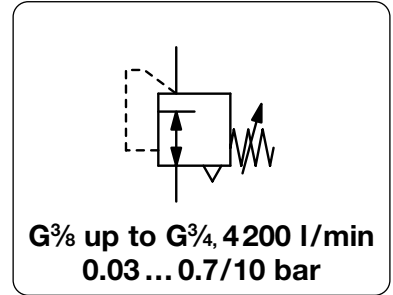


PRECISION BACK PRESSURE REGULATOR

DB400

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	G $\frac{1}{4}$ 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



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

Precision back pressure regulator							overpressure max. 17 bar	DB400
89	206	39	3 800	17	G $\frac{3}{8}$	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	4 000	17	G $\frac{1}{2}$	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	4 200	17	G $\frac{3}{4}$	0.03 ... 0.7	DB400-061	
						0.03 ... 2.0	DB400-06A	
						0.07 ... 4.0	DB400-06B	
						0.15 ... 10	DB400-06C	



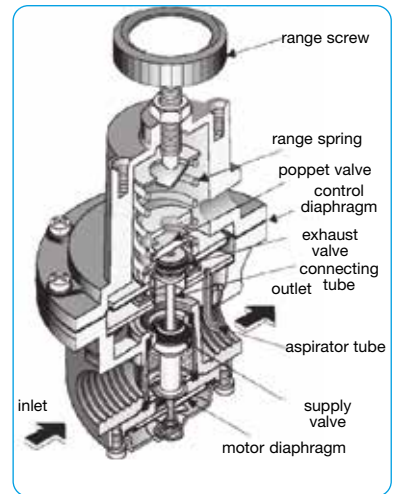
DB400

Special options, add the appropriate letter

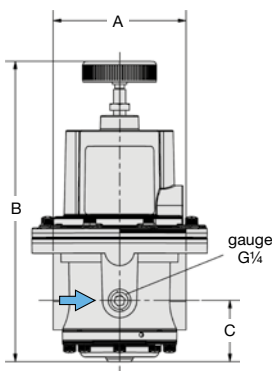
NPT	connection thread	DB400-0..N
tamper-proof cap	aluminium, adjustment by screwdriver, total height 295 mm	DB400-0..T
FKM elastomer		DB400-0..V

Accessories, enclosed

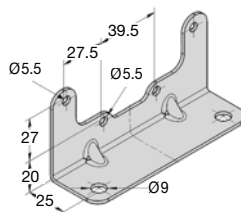
pressure gauge	Ø 63 mm, 0...*2 bar, G $\frac{1}{4}$	MA6302-...*2
mounting bracket	made of steel	BW00-47



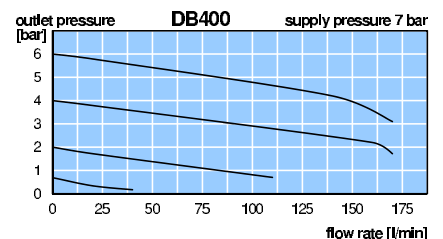
cross-section



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

Order example:
DB400-031