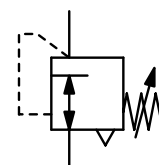


Description	The diaphragm regulator provides high-precision regulation in high flow and high relief applications. A special diaphragm and balanced inner valve ensure constant outlet pressure even with changing supply pressure and flow fluctuations.	
Media	compressed air or non-corrosive gases	
Supply pressure	max. 18 bar	
Accuracy	response sensitivity: < 2 mbar	
Air consumption	without constant bleed	
Adjustment	by handwheel with locknut	
Relieving function	relieving	
Relief capacity	1000 l/min at 1.5 bar outlet and 0.35 bar overpressure above setpoint	
Gauge port	G $\frac{1}{4}$ on both sides of the body, screw plugs supplied	
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 steel	

Mounting position any



**G $\frac{3}{8}$ up to G $\frac{3}{4}$
4200 l/min**

Dimensions			K _v -value	Flow rate	Connection thread	Pressure range	Order number
A	B	C					
mm	mm	mm	(m ³ /h)	m ³ /h*1 l/min*1	G	bar	



Precision pressure regulator

supply pressure max. 18 bar, relieving, without constant bleed

R400

89	206	39	2.12	228	3800	G $\frac{3}{8}$	0.03 ... 0.7	R400-031
							0.03 ... 2.0	R400-03A
							0.07 ... 4.0	R400-03B
							0.15 ... 10	R400-03C
							0.35 ... 17	R400-03D
89	206	39	2.23	240	4000	G $\frac{1}{2}$	0.03 ... 0.7	R400-041
							0.03 ... 2.0	R400-04A
							0.07 ... 4.0	R400-04B
							0.15 ... 10	R400-04C
							0.35 ... 17	R400-04D
89	206	39	2.34	252	4200	G $\frac{3}{4}$	0.03 ... 0.7	R400-061
							0.03 ... 2.0	R400-06A
							0.07 ... 4.0	R400-06B
							0.15 ... 10	R400-06C
							0.35 ... 17	R400-06D



R400

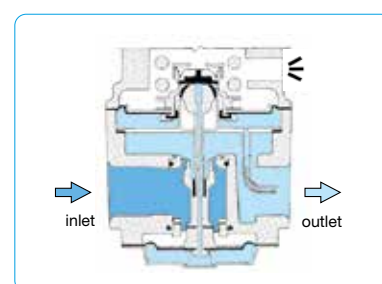
Special options, add the appropriate letter

tapped exhaust	connection thread G $\frac{1}{4}$	R400-0...X12
NPT	connection thread	R400-0...N
tamper-proof cap	of aluminium, adjustment by screwdriver, total height 295 mm	R400-0...T
FKM elastomer	up to 10 bar	R400-0...V

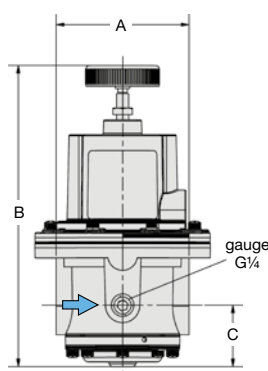
Accessories, enclosed

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

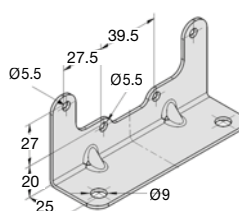
MA6302-...*2
BW00-47



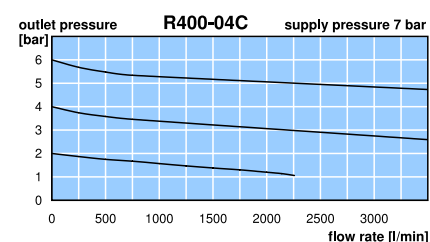
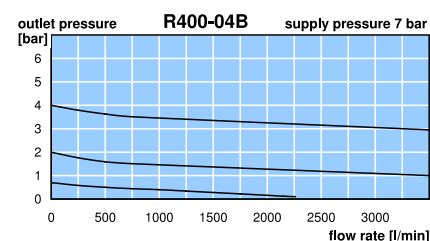
cross-section



R400



BW00-47



* Product group

Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net



Order example:
R400-031