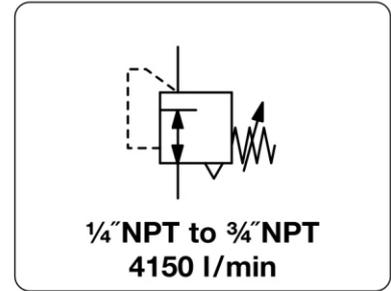


# R700 - Détendeur de pression de haute précision, à double étage, et fuite permanente de régulation

<b>Description</b>	The diaphragm regulator provides high-precision two-stage 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.
<b>Media</b>	compressed air or non-corrosive gases
<b>Supply pressure</b>	max. 17 bar
<b>Accuracy</b>	response sensitivity: < 2 mbar
<b>Air consumption</b>	max. 3 l/min in depending on outlet pressure
<b>Relieving function</b>	relieving
<b>Relief capacity</b>	1000 l/min at 5 bar outlet and 0.35 bar overpressure above setpoint
<b>Gauge port</b>	¼" NPT on both sides of the body
<b>Mounting position</b>	any
<b>Temperature range</b>	0 °C to 71 °C / 32 °F to 160 °F, for appropriately conditioned compressed air down to -29 °C / -29 °F
<b>Material</b>	Body: aluminium die-cast Elastomer: NBR/Buna-N Inner valve: stainless steel, brass and aluminium



Dimensions			K <sub>v</sub> -value (m³/h)	Flow rate		Connection thread NPT	Pressure range bar	Order Number
A	B	C		m³/h*1	l/min*1			

Precision pressure regulator						supply pressure max. 17 bar, relieving, with constant bleed	<b>R700</b>	
92	176	25	2.0	100	1600	¼" NPT	0.14 ... 2.7	<b>R700-02A</b>
							0.14 ... 4.1	<b>R700-02B</b>
							0.14 ... 8.2	<b>R700-02C</b>
92	176	25	4.3	220	3600	½" NPT	0.14 ... 2.7	<b>R700-04A</b>
							0.14 ... 4.1	<b>R700-04B</b>
							0.14 ... 8.2	<b>R700-04C</b>
92	176	25	5.0	250	4150	¾" NPT	0.14 ... 2.7	<b>R700-06A</b>
							0.14 ... 4.1	<b>R700-06B</b>
							0.14 ... 8.2	<b>R700-06C</b>



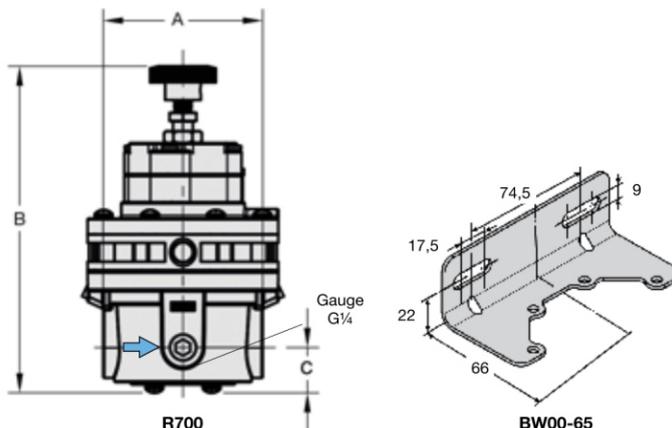
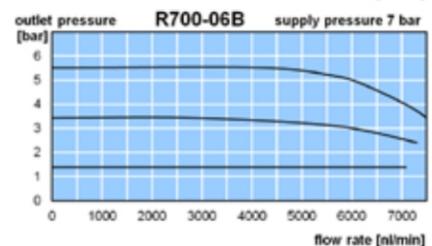
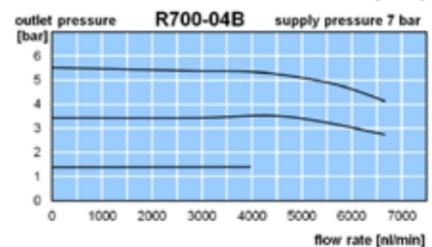
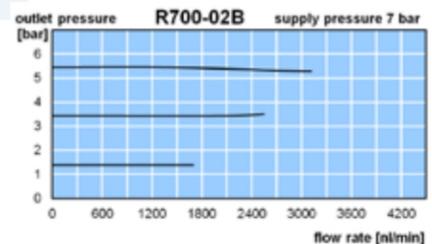
R700

### Special options, add the appropriate letter

<b>tapped exhaust</b>	connection thread ¼" NPT	R700-0..X12
<b>tamper-proof cap</b>	aluminium, adjustment by screwdriver, total height 173 mm	R700-0..T

### Accessories, enclosed

<b>pressure gauge</b>	Ø 63 mm, 0...*2 bar, G¼	<b>MA6302-..*2</b>
<b>gauge connection</b>	made of brass, adapter ¼" NPT to G¼ female	<b>AM-06</b>
<b>Mounting bracket</b>	made of steel	<b>BW00-65</b>



\*2 bei 04 = 0...4 bar, 06 = 0...6 bar, 10 = 0...10 bar