

In-Line Regulator with Factory-Set Outlet Pressure

R13

Description In-Line pressure regulator with factory-set outlet pressure, reducing from e.g. 10 bar to 5 bar. The regulator R13 is suited for basic pressure control only with an outlet pressure tolerance of $\pm 30\%$. The outlet pressure stated below is valid for 12 bar inlet pressure. For other inlet pressure please refer to the according item from the diagram.

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.

Media compressed air or non-corrosive gases

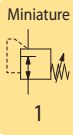
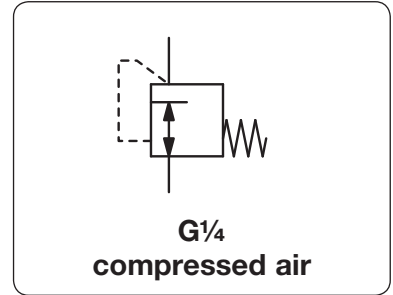
Supply pressure max. 15 bar

Adjustment Select the pressure regulator according to the desired outlet pressure. The outlet pressure cannot be subsequently adjusted. This safeguards against tampering.

Relieving function non-relieving, therefore not recommended for applications such as nailers

Temperature range 0 °C to 60 °C / 32 °F to 140 °F, for appropriately conditioned compressed air down to -30 °C / -22 °F

Material Body: brass
Elastomer: NBR/Buna-N, optionally FKM



| Dimensions | | | Flow rate l/min*1 | Supply pressure max. bar | Connection thread G | Outlet pressure bar | Order number |
|------------|----|-----|----------------------|-----------------------------|------------------------|------------------------|--------------|
| ØA | B | A/F | | | | | |
| mm | mm | mm | | | | | |

| Basic accuracy regulator | | | supply pressure max. 15 bar, non-relieving, outlet pressure $\pm 30\%$, made of brass | | R13 | | |
|--------------------------|----|----|----------------------------------------------------------------------------------------|----|---------|----|---------|
| 17 | 34 | 17 | 300 | 15 | G1/4 ia | 2 | R13-02D |
| | | | | | | 3 | R13-02E |
| | | | | | | 4 | R13-02F |
| | | | | | | 5 | R13-02G |
| | | | | | | 6 | R13-02H |
| | | | | | | 7 | R13-02I |
| | | | | | | 8 | R13-02K |
| | | | | | | 10 | R13-02M |



R13

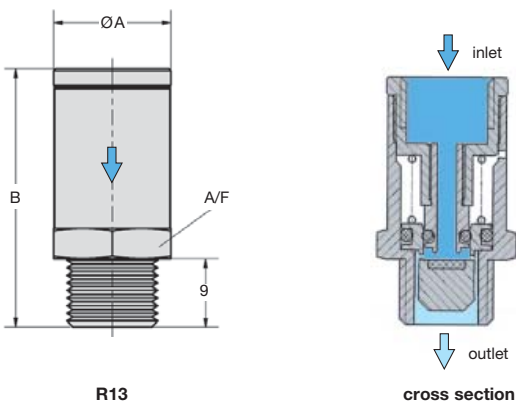
Special options, add the appropriate letter

FKM elastomer R13-02 . V

for oxygen specially cleaned, with oxygen grease R13-02 . 15

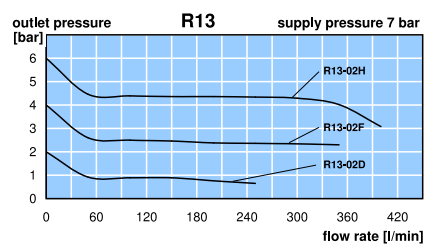
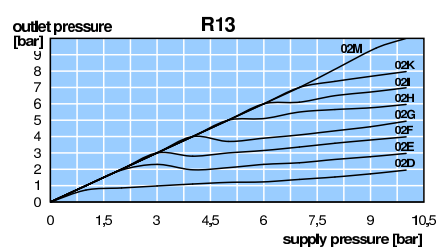


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cross section



*1 at 7 bar supply pressure, 6 bar outlet pressure and 2 bar pressure drop

PDF CAD
www.aircom.net

Order example:
R13-02D