

# 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 1988.
- EPDM diaphragm fitted as standard.

# Options

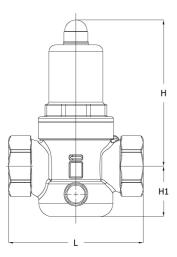
- Version with FPM diaphragm.
- Manual adjustment knob.

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



Dimension	Р	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 bar	Article
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

Size table:

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