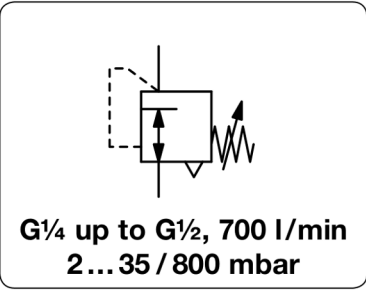


pressure regulator series PR78

Description	Diaphragm regulator with small dimensions. Suitable for low pressure applications, with high relief capacity. A sensitive rolling diaphragm ensure constant outlet pressure even with changing supply pressure and flow fluctuations.	
Media	compressed air or non-corrosive gases	
Recommendation	connection thread G½ for pressure range 0...35 / 140 / 280 mbar	
Supply pressure	max. 10 bar	
Accuracy	response sensitivity: < 0,2 mbar	Air consumption max. 2 l/min depending on outlet pressure
Adjustment	by handwheel with locknut	
Relieving function	non-relieving	
Gauge port	G¼ on both sides of the body, optionally ¼"NPT	
Mounting position	any	
Temperature range	0 °C to 90 °C / 32 °F to 194 °F, for appropriately conditioned compressed air down to -40 °C / -40 °F	
Material	Bod-<: aluminium die-cast Inner valve: stainless steel and galvanised steel Elastomer: NBR/Buna-N, optionally FKM	



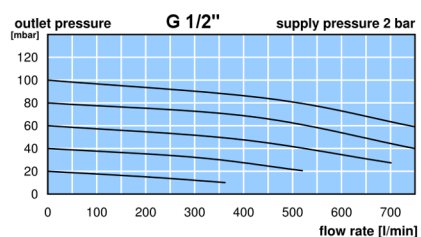
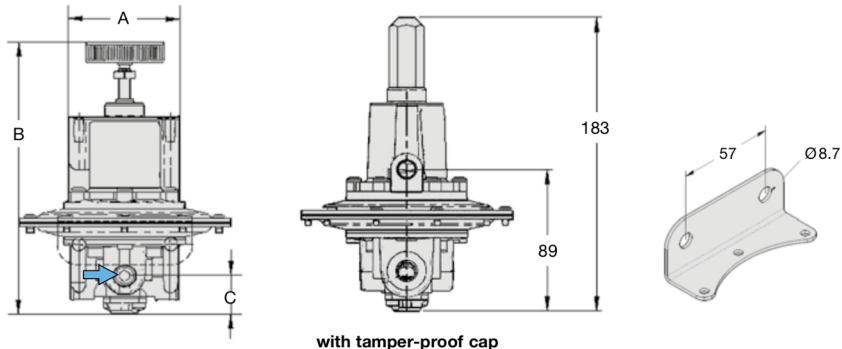
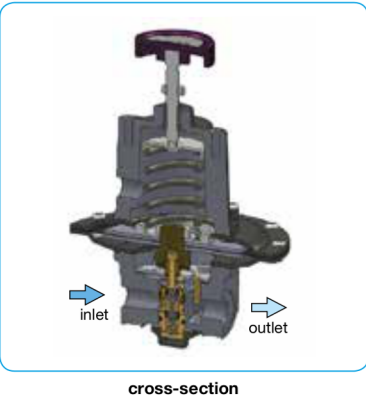
Dimensions			K _v -value (m³/h)	Flow rate		Connection thread G	Pressure range mbar
A	B	C		m³/h*1	l/min*1		

Precision regulator for low pressure								supply pressure max. 10 bar
67	180	25	0,4	42	700	G¼	2 ... 35	
							2 ... 140	
							2 ... 280	
							2 ... 400	
67	180	25	0,4	42	700	G½	2 ... 35	
							2 ... 140	
							2 ... 280	
							2 ... 400	



- ### Special options
- G¾** connection thread
 - NPT** connection thread
 - non-relieving** without constant bleed
 - reduced bleeding** ca. 1 l/min
 - tapped exhaust** connection thread G¼
 - FKM elastomer**
 - tamper-proof cap** aluminium, adjustment by screwdriver, total height 183 mm

- ### Accessories, enclosed
- pressure gauge** Ø 63 mm, 0... *2 mbar, G¼, capsule type
Ø 63 mm, 0...600mbar, G¼, Bourdon tube
Ø 63 mm, 0... 1 bar, G¼, Bourdon tube
 - gauge connectors** NPT connection thread, adapter ¼" NPT to G¼ female
 - mounting bracket** made of steel



*1 at 7 bar supply pressure, 800 mbar outlet pressure and 40 mbar pressure drop
*2 B6 = 0...60 mbar, C2 = 0...160 mbar, C3 = 0...250 mbar, C4 = 0...400 mbar

Abbildungen unverbindlich, Konstruktions-, Maß- und Werkstoffänderungen vorbehalten
illustrations are non-binding, all designs, configurations, measurements and materials are subject to change without prior notice