

## WaStop<sup>®</sup> Inline Check Valve Technical Specification Stainless Steel AISI 304/316

N/A

| Model no.:    | N/A                                     | WS265-S3-304/316-SH |  |
|---------------|---|---------------------|--|
| Nominal Size: | 270 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 <sub>2</sub> O    | 3 mH <sub>2</sub> O      | N/A mH <sub>2</sub> O    |
| Horizontal opening pressure*: | N/A mmH <sub>2</sub> O   | 180** mmH <sub>2</sub> O | N/A** mmH <sub>2</sub> O |
| Horizontal closing pressure*: | N/A mmH <sub>2</sub> O   | 120** mmH <sub>2</sub> O | N/A** mmH <sub>2</sub> O |
| Submerged opening pressure*:  | N/A** mmH <sub>2</sub> O | 145** mmH <sub>2</sub> O | N/A** mmH <sub>2</sub> O |
| Submerged closing pressure*:  | N/A** mmH <sub>2</sub> O | 35** mmH <sub>2</sub> O  | N/A** mmH <sub>2</sub> O |
| Vertical opening pressure*:   | N/A mmH <sub>2</sub> O   | 320** mmH <sub>2</sub> O | N/A** mmH <sub>2</sub> O |
| Vertical closing pressure*:   | N/A** mmH <sub>2</sub> O | 200** mmH <sub>2</sub> O | N/A** mmH <sub>2</sub> O |

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

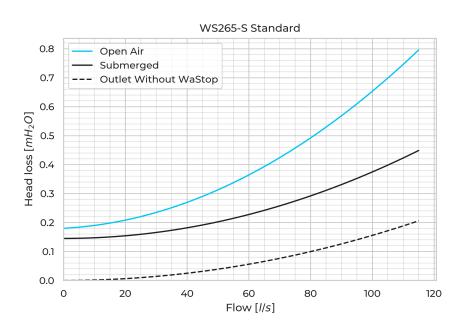
- Values measured from bottom of pipe.

- Tests performed at room temperature (16-20°C).

| Max Flow | m/s | l/s |
|----------|-----|-----|
|          | 2   | 115 |

- 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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