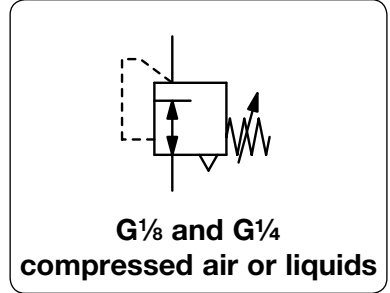


Precision Pressure Regulator for Many Media

R409/ R410



Description	R410: Diaphragm pressure regulator made of brass without constant bleed. R409: 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 R410, max. 14 bar for R409 and R410-15	
Adjustment	by plastic knob with snap-lock	
Relieving function	relieving, optionally non-relieving for R410	
Gauge port	R410: G $\frac{1}{8}$ on both sides of the body, one screw plug supplied	R409: 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	R410
40	80	16,5	220	25	G $\frac{1}{8}$	0.1 ... 3 0.4 ... 10 0.5 ... 16	R410-01B R410-01D R410-01E	
40	80	16,5	220	25	G $\frac{1}{4}$	0.1 ... 3 0.4 ... 10 0.5 ... 16	R410-02B R410-02D R410-02E	

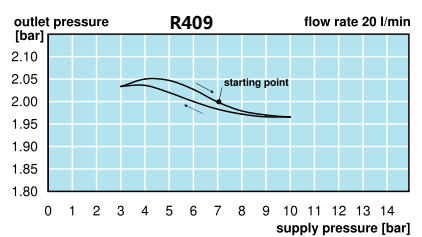
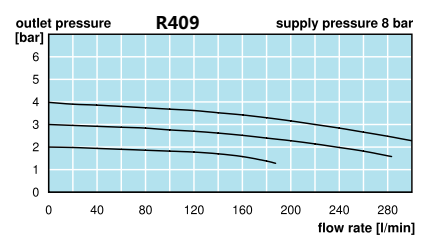
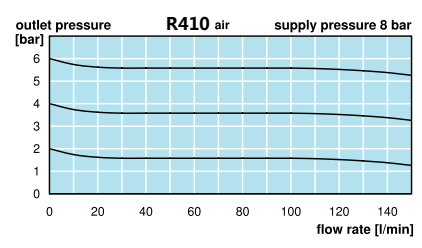
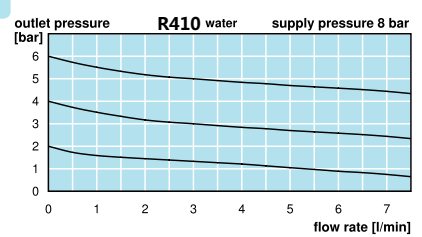
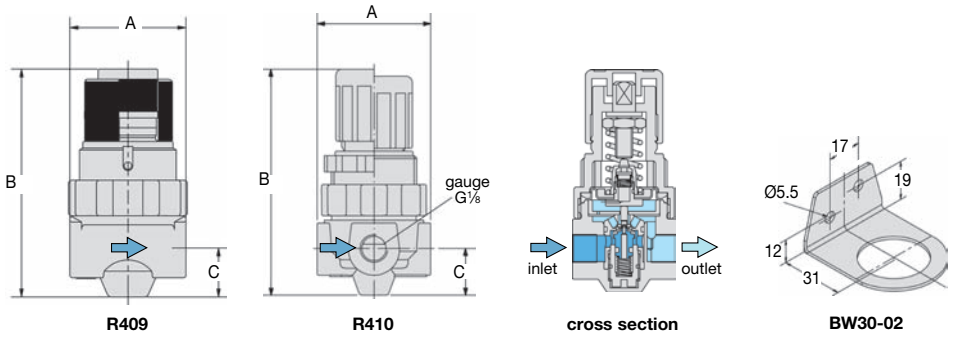


Precision regulator							supply pressure max. 14 bar, relieving, inlet pressure-compensated, suitable for oxygen, without constant bleed	R409
36	77	15	220	14	G $\frac{1}{8}$	0.1 ... 3 0.4 ... 6	R409-01B R409-01C	



Special options, add the appropriate letter		
non-relieving for water	without relieving function flow of 3 l/min	R410-0..K R410-0..W
for oxygen	specially cleaned, supply: max. 14 bar, outlet: max. 10 bar	R410-0..15
FKM elastomer		R410-0..V
EPDM elastomer	e.g. for brake fluid	R410-0..E

Accessories, enclosed		
pressure gauge	Ø 40 mm, 0...*2 bar, G $\frac{1}{8}$	R410 only
mounting bracket	made of steel	MA4001-..*2
mounting nut	made of plastic	BW30-02
	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



Order example:
R410-01B
China website: www.duray-control.cn