



WASTOP® INLINE CHECK VALVE

WaStop 590

Model Name	WS590	Max. ID Host Pipe [mm]	613
Nominal Diameter	DN 600	Min. ID Host Pipe [mm]	590
Max. Flow Velocity [m/s]	4	Fasteners mtrl.	EN 1.4404
Weight [kg]	52	Gasket	EPDM
Max. Flow Volume [m³/s]	1.13		

Product Variants

Name	WS590-S2-304/316	WS590-S3-304/316	WS590-S4-304/316
Membrane mtrl.	Polyurethane	Polyurethane	Polyurethane
Valve Body	EN 1.4404 / EN 1.4301	EN 1.4404 / EN 1.4301	EN 1.4404 / EN 1.4301
Max. Back Pressure [mH ₂ O]	3	5	8
Horizontal Opening [mmH ₂ O]	280	305	355
Horizontal Closing [mmH ₂ O]	175	200	245
Submerged Opening [mmH ₂ O]	205	235	265
Submerged Closing [mmH ₂ O]	65	75	100
Vertical Opening [mmH ₂ O]	380	425	465
Vertical Closing [mmH ₂ O]	230	255	280
CO ₂ Equivalent (CO ₂ e) [kg CO ₂ e/unit]	245.5 / 245.8	275.2	250.7 / 250.3

