



Description Inline pressure regulator with factory-set outlet pressure, reducing from e.g. 15 bar to 5 bar. Pressure stability with differential flow rate is only guaranteed on regulator R23/R24. The regulator R13 is suited for basic pressure control only. All regulators have no air consumption. Outlet pressure tolerance on R13: 30%, R23/R24: 10%.

Benefits

- Higher safety through lower pressure. Tools and equipment protected against pressure damages.
- Cost-reduction through substantially reduced air consumption. Longer service life.
- Noise reduction for tools.

Relieving Only R24 regulator has relieving. Recommended for applications without permanent flow e.g. nailers. Select the pressure regulator according to the desired outlet pressure.

Pressure setting The outlet pressure cannot be subsequently adjusted. This safeguards against tampering.

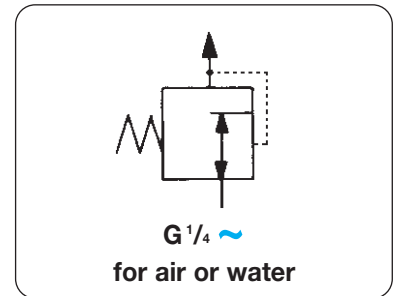
Supply pressure max. 15 bar for R13 max. 18 bar for R23 max. 25 bar for R24

Temperature -40 °C to 60 °C / -40 °F to 140 °F with NBR seal **K_v-value:** 0.25 (m³/h)

Material of R13/R24 Brass body R13, aluminium body R24, NBR seals. Seals of Viton or EPDM optionally available

Material of R23 Body of cadmium-plated steel. Valve seat of Santoprene, temperature-resistant up to 120 °C, silicone-free.

Media Neutral gases and liquids for R23-02W



Dimensions			Connection	Supply pressure	Flow rate	Outlet pressure	Order number
H	Ø	Hex	thread	max. bar	l/min*	bar	
mm	mm	mm	in / out				

Basic accuracy regulator				supply max. 15 bar, non-relieving outlet pressure ± 30%,	R13		
34	17	17	G 1/4	15	100	1	R13-02C
34	17	17	G 1/4	15	100	2	R13-02D
34	17	17	G 1/4	15	100	3	R13-02E
34	17	17	G 1/4	15	100	4	R13-02F
34	17	17	G 1/4	15	100	5	R13-02G
34	17	17	G 1/4	15	100	6	R13-02H
34	17	17	G 1/4	15	100	7	R13-02I
34	17	17	G 1/4	15	100	8	R13-02K
34	17	17	G 1/4	15	100	10	R13-02M



R13-02H

Good accuracy regulator				supply max. 18 bar, non-relieving outlet pressure ± 10%	R23		
52	34	17	G 1/4	18	700	1	R23-02C
52	34	17	G 1/4	18	700	2	R23-02D
52	34	17	G 1/4	18	700	3	R23-02E
52	34	17	G 1/4	18	700	4	R23-02F
52	34	17	G 1/4	18	700	5	R23-02G
52	34	17	G 1/4	18	700	6	R23-02H
52	34	17	G 1/4	18	700	7	R23-02I
52	34	17	G 1/4	18	700	8	R23-02K



R23-02F

R23-02EW

Regulator with relieving				supply max. 25 bar, aluminium outlet pressure ± 30%, port inside/outside	R24		
50	19	16	G 1/4	25	700	4	R24-02F
50	19	16	G 1/4	25	700	6	R24-02H
50	19	16	G 1/4	25	700	8	R24-02K



R24-02H with relieving

Special options add the appropriate letter

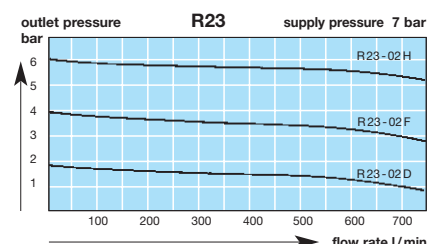
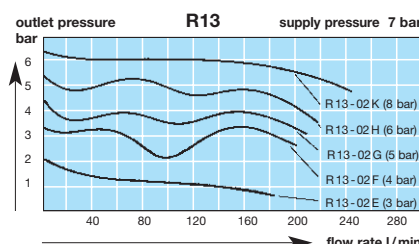
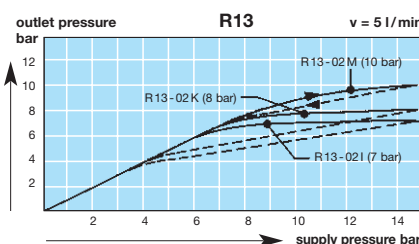
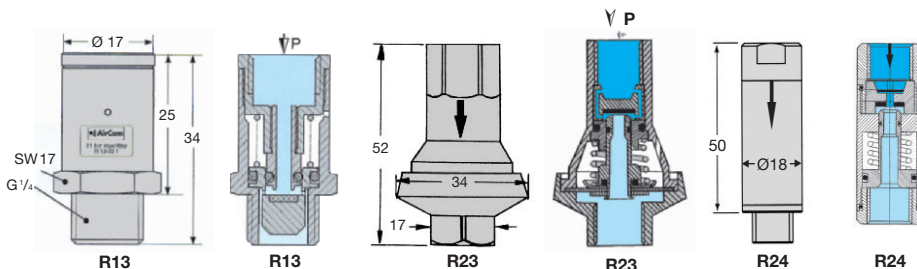
for water*2 nickel-plated brass, P₁ max. 10 bar, 4 l/min **W** R23-02 . W

connection i/i G 1/4 inside on both sides **Z** R24-02 . Z

options other pressure ranges or for oxygen, Viton, EPDM **E** R24-02 . E



R13



* at 7 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop

2 outlet pressure 1, 2, 3 and 4 bar

Order example:
R13-02F