



WASTOP® INLINE CHECK VALVE

WaStop 590

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

Product Variants

Art. No	WS590-S2-304/316	WS590-S3-304/316	WS590-S4-304/316
Membrane mtrl.	Polyurethane	Polyurethane	Polyurethane
Valve Body	EN 1.4301 / EN 1.4404	EN 1.4301 / EN 1.4404	EN 1.4301 / EN 1.4404
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]	245.8 / 245.5	275.2	250.7 / 250.3
Weight [kg]	52.8 / 52.9	52.8	53.7

