*: | N/A mmH ₂ O | 237** mmH ₂ O | N/A** mmH ₂ O |
| Horizontal closing pressure*: | N/A mmH ₂ O | 162** mmH ₂ O | N/A** mmH ₂ O |
| Submerged opening pressure*: | N/A** mmH ₂ O | 145** mmH ₂ O | N/A** mmH ₂ O |
| Submerged closing pressure*: | N/A** mmH ₂ O | 45** mmH ₂ O | N/A** mmH ₂ O |
| Vertical opening pressure*: | N/A mmH ₂ O | 335** mmH ₂ O | N/A** mmH ₂ O |
| Vertical closing pressure*: | N/A** mmH ₂ O | 195** mmH ₂ O | N/A** mmH ₂ O |

*) +/- 15% **) Modeled value

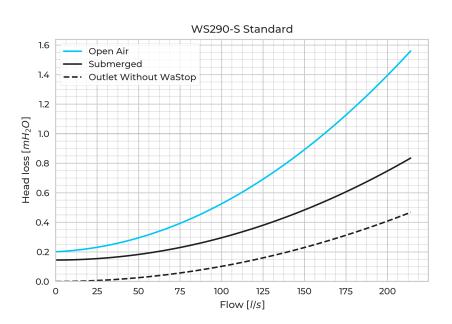
- Values measured from bottom of pipe.

- 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.

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HOLDING BACK THE FLOOD