

### Components

- 1** Protection cap
- 2** Adjustment mechanics
- 3** Spring
- 4** Cap
- 5** Shutter cartridge:
  - Plastics
  - Gasket and membrane
  - Stem and washers
- 6** Body
- 7** G 1/4 "F fitting for pressure gauge

### Material

- PA6 (15% GF)
- UNI EN 12164 CW617N - DW
- AISI 302 Stainless steel
- PA66 (30% FV)
- Hostaform
- EPDM 70 WRAS
- AISI 304 Stainless steel
- UNI EN 12165 CW617N - DW
- UNI EN 12165 CW617N - DW
- UNI EN 12164 CW617N - DW

Diagram of pressure drops: see technical attachments.

## EXPORT - COMPENSATED PRESSURE REDUCERS

Membrane pressure reducer equipped with stopper with compensated surfaces.

This measure ensures stability of outlet pressure regardless of variations in upstream pressure.

The stopper is made of synthetic material with a low friction coefficient to reduce the formation of lime build-up, which is the main cause of malfunctions. The stopper cartridge, which can be entirely replaced, and the seal gaskets of the body can however all be removed and serviced without having to remove the reducer from the system.

Available with connections to pipes with male/female double threading.

The pressure reducers can work with maximum upstream pressure of 25 bar with minimum downstream pressure of 1 bar and a maximum of 6 bar.

They are calibrated at the test bench with an upstream pressure of 8 bar and 3 bar downstream, with 100% testing prior to packaging.

The default calibration can be changed by loosening the upper screw to decrease pressure or by tightening it to increase pressure.

The reducer body are standard equipped with fittings for the gauge for the control of downstream pressure (thread G 1/4" female).

Upstream from the reducer it is advisable to install a silt filter to collect any impurities in the water. This will ensure longer life of the reducer.

### EN GENERAL CHARACTERISTICS

Maximum upstream pressure: 25 bar

Downstream pressure: 1 ÷ 6 bar

Maximum temperature: 70°C

Preset at the outlet to 3 bar

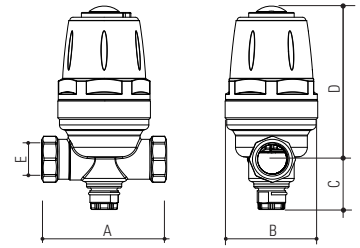
External connection Male thread of reducer ISO 228/1 (DIN 259)

Internal connection Female thread of reducer ISO 228/1 (DIN 259)

For special uses (in accordance with the pressure values established for these pressure reducers and the compatibility of the various fluids with the materials the item is made of) see the chemical compatibility table in the technical annexes.

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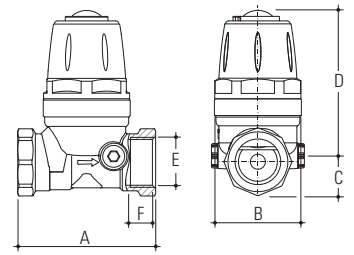
Pressure reducer Female-Female without pipe unions, sand-blasted.



CODE	Size	DN	A mm	B mm	C mm	D mm	E	Pack pcs/box
8719S004	1/2"	15	78	58	31,5	96	1/2"	1
8719S005	3/4"	20	86	58	32,5	96	3/4"	1

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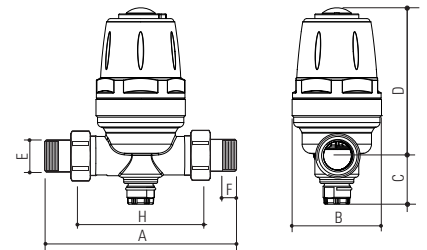
Pressure reducer Female-Female without pipe unions, sand-blasted.



CODE	Size	DN	A mm	B mm	C mm	D mm	E	F mm	Pack pcs/box
8721S006	1"	25	92	62	23	102	1"	16,8	1

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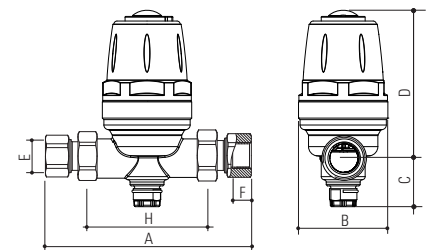
Pressure reducer complete with male pipe unions, sandblasted.



CODE	Size	DN	A mm	B mm	C mm	D mm	E	F mm	H mm	Pack pcs/box
8718S004	1/2"	15	132	58	31,5	96	1/2"	8	78	1
8718S005	3/4"	20	146	58	32,5	96	3/4"	10	86	1

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Pressure reducer complete with female pipe unions, sandblasted.



CODE	Size	DN	A mm	B mm	C mm	D mm	E	F mm	H mm	Pack pcs/box
8717S004	1/2"	15	156	70	24	93	1/2"	15	92	1
8717S005	3/4"	20	165	70	25	93	3/4"	16,3	96	1