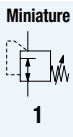
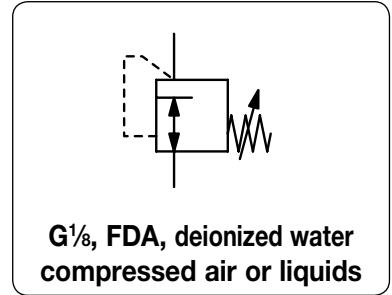


Description	Diaphragm miniature pressure regulator made of plastic and of small and lightweight design. All fluid-contact parts are approved by the FDA.
Application area	food industry and water circulation, e.g. for dialysis devices
Media	compressed air, non-corrosive gases, deionized water or other liquids
Supply pressure	max. 16 bar
Adjustment	by plastic knob with snap-lock
Relieving function	non-relieving
Gauge port	not available
Mounting position	any
Temperature range	0 °C to 50 °C / 32 °F to 122 °F
Material	Body: POM technopolymer with thread insert of SST 316, approved by FDA and WRAS Elastomer: EPDM with thread insert of SST 316, approved by FDA and KTW Valve and o-ring: Hytrel and EPDM, FDA-approved Grease: Klüber, UH184-201



Dimensions			Flow rate		Connection	Pressure	Order
A	B	C	water	air	thread	range	number
mm	mm	mm	l/min*1	l/min	G	bar	

Pressure regulator w. FDA approval			supply pressure max. 16 bar, non-relieving EPDM, with inlet pressure compensation		Connection	Pressure range	Order number
41	86	11	5	350	G ¹ / ₈	0.1 ... 1	R037-010K
						0.1 ... 2	R037-01AK
						0.2 ... 4	R037-01BK
						0.3 ... 8	R037-01CK
						0.4 ... 12	R037-01DK
41	86	11	5	380	G ¹ / ₄	0,1 ... 1	R037-020K
						0,1 ... 2	R037-02AK
						0,2 ... 4	R037-02BK
						0,3 ... 8	R037-02CK
						0,4 ... 12	R037-02DK



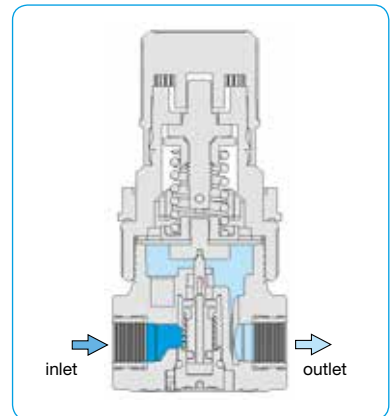
R037

Special options, add the appropriate letter or number

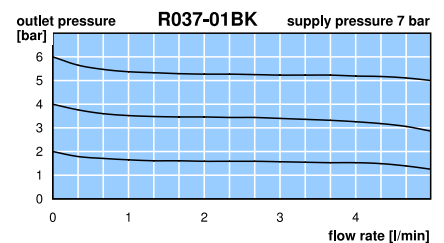
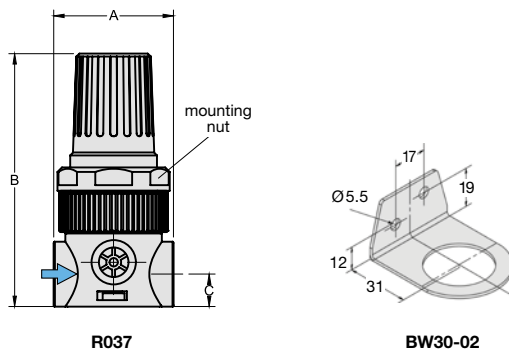
for oxygen	pecially cleaned, with oxygen grease	R037-0 . . K15
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Accessories, enclosed

mounting bracket	made of steel	BW30-02
mounting nut	made of plastic	M30x1,5K
	made of aluminium	M30x1,5A



cross-section



*1 supply pressure 1 bar above outlet pressure