|	
Description	Diaphragm back pressure regulators protect pneumatic devices against overpressure. If the pressure exceeds the setpoint, the pressure valve exhausts to the atmosphere until the pressure level is below the setpoint. It is advisable to select the pressure range as near as possible to the maximum setpoint.
Media	compressed air or non-corrosive gases

Overpressure	max. 17 bar	**Pilot pressure**	0 ... 10 bar
Accurcay	1% at 7 bar pilot pressure	**Response sensitivity**	1 mbar
Adjustment	depending on the level of signal pressure the response value will change accordingly		
Gauge port	¼″ NPT on both sides of the body , screw plugs supplied	**Mounting position**	any
Temperature range	0 °C to 90 °C / 32 °F to 194 °F , for appropriately conditioned compressed air down to -40 °C / -40 °F		
Material	Body: aluminium die casting O-rings: NBR/Buna-N, optionally FKM	Elastomer: NBR/Buna-N Inner valve: brass and zinc-plated steel	

G¼ up to G½, 1700 l/min 0…10 bar

DB208
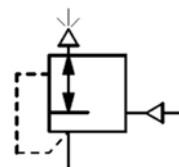
Dimensions			Relief capacity	Over-pressure	Adjustment range	Connection thread	Order number	D*
A	B	C						
mm	mm	mm	l/min*¹	max. bar	bar	G		

Back pressure regulator, pilot-operated pilot pressure 0…10 bar overpressure max. 17 bar **DB208**

76	98	24	1700	17	0…10	G¼	DB208-02
						G⅜	DB208-03
						G½	DB208-04

cross-section

Special options, add the appropriate letter

NPT	connection thread	DB208-0.**N**
FKM elastomer		DB208-0.**V**
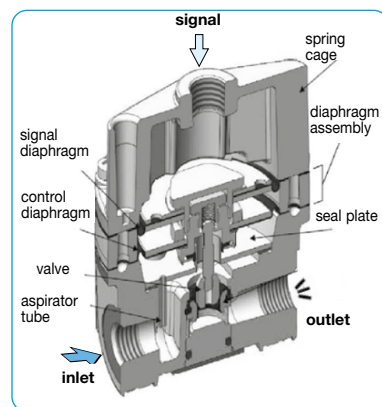
Accessories, enclosed   B*

pressure gauge	Ø 50 mm, 0…*² bar, G¼	MA5002-..*²
gauge connection	made of brass, adapter ¼″ NPT - G¼ female	AM-06
mounting bracket	made of steel	BW00-34

Back pressure

8
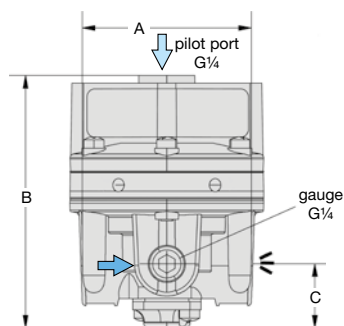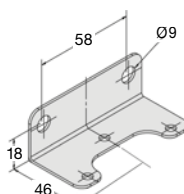
DB208

BW00-34
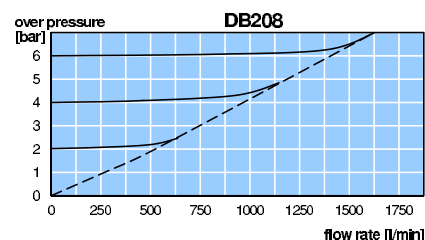
*¹ at 7 bar inlet pressure and open outlet
*² **02** = 0…2.5 bar, **04** = 0…4 bar, **06** = 0…6 bar, **10** = 0…10 bar

Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net

* Product group

Order example:
DB208-02