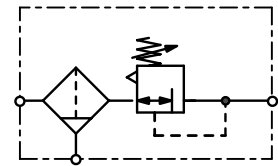


<b>Description</b>	Filter pressure regulator especially for low temperatures as well as supply of instruments.
<b>Media</b>	compressed air or non-corrosive gases
<b>Supply pressure</b>	max. 17 bar
<b>Supply sensitivity</b>	10 mbar outlet pressure deviation at supply pressure variation of 1 bar
<b>Air consumption</b>	<b>max 2 l/min subject to outlet pressure</b>
<b>Adjustment</b>	by square-headed spindle (spanner size 8 mm) with locknut
<b>Relieving function</b>	relieving, optionally non-relieving
<b>Gauge port</b>	1/4" NPT on one side of the body, one screw plug supplied
<b>Filter element</b>	40 µm, optionally 5 µm, made of impregnated cellulose
<b>Drainage</b>	manual drain
<b>Temperature range</b>	0 °C to 50 °C / 32 °F to 122 °F, for appropriately conditioned compressed air down to -40 °C / -40 °F
<b>Material</b>	Body: aluminium die-cast Spring cage: aluminium die-cast Elastomer: nylon-reinforced NBR/Buna-N, optionally FKM Inner valve: brass, acetal, galvanised steel



1/4" NPT

Dimensions			Bowl		Flow		P <sub>1</sub>	Connection	Pressure	Order	
A	B	C	Design	Capacity	rate	rate	max.	thread	range	number	
mm	mm	mm	made of	l	m³/h*1	l/min*1	bar	NPT	bar		B*

Filter pressure regulator										with manual drain, relieving, with air consumption without gauge, 40 µm filter element	B300
197	80	83	metal	0.1	33	550	17	1/4" NPT	0...0.7		B300-020
									0...2.0		B300-02A
									0...4.0		B300-02B
									0...8.0		B300-02C



B300

## Special options, add the appropriate letter

5 µm filter element		B300-02 . G
non-relieving	without relieving function and without air consumption	B300-02 . K
tapped exhaust	1/4" NPT	B300-02 . X12
tamper-proof cap		B300-02 . T
FKM-elastomer		B300-02 . V



cross-section

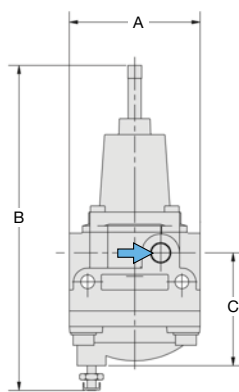
## Accessories, enclosed

mounting bracket	mounting at spring cage, made of steel	BW00-38
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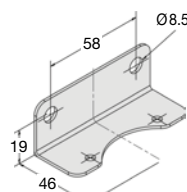
Filter  
regulator



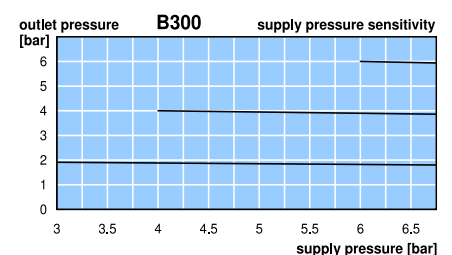
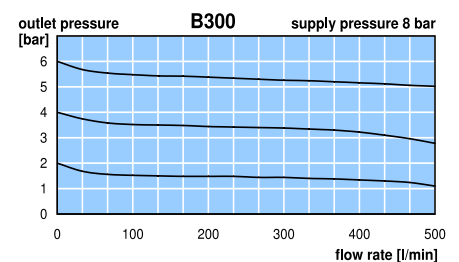
17



B300



BW00-38



\*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop

\* Product group

PDF CAD  
www.aircom.net



Order example:  
B300-020