

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. 17 bar

Accuracy

response sensitivity: < 2 mbar

Air consumption

max. 3 l/min depending on outlet pressure

Relieving function

relieving, optionally non-relieving

Relief capacity

850 l/min at 5 bar outlet and 0.35 bar overpressure above setpoint

Gauge port

1/4" NPT on both sides of the body

Mounting position

any

Temperature range

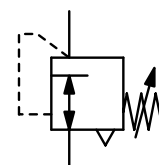
0 °C to 93 °C / 32 °F to 194 °F, for appropriately conditioned compressed air down to -40 °C / -40 °F

Material

Body: Aluminium die-cast

Elastomer: NBR

Inner valve: stainless steel, brass and aluminium



1/4" NPT to 3/4" NPT
4150 l/min

Dimensions			K _v -Value	Flow rate		Connection thread	Pressure range	Order number
A	B	C		m³/h*	l/min*			
mm	mm	mm	(m³/h)			NPT	bar	



Precision pressure regulator

supply pressure max. 17 bar, relieving, with constant bleed

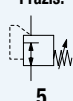
R410

92	194	25	1.7	100	1600	1/4" NPT	0.03 ... 0.15	R410-02A
							0.03 ... 0.7	R410-02B
							0.03 ... 2.0	R410-02C
							0.07 ... 4.0	R410-02D
							0.07 ... 7.0	R410-02E
							0.15 ... 10	R410-02F
							0.15 ... 14	R410-02G
92	194	25	3.7	200	3300	1/2" NPT	0.03 ... 0.15	R410-04A
							0.03 ... 0.7	R410-04B
							0.03 ... 2.0	R410-04C
							0.07 ... 4.0	R410-04D
							0.07 ... 7.0	R410-04E
							0.15 ... 10	R410-04F
							0.15 ... 14	R410-04G
92	194	25	4.3	250	4150	3/4" NPT	0.03 ... 0.15	R410-06A
							0.03 ... 0.7	R410-06B
							0.03 ... 2.0	R410-06C
							0.07 ... 4.0	R410-06D
							0.07 ... 7.0	R410-06E
							0.15 ... 10	R410-06F
							0.15 ... 14	R410-06G



R410

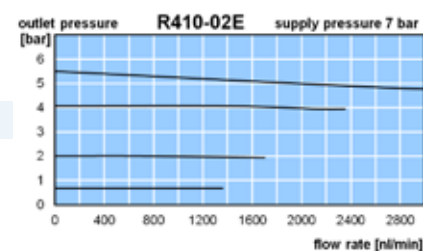
Präzis.



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Special options, add the appropriate letter

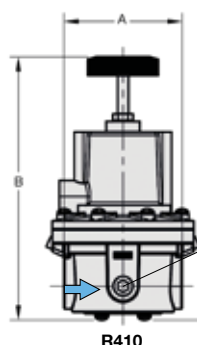
non-relieving	without constant bleed	R410-0...K
tapped exhaust	connection thread 1/4" NPT	R410-0...X12
tamper-proof-cap	of aluminium, adjustment by screwdriver, total height 295 mm	R410-0...T



Accessories, enclosed

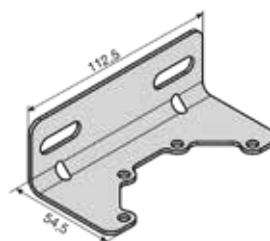


pressure gauge	Ø 63 mm, 0...*1 bar, G1/4	MA6302-...*1
gauge connectors	NPT connection thread, adapter 1/4" NPT to G1/4 female	VP-0202N
mounting bracket	made of steel	BW00-65

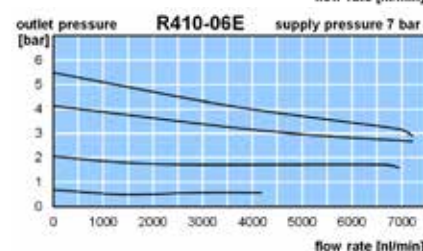
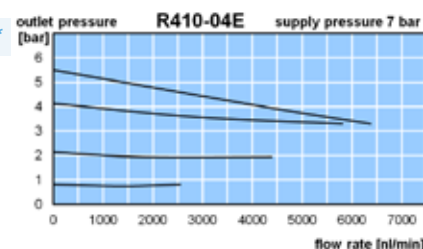


R410

Gauge G1/4



BW00-65



*1 bei 01 = 0...1 bar, 02 = 0...2,5 bar, 06 = 0...6 bar, 10 = 0...10 bar, 16 = 0...16 bar

Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net

* Product group



Order example:
R410-02A