

# **ECON®** Pressure reducing valve Type 8241 stainless steel internal thread

#### **Characteristics**

**Type:** 8241

Model: Direct-acting Connection: External thread Maximum inlet pressure: 40 bar Medium temperature: -20 / 120 °C

Suitable for gases: 1

Housing material: Stainless steel

Material quality: 1.4408 Material disc: 1.4408 Seat material: 1.4408 Membrane material: EPDM Spring material: Spring steel

Material spring bonnet: Stainless steel

Filter element material: 1.4404

With couplers: No **Backflow preventer: No** 





# **Application**

#### Media for versions with EPDM diaphragm:

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

## Media for versions with NBR 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.
- Secondary systems for the food industry.
- Secondary systems for the pharmaceutical industry.

#### **Technical Information**

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

#### **Options**

- Version with FPM diaphragm.
- Manual adjustment knob.



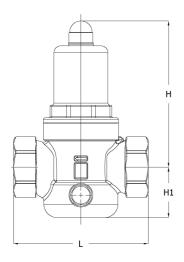
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# Pressure reducing valves self-acting | Pressure reducing valves threaded



## Size table:

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

Connection size	Reduced pressure range	Article
	bar bar	
1/2" BSPP(G)	5 / 15	13456149
1/2" BSPP(G)	0.5 / 2	13456147
1/2" BSPP(G)	1/8	13456148
1" BSPP(G)	1/8	13456154
1" BSPP(G)	5 / 15	13456155
1" BSPP(G)	0.5 / 2	13456153
3/4" BSPP(G)	0.5 / 2	13456150
3/4" BSPP(G)	1/8	13456151
3/4" BSPP(G)	5 / 15	13456152

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