

In-Line Regulator with Factory-Set Outlet Pressure

R14

Description

In-Line pressure regulator with factory-set outlet pressure, reducing from e.g. 10 bar to 5 bar. The regulator R14 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

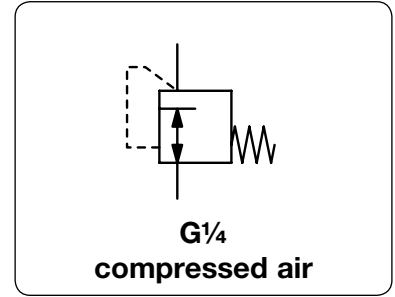
non-relieving, therefore not recommended for applications such as nailers

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



Miniature



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

Basic accuracy regulator						supply pressure max. 15 bar, non-relieving, outlet pressure $\pm 30\%$, made of brass	R14
17	34	17	300	15	G1/4m/f	2	R14-02D
						3	R14-02E
						4	R14-02F
						5	R14-02G
						6	R14-02H
						7	R14-02I
						8	R14-02K
						10	R14-02M



R14

Special options, add the appropriate letter

FKM elastomer

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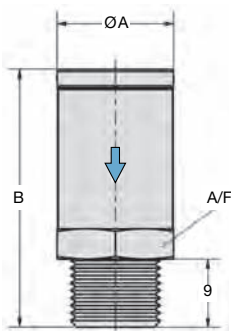
for oxygen

specially cleaned, with oxygen grease

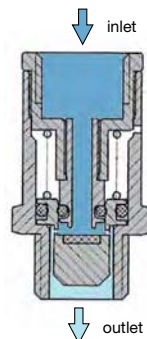
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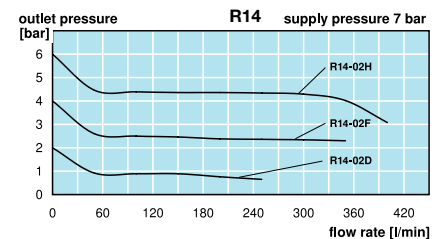
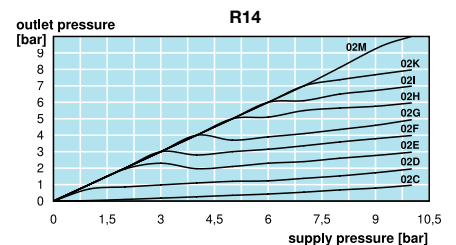
R14



R14



cross section



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



Order example:
R14-02C
China website: www.duray-control.cn