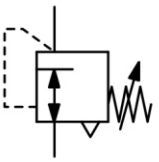
R310 - Régulateur de pression standard
Précis, G1/8" ou G1/4", options possibles FKM, EPDM, compatibilité oxygène

Description	R310: Diaphragm pressure regulator made of brass without constant bleed.
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: G⅛ 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 — Elastomer: NBR/Buna-N, optionally FKM or EPDM, e.g. for brake fluid Spring cage: POM — Inner valve: stainless steel and brass



G⅛ and G¼ compressed air or liquids

Dimensions A mm	B mm	C mm	Flow rate l/min*1	Supply pressure max. bar	Connection thread G	Pressure range bar	Order number
Pressure regulator				supply pressure max. 25 bar, relieving, gauge port G⅛, inlet pressure-compensated			**R310**
40	80	16.5	220	25	G⅛	0.1 ... 3	**R310-01B**
						0.4 ... 10	**R310-01D**
						0.5 ... 16	**R310-01E**
40	80	16.5	220	25	G¼	0.1 ... 3	**R310-02B**
						0.4 ... 10	**R310-02D**
						0.5 ... 16	**R310-02E**

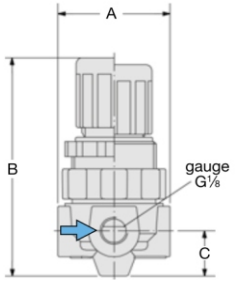
R310

Special options, add the appropriate letter or number

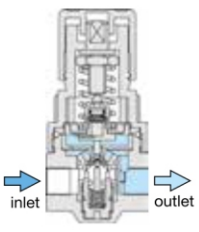
non-relieving	without relieving function	R310-0. . **K**
for oxygen	specially cleaned, P_1: max. 14 bar, P_2: max. 10 bar	R310-0. . K**15**
FKM elastomer		R310-0. . **V**
EPDM elastomer	non-relieving, e.g. for brake fluid	R310-0. . **KE**

Accessories, enclosed

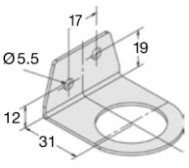
pressure gauge	Ø 40 mm, 0...*2 bar, G⅛	R310 only	**MA4001-. .***2
mounting bracket	made of steel		**BW30-02**
mounting nut	made of plastic		**M30x1,5K**
	made of brass		**M30x1,5M**



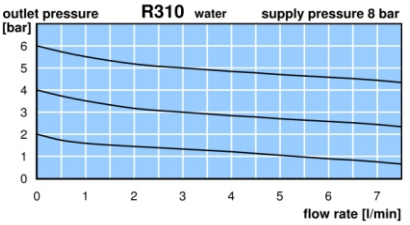
R310

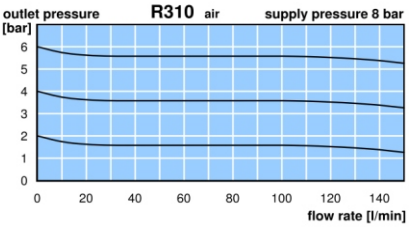


cross-section



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

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