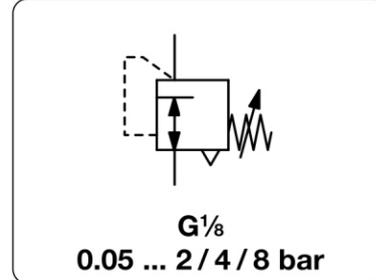


R90 - Régulateur de pression de précision, de faible encombrement. Régulation à fuite permanente d'un maximum de 3NI/min (sous 10 bar)

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



| Dimensions | | | Flow rate | Supply pressure | Connection thread | Pressure range | Order number |
|------------|----|----|-----------|-----------------|-------------------|----------------|--------------|
| A | B | C | | | | | |
| mm | mm | mm | 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 |



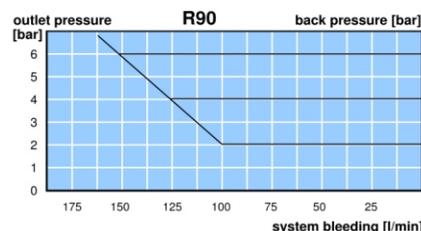
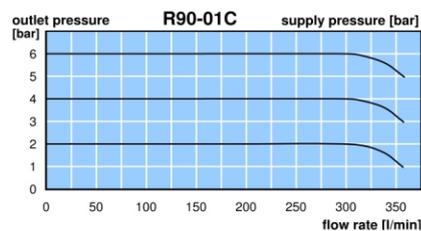
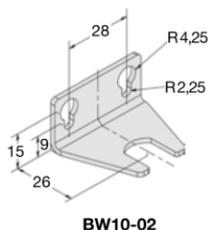
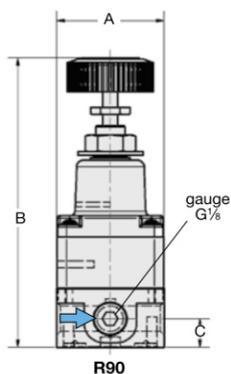
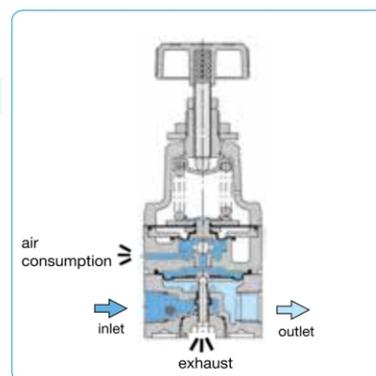
R90

Special options, add the appropriate letter

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

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 |



*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