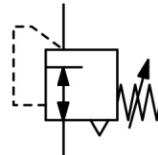


## R230 - Régulateur de précision, à fuite, à fort débit, 0.01 à 10 bar, G1/4"

R230 - Precision Pressure Regulator, in many variations.

<b>Description</b>	The diaphragm pressure regulator provides precision regulation in high flow applications. A balanced inner valve, sensitive rolling diaphragm and carefully positioned aspirator tube ensure constant outlet pressure even with changing supply pressure and flow fluctuations.
<b>Media</b>	compressed air or non-corrosive gases
<b>Supply pressure</b>	max. 17 bar
<b>Accuracy</b>	response sensitivity: < 4 mbar
<b>Air consumption</b>	max. 6 l/min, subject to outlet pressure
<b>Adjustment</b>	by handwheel with locknut
<b>Relieving function</b>	relieving, optionally non-relieving
<b>Relief capacity</b>	110 l/min at 1.5 bar outlet and 0.35 bar overpressure above setpoint
<b>Gauge port</b>	G1/4 on both sides of the body, optionally 1/4" NPT
<b>Temperature range</b>	0 °C to 80 °C / 32 °F to 176 °F, for appropriately conditioned compressed air down to -40 °C / -40 °F
<b>Material</b>	Body: aluminium die-cast Elastomer: NBR/Buna-N Inner valve: brass, galvanized steel



**G1/4 up to G1/2, 900 l/min  
10 ... 140 mbar / 10 bar**

Dimensions	K <sub>w</sub> -value	Flow rate	Connection	Pressure range	Order number		
A mm	B mm	C mm	(m <sup>3</sup> /h)	m <sup>3</sup> /h* <sup>1</sup>	l/min* <sup>1</sup>	G	bar

### Precision pressure regulator supply pressure max. 17 bar, relieving, with constant bleed R230

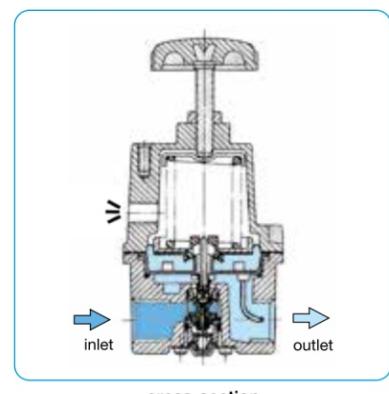
67	154	16	0.5	54	900	G1/4	0.01 ... 0.14	R230-020
							0.01 ... 1.0	R230-02A
							0.01 ... 2.0	R230-02B
							0.07 ... 4.0	R230-02C
							0.14 ... 10	R230-02D



R230

### Special options, add the appropriate letter

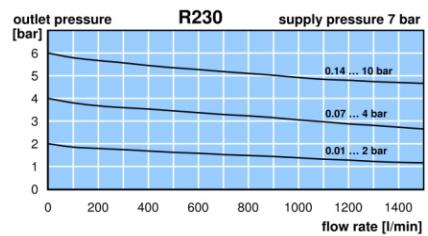
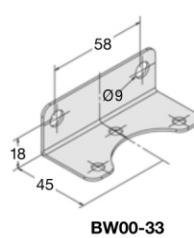
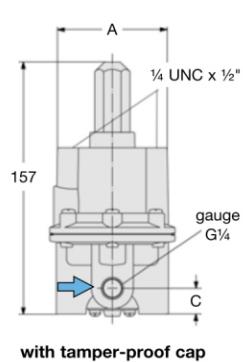
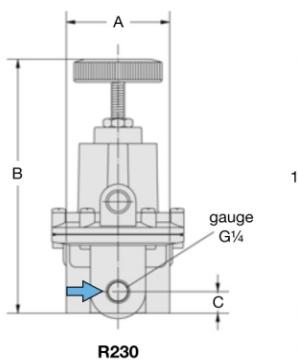
G3/8	connection thread	R230-03 .
G1/2	connection thread, recommended for mbar range	R230-04 .
NPT	connection thread	R230-0 .. N
non-relieving	and without constant bleed	R230-0 .. K
reduced bleeding		R230-0 .. X19
tapped exhaust	connection thread G1/4	R230-0 .. X12
tamper-proof cap	aluminium, adjustment by screwdriver, total height 157 mm	R230-0 .. T
check valve	quick exhaust at supply pressure removal	R230-0 .. X80



cross-section

### Accessories, enclosed

<b>pressure gauge</b>	Ø 63 mm, 0 ... 160 mbar, G1/4, capsule type	<b>MA6302-C2</b>
<b>pressure gauge</b>	Ø 50 mm, 0 ... * <sup>2</sup> bar, G1/4, Bourdon tube	<b>MA5002-.. *<sup>2</sup></b>
<b>gauge connection</b>	NPT connection thread, made of brass, adapter 1/4" NPT to G1/4 female	<b>VP-0202N</b>
<b>mounting bracket</b>	made of steel	<b>BW00-33</b>



\*<sup>1</sup> at 7 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop  
\*<sup>2</sup> 01 = 0 ... 1 bar, 02 = 0 ... 2.5 bar, 06 = 0 ... 6 bar, 10 = 0 ... 10 bar

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