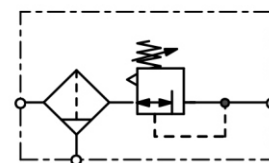


B300 - Combiné filtre-régulateur, précis, pour les basses températures, jusqu'à -40 °C

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

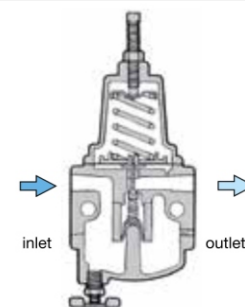


B300

Dimensions			Bowl		Flow rate		P _i	Connection	Pressure range	Order number
A	B	C	Design	Capacity	m³/h*1	l/min*1	max.	thread	bar	
mm	mm	mm	made of	l			bar	NPT	bar	
Filter pressure regulator										B300
with manual drain, relieving, with air consumption										
without gauge, 40 µm filter element										
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

Special options, add the appropriate letter

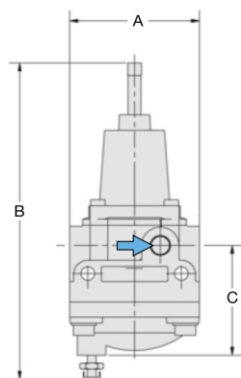
5 µm filter element		B300-02 . G
non-relieving	without relieving function and without air consumption	B300-02 . K
tapped exhaust	1/4" NPT	B300-02 . X12
tamper-proof cap		B300-02 . T
FKM-elastomer		B300-02 . V



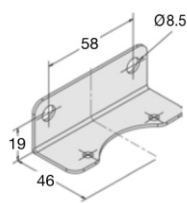
cross-section

Accessories, enclosed

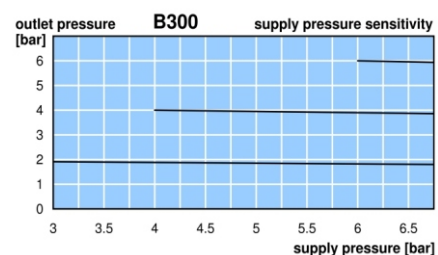
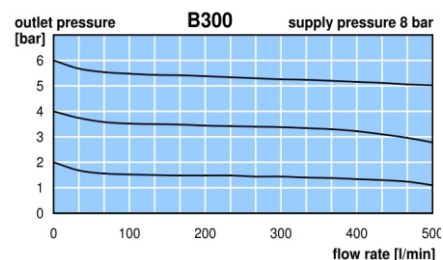
mounting bracket	mounting at spring cage, made of steel	BW00-38
------------------	--	----------------



B300



BW00-38



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