



WASTOP® INLINE CHECK VALVE

WaStop 590

| | |
|--------------------------|-----------|
| Model Name | WS590 |
| Nominal Diameter | NPS 24 |
| Fasteners mtrl. | AISI 316L |
| Gasket | EPDM |
| Weight [lb] | 114.6 |
| Min. ID Host Pipe [in] | 23.2 |
| Max. ID Host Pipe [in] | 24.1 |
| Max. Flow Velocity [fps] | 13.1 |
| Max. Flow Volume [cfs] | 39.98 |

Product Variants

| Art. No | WS590-S2-304/316 | WS590-S3-304/316 | WS590-S4-304/316 |
|--|----------------------|----------------------|----------------------|
| Membrane mtrl. | Polyurethane | Polyurethane | Polyurethane |
| Valve Body | AISI 316L / AISI 304 | AISI 316L / AISI 304 | AISI 316L / AISI 304 |
| Max. Back Pressure [ftH ₂ O] | 9.8 | 16.4 | 26.2 |
| Horizontal Opening [inH ₂ O] | 11.0 | 12.0 | 14.0 |
| Horizontal Closing [inH ₂ O] | 6.9 | 7.8 | 9.6 |
| Submerged Opening [inH ₂ O] | 8.1 | 9.3 | 10.4 |
| Submerged Closing [inH ₂ O] | 2.6 | 3.0 | 3.9 |
| Vertical Opening [inH ₂ O] | 15.0 | 16.7 | 18.4 |
| Vertical Closing [inH ₂ O] | 9.1 | 10.0 | 11.1 |
| CO ₂ Equivalent (CO ₂ e) [lb CO ₂ e/unit] | 541.1 | 606.7 / 606.8 | - |

