

ECON® Pressure reducing valve Type 8231 bronze internal thread

Characteristics

Type: 8231
Model: Direct-acting
Connection: External thread
Maximum inlet pressure: 40 bar
Medium temperature: -20 / 120 °C
Suitable for gases: 1
Housing material: Bronze
Material quality: CC499K
Material disc: Bronze
Seat material: Bronze
Membrane material: EPDM
Spring material: Spring steel
Material spring bonnet: Bronze
Filter element material: 1.4404
With couplers: No
Backflow preventer: No

Application

Media for versions with EPDM diaphragm:

- Air.
- Hot water.
- Neutral and non-adhesive liquids.
- Neutral gases and vapours.

Media for version with optional FPM diaphragm:

- Non-neutral liquids.
- Oils.
- Compressed air with aerosol oil.
- Fuels.

Fields of application:

- Process water facility industry.
- Process water facility building.
- Sprinkler system.
- Drinking water applications.
- Maritime industry.
- Recommended in: Food & Beverages

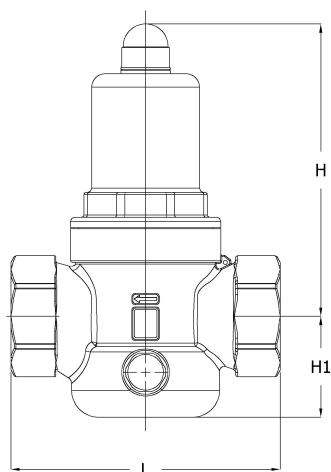
Technical Information

- Suitable for drinking water in accordance with DIN 1988.
- EPDM diaphragm fitted as standard.

Options

- Version with FPM diaphragm.
- Manual adjustment knob.

Size table:



Dimension	P bar	H mm	H1 mm	L mm
1/2" BSPP(G)	0.5 / 2	33	128	85
1/2" BSPP(G)	1 / 8	33	102	85
1/2" BSPP(G)	5 / 15	33	102	85
1" BSPP(G)	0.5 / 2	45	150	105
1" BSPP(G)	5 / 15	45	130	105
1" BSPP(G)	1 / 8	45	130	105
3/4" BSPP(G)	0.5 / 2	33	128	95
3/4" BSPP(G)	5 / 15	33	102	95
3/4" BSPP(G)	1 / 8	33	102	95

Connection size	Reduced pressure range bar	Article
1/2" BSPP(G)	0.5 / 2	13456120
1/2" BSPP(G)	1 / 8	13456121
1/2" BSPP(G)	5 / 15	13456122
1" BSPP(G)	0.5 / 2	13456126
1" BSPP(G)	5 / 15	13456128
1" BSPP(G)	1 / 8	13456127
3/4" BSPP(G)	0.5 / 2	13456123
3/4" BSPP(G)	5 / 15	13456125
3/4" BSPP(G)	1 / 8	13456124

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