

Description Diaphragm precision pressure regulator of very small design and low air consumption compressed air or non-corrosive gases

Media max. 10 bar

Supply pressure response sensitivity: $\pm 0.2\%$ FS

Accuracy repeatability: $\pm 0.3\%$ FS

Air consumption supply sensitivity: 35 mbar for a 7 bar supply pressure change

Adjustment max. 3 l/min at 10 bar supply pressure. Consumption depends on supply pressure.

Relieving function by handwheel with locknut

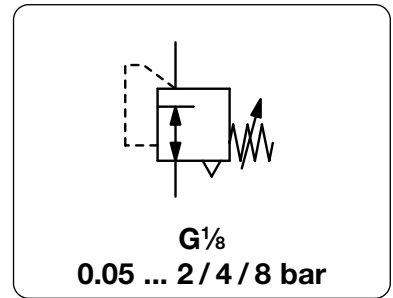
Gauge port relieving

Mounting position G $\frac{1}{8}$ on both sides of the body, screw plug supplied

Temperature range any

Material -18 °C to 71 °C / -0.4 °F to 159.8 °F

Body: zinc die-cast
Elastomer: NBR/Buna-N
Inner valve: stainless steel and brass



Dimensions			Flow rate	Supply pressure	Connection thread	Pressure range	Order number
A	B	C	l/min*1	max. bar	G / flange	bar	

Precision pressure regulator							supply pressure max. 10 bar, relieving, with constant bleed	R90
35	94	10	200	10	G $\frac{1}{8}$	0.05...2	R90-01A	
						0.08...4	R90-01B	
						0.10...8	R90-01C	



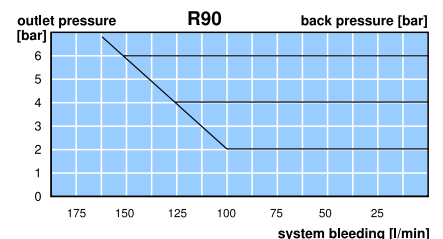
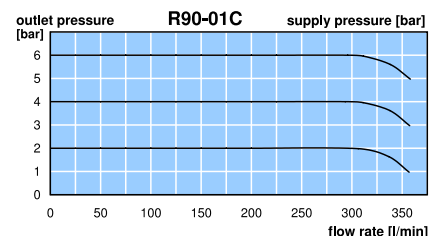
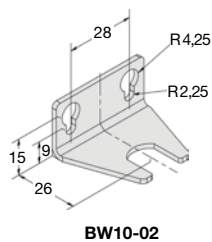
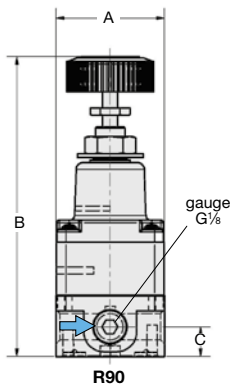
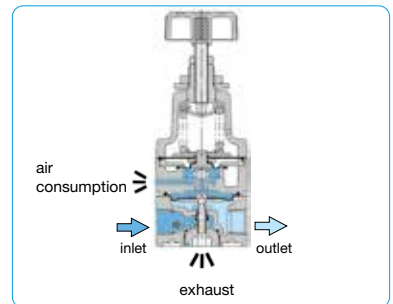
R90

Special options, add the appropriate letter

NPT	connection thread	R90-01.N
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Accessories, enclosed

pressure gauge	$\varnothing 23$ mm, 0...*2 bar, G $\frac{1}{8}$	MA2301-...*2
mounting bracket	made of steel, mounting nut at the device	BW10-02



*1 for compressed air : 7 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop
*2 04 = 0...4 bar, 10 = 0...10 bar

Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net

* Product group



Order example:
R90-01A