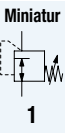
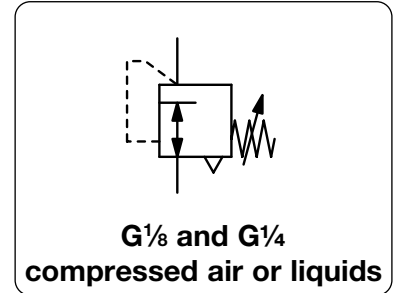


# BRASS PRESSURE REGULATOR FOR MANY MEDIA, PRECISE

R310

<b>Description</b>	R310: Diaphragm pressure regulator made of brass without constant bleed.		
<b>Media</b>	compressed air, non-corrosive gases or liquids		
<b>Supply pressure</b>	max. 25 bar, max. 14 bar for the oxygen version		
<b>Adjustment</b>	by plastic knob with snap-lock		
<b>Relieving function</b>	relieving, optionally non-relieving for R310		
<b>Gauge port</b>	R310: G $\frac{1}{8}$ on both sides of the body, one screw plug supplied	R309: not available	
<b>Mounting position</b>	any		
<b>Temperature range</b>	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		
<b>Material</b>	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	

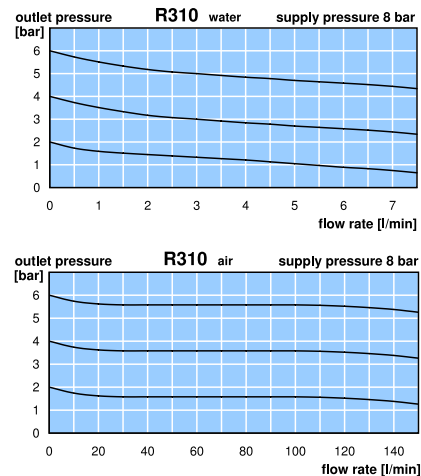
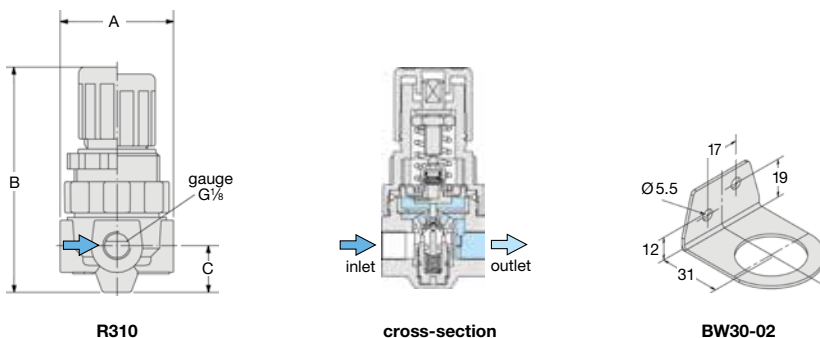


## Special options, add the appropriate letter or number

<b>non-relieving</b>	without relieving function	R310-0 . . K
<b>for oxygen</b>	specially cleaned, P $_1$ : max. 14 bar, P $_2$ : max. 10 bar	R310-0 . . K15
<b>FKM elastomer</b>		R310-0 . . V
<b>EPDM elastomer</b>	non-relieving, e.g. for brake fluid	R310-0 . . KE

## Accessories, enclosed

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



\*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