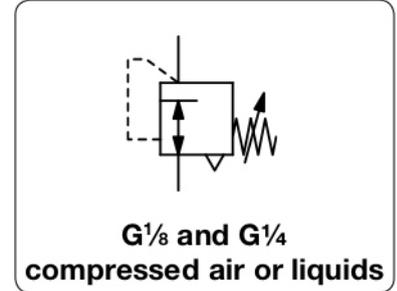


R309 - R310 - Régulateur de pression standard

Précis, G1/8" ou G1/4", options possibles FKM, EPDM, compatibilité oxygène

Description	R310: Diaphragm pressure regulator made of brass without constant bleed. R309: Precision pressure regulator with highly accurate inner valve and sensitive convoluted diaphragm. Of proven reliability and durability and designed for precise pressure regulation in the event of disturbances in flow, supply pressure or temperature. With very high capacity relief valve.	
Media	compressed air, non-corrosive gases or liquids	
Supply pressure	max. 25 bar for R310, max. 14 bar for R309 and R310-15	
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 l/min*1	Supply pressure max. bar	Connection thread G	Pressure range bar	Order number
A	B	C					

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 0.4...10 0.5...16	R310-01B R310-01D R310-01E
40	80	16.5	220	25	G $\frac{1}{4}$ "	0.1... 3 0.4...10 0.5...16	R310-02B R310-02D R310-02E



Precision press. regulator			P1: max. 14 bar, relieving, inlet pressure-compensated without constant bleed, suitable for oxygen				R309
36	77	15	220	14	G $\frac{1}{8}$ "	0.1... 3 0.4... 6	R309-01B R309-01C

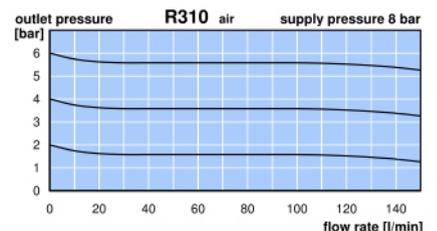
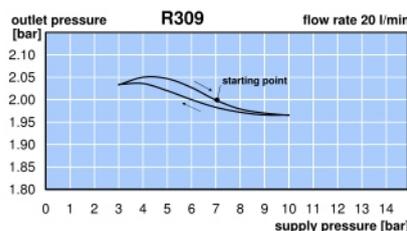
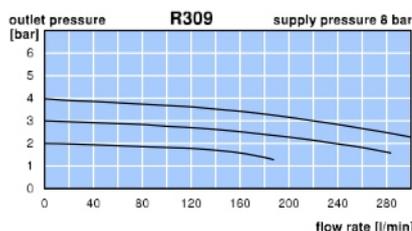
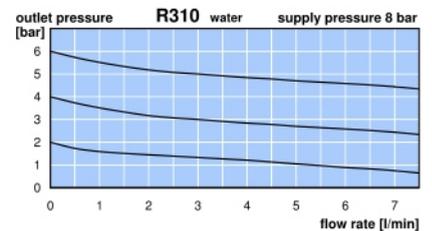
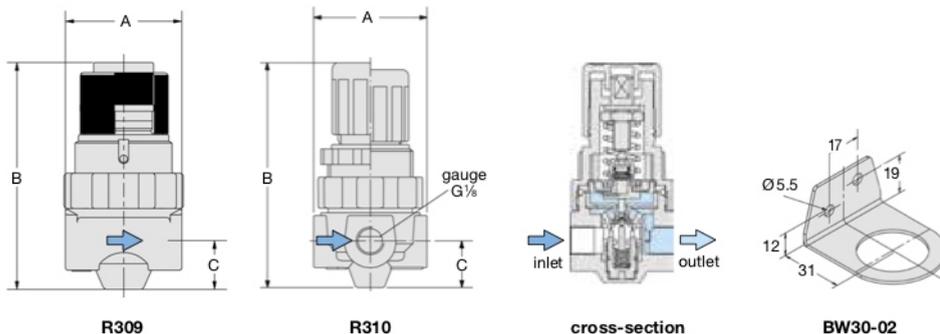


Special options, add the appropriate letter or number

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 made of brass		M30x1,5K 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