



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

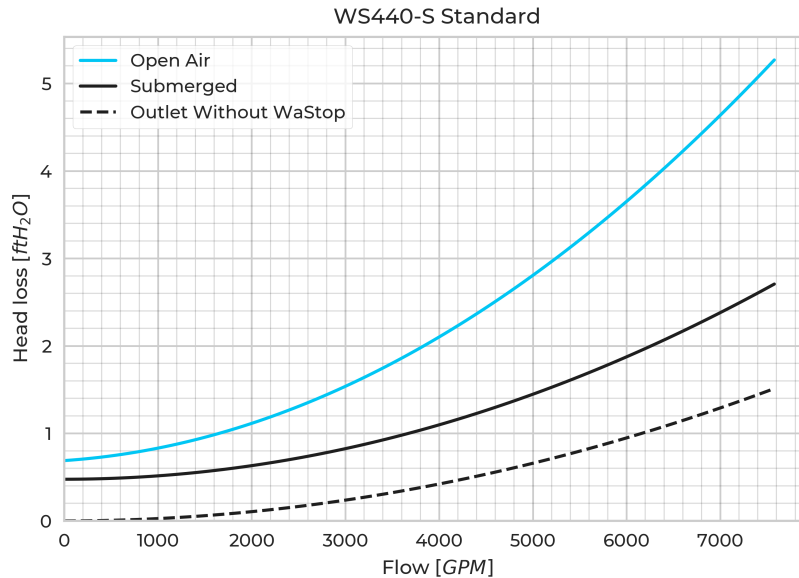
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|----------------------|---|------------------|------------------|
| Model no.: | WS440-S2-304/316 | WS440-S3-304/316 | WS440-S4-304/316 |
| Nominal Size: | 18 | | |
| Pipe: | Stainless Steel AISI 304/316 | | |
| Membrane: | Polyurethane | | |
| Fasteners: | Marine grade stainless steel (AISI 316) | | |

| Technical data: | Soft (S2) | Standard (S3) | Hard (S4) |
|-------------------------------|----------------------------|----------------------------|----------------------------|
| Max. back pressure*: | 9,8 ft H ₂ O | 16,4 ft H ₂ O | 26,2 ft H ₂ O |
| Horizontal opening pressure*: | 7,9 in H ₂ O | 8,3** in H ₂ O | 18,3** in H ₂ O |
| Horizontal closing pressure*: | 5,3 in H ₂ O | 5,7** in H ₂ O | 6,7** in H ₂ O |
| Submerged opening pressure*: | 4,9** in H ₂ O | 5,7** in H ₂ O | 6,5** in H ₂ O |
| Submerged closing pressure*: | 1,6** in H ₂ O | 1,8** in H ₂ O | 2,4** in H ₂ O |
| Vertical opening pressure*: | 13,6** in H ₂ O | 15,2** in H ₂ O | 16,6** in H ₂ O |
| Vertical closing pressure*: | 8,1** in H ₂ O | 9,1** in H ₂ O | 9,1** in H ₂ O |

*) +/- 15% **) Modeled value
 - Values measured from bottom of pipe.
 - Tests performed at room temperature (61-68°F).

| Max Flow | f/s | GPM |
|----------|-----|------|
| | 10 | 7580 |

- Higher flows requires custom valve, contact Wapro
 - Flange installation is highly recommended at flows above 6.5 f/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