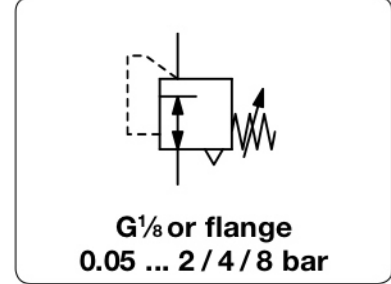


R90 - Régulateur de pression de précision, de faible encombrement.

Régulation à fuite permanente d'un maximum de 3NI/min (sous 10 bar)

Description	Diaphragm precision pressure regulator of very small design and low air consumption
Media	compressed air or non-corrosive gases
Supply pressure	max. 10 bar
Accuracy	response sensitivity: $\pm 0.2\%$ FS repeatability: $\pm 0.3\%$ FS supply sensitivity: 35 mbar for a 7 bar supply pressure change
Air consumption	max. 3 l/min at 10 bar supply pressure. Consumption depends on supply pressure.
Adjustment	by handwheel with locknut
Relieving function	relieving
Gauge port	G $\frac{1}{8}$ on both sides of the body, screw plug supplied
Mounting position	any
Temperature range	10 °C to 70 °C / 50 °F to 158 °F
Material	Body: zinc die-cast Elastomer: NBR/Buna-N Inner valve: stainless steel and brass



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

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

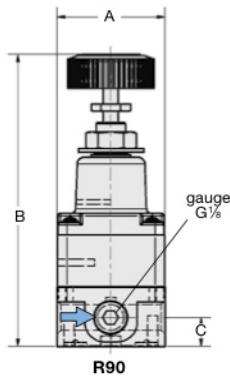
Precision pressure regulator with flange			supply pressure max. 10 bar, relieving, with constant bleed		R90-P	
35	106	12	200	10	Flansch	0.05...2 R90-P1A 0.08...4 R90-P1B 0.10...8 R90-P1C



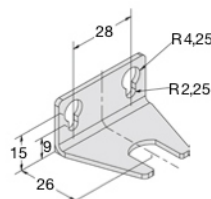
R90-P

Accessories, enclosed

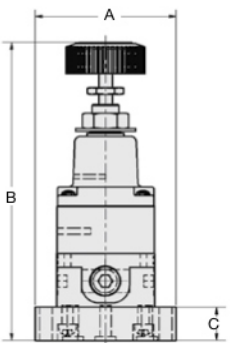
pressure gauge	Ø 23 mm, 0...*2 bar, G $\frac{1}{8}$	MA2301-...*2
mounting bracket	made of steel, mounting nut at the device	BW10-02



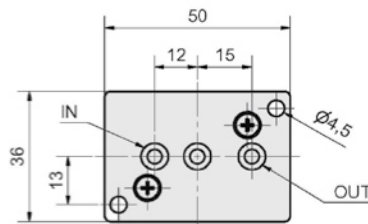
R90



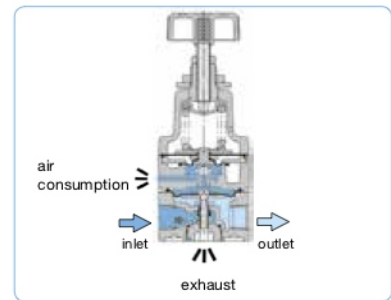
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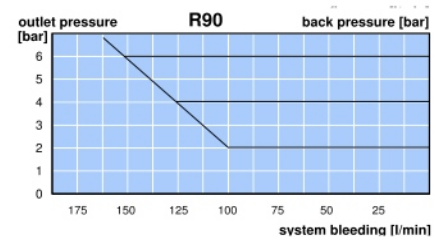
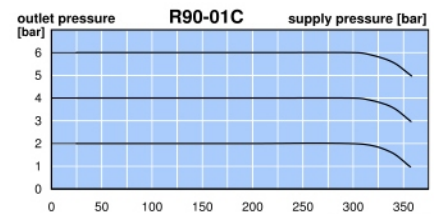
R90-P



R90-P bottom view



cross-section



*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