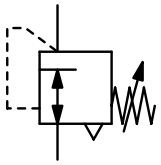
MINIATURE PRECISION PRESSURE REGULATOR ⍁ 35 MM R90

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: ± 0.2 % FS repeatability: ± 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	G⅛ on both sides of the body, screw plug supplied
Mounting position	any
Temperature range	- 18 °C to 71 °C / - 0.4 °F to 159.8 °F
Material	Body: zinc die-cast Elastomer: NBR/Buna-N Inner valve: stainless steel and brass



G⅛
0.05 ... 2 / 4 / 8 bar

Dimensions A mm	B mm	C mm	Flow rate l/min*1	Supply pressure max. bar	Connection thread G / flange	Pressure range bar	Order number	D*
Precision pressure regulator				supply pressure max. 10 bar, relieving, with constant bleed			**R90**	
35	94	10	200	10	G⅛	0.05 ... 2	**R90-01A**	
						0.08 ... 4	**R90-01B**	
						0.10 ... 8	**R90-01C**	

R90

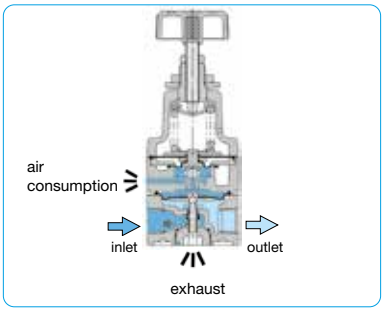
Präzis. 5

Special options, add the appropriate letter

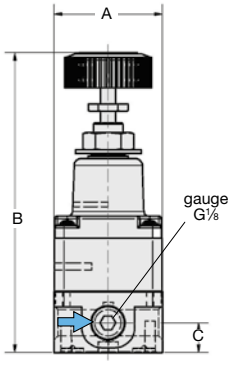
NPT	connection thread	R90-01.**N**

Accessories, enclosed B*

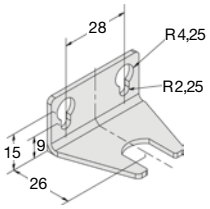
pressure gauge	Ø 23 mm, 0...*2 bar, G⅛	**MA2301-..*2**
mounting bracket	made of steel, mounting nut at the device	**BW10-02**



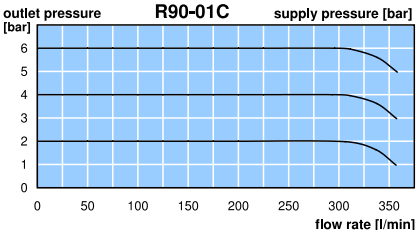
cross-section

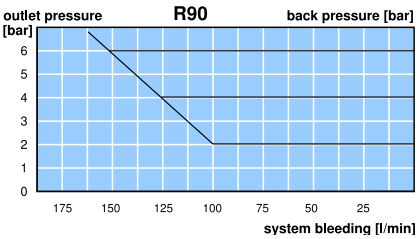


R90



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

* Product group

Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net

Order example:
R90-01A