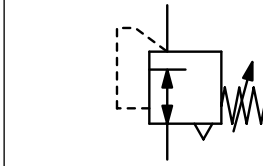


Description	Diaphragm back pressure regulators protect pneumatic devices against overpressure. If the pressure exceeds the setpoint, the pressure valve exhausts to the atmosphere until the pressure level is below the setpoint. It is advisable to select the pressure range as near as possible to the maximum setpoint.
Media	compressed air or non-corrosive gases
Overpressure	max. 17 bar
Adjustment	by handwheel with locknut
Gauge port	1/4" 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-cast Elastomer: NBR/Buna-N, optionally FKM Inner valve: stainless steel, brass, aluminium and cadmium-plated steel



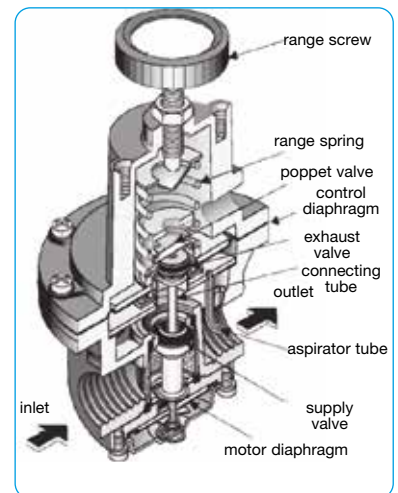
G³/₈ up to G³/₄, 4200 l/min
0.03 ... 0.7/10 bar

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

Precision back pressure regulator						overpressure max. 17 bar	DB400
89	206	39	3800	17	G ³ / ₈	0.03 ... 0.7	DB400-031
						0.03 ... 2.0	DB400-03A
						0.07 ... 4.0	DB400-03B
						0.15 ... 10	DB400-03C
89	206	39	4000	17	G ¹ / ₂	0.03 ... 0.7	DB400-041
						0.03 ... 2.0	DB400-04A
						0.07 ... 4.0	DB400-04B
						0.15 ... 10	DB400-04C
89	206	39	4200	17	G ³ / ₄	0.03 ... 0.7	DB400-061
						0.03 ... 2.0	DB400-06A
						0.07 ... 4.0	DB400-06B
						0.15 ... 10	DB400-06C



DB400



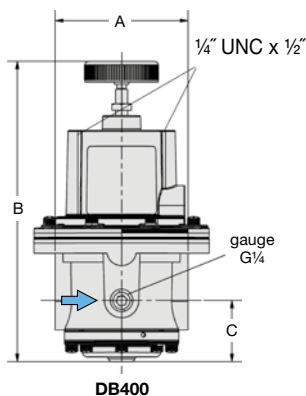
cross-section

Special options, add the appropriate letter

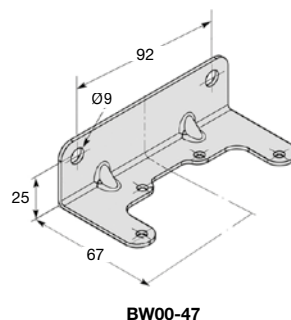
NPT	connection thread	DB400-0..N
tamper-proof cap	aluminium, adjustment by screwdriver, total height 295 mm	DB400-0..T
FKM elastomer		DB400-0..V

Accessories, enclosed

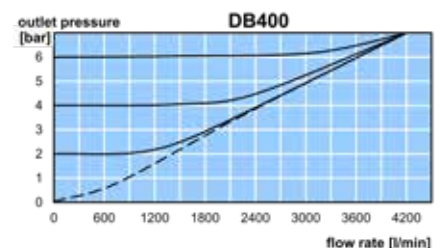
pressure gauge	Ø 63 mm, 0...*2 bar, G ¹ / ₄	MA6302-...*2
gauge connection	made of brass, adapter 1/4" NPT - G ¹ / ₄ female	AM-06
mounting bracket	made of steel	BW00-47



DB400



BW00-47



*1 at 7 bar inlet pressure and 1.4 bar outlet pressure
*2 01 = 0...1 bar, 02 = 0...2.5 bar, 04 = 0...4 bar, 10 = 0...10 bar, 25 = 0...25 bar

Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net

* Product group



Order example:
DB400-031