



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]	541.9 / 541.2	606.7	552.7 / 551.8
Weight [lb]	116.7 / 116.4	116.4	118.3 / 118.4

