

SPRINGLOADED BACKPRESSURE REGULATOR BS(H)8

GASES • WATER • ACIDS • OIL



MAIN FEATURES

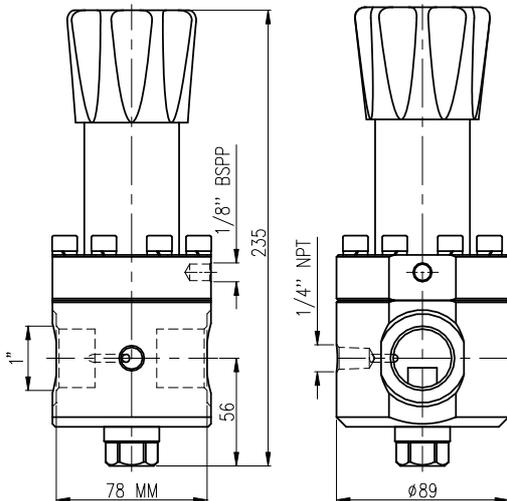
- ss 316L
- diaphragm (0-14 bar) or piston sensing (0-360 bar)
- 9 set pressure ranges
- bubble tight shut-off
- choice of o-ring materials
- shell design according to EN 12516
- delivery according to PED

CHARACTERISTICS

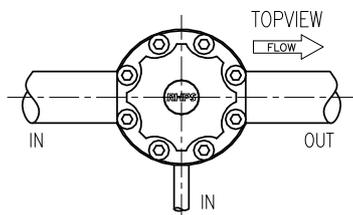
Max. pressure	: 70 bar, 400 bar
Set pressure range	: 0 – 360 bar
Seat diameter:	: 5 mm : range 80-360 bar
	: 10 mm : range 0-80 bar
Cv (Kv):	: 5 mm : 0.49 (0.42)
	: 10 mm : 1.95 (1.66)

Materials:

• Body & Trim	: ss 316L
• Springhousing	: ss 316L
• Seat	: pctfe, peek
• Seals & Diaphragm	: elastomer
Connections	: 1" bspp, flanges to DIN/ANSI B16.5
Gauge port	: 1/4" npt
Weight	: 4,5 kg (without flanges)
Temperature range	: -20 to + 80°C *



PORTING STYLE



CLEANING

This regulator is ultrasonically cleaned and degreased. Oxygen cleaning based on ASTM-G93 Level C / CGA 4.1 is optional.

Do not use teflon tape or anaerobic sealing compounds on the bspp threads.

This is not a safety valve!

* Actual range depends on choice of seat and seal material.



Swagelok regulators are not "Safety Accessories" as defined in the Pressure Equipment Directive 97/23/EC:



Do not use the regulator as a shut off device.

RHPS Series

Swagelok

