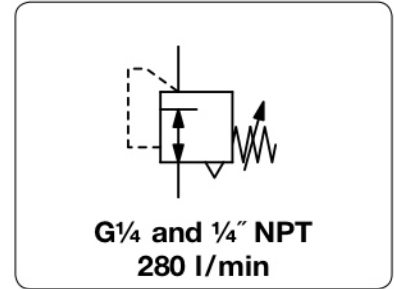


## 53.10 - Régulateur de pression, de très haute précision, avec consommation, très stable et sensible

<b>Description</b>	Regulator of proven reliability and durability designed for precise pressure regulation in the event of changes in flow, supply pressure and temperature. Slight exhaust sounds are normal.	
<b>Note</b>	To avoid leaks the mounting nut must be screwed tight.	
<b>Media</b>	dry, oil-free and 25 µm filtered compressed air	
<b>Supply pressure</b>	max. 10 bar	
<b>Accuracy</b>	at varying supply pressures: < 1 mbar pressure deviation at varying volume flows: < 5 mbar pressure deviation	
<b>Air consumption</b>	max. 2 l/min, subject to outlet pressure	
<b>Adjustment</b>	by handwheel with locknut, for panel mounting	<b>Mounting position</b> any
<b>Relieving function</b>	relieving, the exhaust valve's diameter is six times greater than the regulating valve's diameter	
<b>Gauge port</b>	G¼ or ¼" NPT on both sides of the body, identical with the connection thread	
<b>Temperature range</b>	0 °C to 70 °C / 32 °F to 158 °F, for appropriately conditioned compressed air down to -30 °C / -22 °F	
<b>Material</b>	Body: zinc die-cast	Measuring capsule: beryllium copper
	Elastomer: NBR/Buna-N	



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

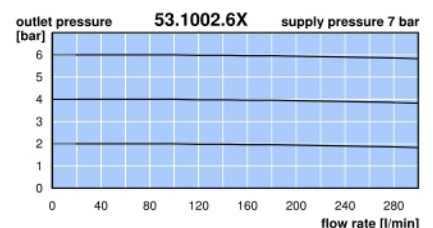
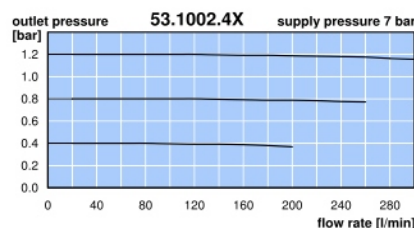
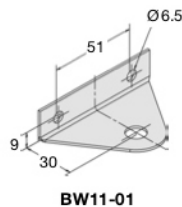
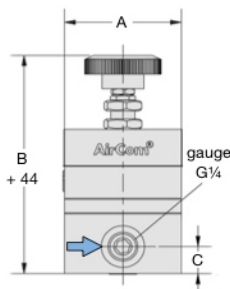
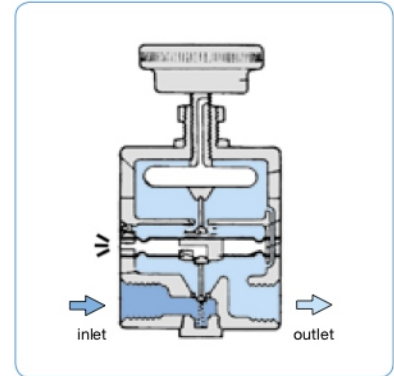
Precision pressure regulator			supply pressure max. 10 bar, relieving, with constant bleed, accuracy 5 mbar					Manostat	
54	70	14	standard	0.16	17	280	G¼	0.14 ... 1.7	<b>53.1002.4X</b>
								0.14 ... 4.0	<b>53.1002.5X</b>
								0.14 ... 8.0	<b>53.1002.6X</b>
54	70	14	standard	0.16	17	280	¼" NPT	0.14 ... 1.7	<b>53.1002.00</b>
								0.14 ... 4.0	<b>53.1003.00</b>
								0.14 ... 8.0	<b>53.1004.00</b>



53.1002.6X

**Special options,** add the appropriate letter  
**tamper-proof cap** aluminium, adjustment by screwdriver, total height 109 mm **53.1.....T**

**Accessories,** enclosed  
**pressure gauge** Ø 50 mm, 0...\*2 bar, G¼ **MA5002-..\*2**  
**connecting parts gauge** for NPT ports, adapter ¼" NPT - G¼ female **VP-0202N**  
**mounting bracket** made of steel, mounting nut at the device **BW11-01**



\*1 at 7 bar supply pressure and 1.4 bar outlet pressure  
 \*2 02 = 0...2.5 bar, 04 = 0...4 bar, 10 = 0...10 bar