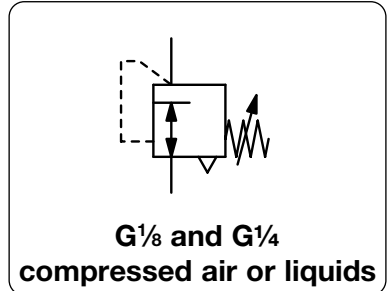


Description	R310: Diaphragm pressure regulator made of brass without constant bleed.	
Media	compressed air, non-corrosive gases or liquids	
Supply pressure	max. 25 bar, max. 14 bar for the oxygen version	
Adjustment	by plastic knob with snap-lock	
Relieving function	relieving, optionally non-relieving for R310	
Gauge port	R310: G $\frac{1}{8}$ on both sides of the body, one screw plug supplied	R309: not available
Mounting position	any	
Temperature range	0 °C to 60 °C / 32 °F to 140 °F for NBR / Buna-N 0 °C to 80 °C / 32 °F to 176 °F for FKM or EPDM for appropriately conditioned compressed air down to -30 °C / -22 °F	
Material	Body: brass Spring cage: POM	Elastomer: NBR/Buna-N, optionally FKM or EPDM, e.g. for brake fluid Inner valve: stainless steel and brass



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

Pressure regulator			supply pressure max. 25 bar, relieving, gauge port G $\frac{1}{8}$, inlet pressure-compensated			R310	
40	80	16.5	220	25	G $\frac{1}{8}$	0.1 ... 3	R310-01B
						0.4 ... 10	R310-01D
						0.5 ... 16	R310-01E
40	80	16.5	220	25	G $\frac{1}{4}$	0.1 ... 3	R310-02B
						0.4 ... 10	R310-02D
						0.5 ... 16	R310-02E



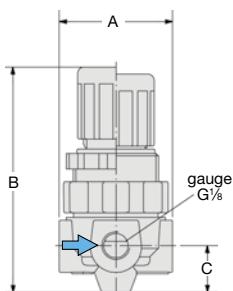
R310

Special options, add the appropriate letter or number

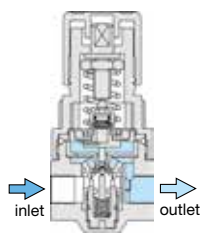
non-relieving	without relieving function	R310-0. . K
for oxygen	specially cleaned, P ₁ : max. 14 bar, P ₂ : max. 10 bar	R310-0. . K15
FKM elastomer		R310-0. . V
EPDM elastomer	non-relieving, e.g. for brake fluid	R310-0. . KE

Accessories, enclosed

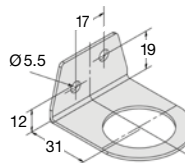
pressure gauge	Ø 40 mm, 0...*2 bar, G $\frac{1}{8}$	R310 only	MA4001-...*2
mounting bracket	made of steel		BW30-02
mounting nut	made of plastic		M30x1,5K
	made of brass		M30x1,5M



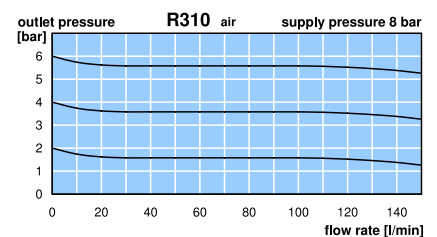
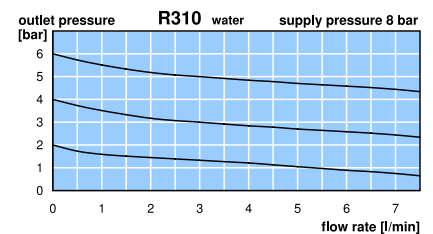
R310



cross-section



BW30-02



*1 for compressed air: 8 bar supply pressure, 4 bar outlet pressure and 1 bar pressure drop
*2 01 = 0...1 bar, 04 = 0...4 bar, 10 = 0...10 bar, 16 = 0...16 bar

Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net

* Product group



Order example:
R310-01B