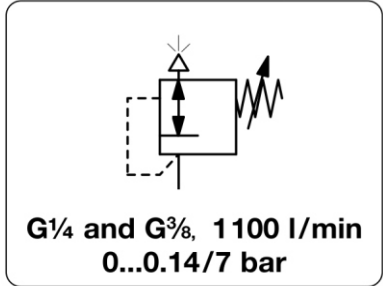


# DB300 - Régulateur déverseur de pression de haute sensibilité

## Précis, compact et léger

<b>Description</b>	Diaphragm back pressure regulators protect pneumatic devices against overpressure. If the pressure exceeds the setpoint, the pressure valve exhausts to the atmosphere until the pressure level is below the setpoint. It is advisable to select the pressure range as near as possible to the maximum setpoint.
<b>Media</b>	compressed air or non-corrosive gases
<b>Overpressure</b>	max. 10 bar
<b>Accuracy</b>	response sensitivity <2 mbar
<b>Adjustment</b>	by handwheel with locknut
<b>Gauge port</b>	G $\frac{1}{8}$ on both sides of the body, screw plugs supplied
<b>Mounting position</b>	any
<b>Temperature range</b>	0 °C to 90 °C / 32 °F to 194 °F , for appropriately conditioned compressed air down to -40 °C / -40 °F
<b>Material</b>	Body: aluminium die-cast Elastomer: NBR/Buna-N, optionally FKM Inner valve: brass



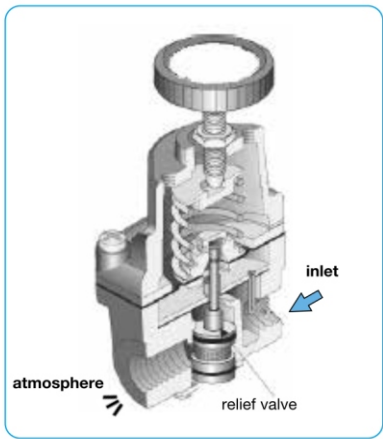
Dimensions			Relief capacity l/min*1	Over-pressure max. bar	Connection thread G	Adjustment range mbar	Order number
A	B	C					

Precision back pressure regulator							overpressure max. 10 bar	DB300
57	126	19	1 100	10	G $\frac{1}{4}$	0.001... 0.14	DB300-020	
						0.01 ... 0.7	DB300-021	
						0.03 ... 2.0	DB300-02A	
						0.07 ... 4.0	DB300-02B	
						0.14 ... 7.0	DB300-02C	
57	126	19	1 100	10	G $\frac{3}{8}$	0.001... 0.14	DB300-030	
						0.01 ... 0.7	DB300-031	
						0.03 ... 2.0	DB300-03A	
						0.07 ... 4.0	DB300-03B	
						0.14 ... 7.0	DB300-03C	



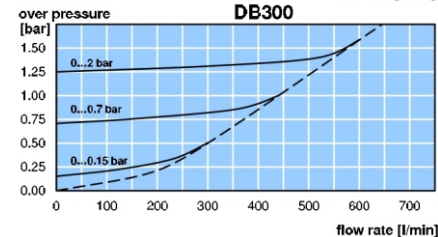
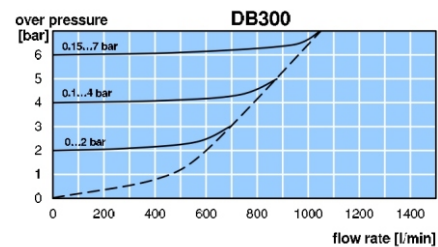
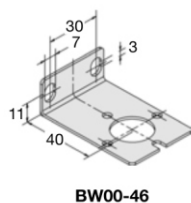
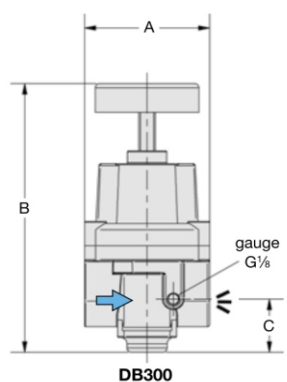
### Special options, add the appropriate letter

<b>NPT</b>	connection thread	DB300-0..N
<b>tamper-proof cap</b>	aluminium, adjustment by screwdriver, total height 141 mm	DB300-0..T
<b>FKM elastomer</b>		DB300-0..V



### Accessories, enclosed

<b>pressure gauge</b>	Ø 63 mm, 0... 160 mbar, G $\frac{1}{4}$ - connecting parts required Ø 50 mm, 0...*2 bar, G $\frac{1}{8}$	<b>MA6302-C2</b> <b>MA5001-..*2</b>
<b>connecting parts gauge</b>	made of brass, adapter G $\frac{1}{8}$ a - G $\frac{1}{4}$ i	<b>AM-04</b>
<b>mounting bracket</b>	made of steel	<b>BW00-46</b>



\*1 at 7 bar overpressure and open outlet  
\*2 01 = 0...1 bar, 02 = 0...2.5 bar, 04 = 0...4 bar, 10 = 0...10 bar

