

Description Regulator of small, compact design, ideal for limited space conditions. Application examples are the chemistry, petroleum processing as well as food industry and medical technology.

Media compressed air, gases or liquids

Supply pressure max. 21 bar

Adjustment by plastic knob with snap-lock, optionally by T-handle at B558

Relieving function relieving, optionally non-relieving

Gauge port G $\frac{1}{4}$ on both sides of the body, screw plugs supplied

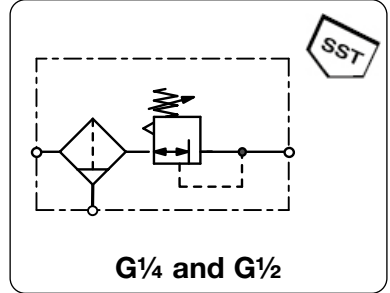
Filter element 20 μ m at B548, 40 μ m at B11, made of polypropylene

Bowl stainless steel version without sight glass

Drainage manual drain as standard for max. 21 bar, optionally automatic drain for max. 12 bar

Temperature range 0 °C to 80 °C / 32 °F to 176 °F, max. 50 °C / 122 °F at automatic drain version

Material Body: stainless steel 316, material no. 1.4401
 Spring cage: glass fibre-reinforced plastic at B11 and B548, stainless steel 316 / 1.4401 at B558
 Elastomer: FKM
 Inner valve: stainless steel 316, material no. 1.4401 and plastic



Dimensions			Bowl capacity	Flow rate	Supply Connection max.	Pressure range	Order number
A	B	C					
mm	mm	mm	l	m 3 /h*1	l/min*1	bar	G

Miniature filter pressure regulator							manual drain, relieving, w/o gauge, 20 μ m filter element	B548-S
40	156	95	0.04	27	450	21	G $\frac{1}{4}$	0.2...1.8 B548-02DHAS 0.2...4.0 B548-02DHBS 0.3...9.0 B548-02DHCS



"Midi" filter pressure regulator							manual drain, relieving, w/o gauge, 40 μ m filter element	B11-S
62	216	125	0.12	138	2300	21	G $\frac{1}{2}$	0.2...1.8 B11-04DJAS 0.2...4.0 B11-04DJBS 0.3...9.0 B11-04DJCS 0.5...17 B11-04DJDS



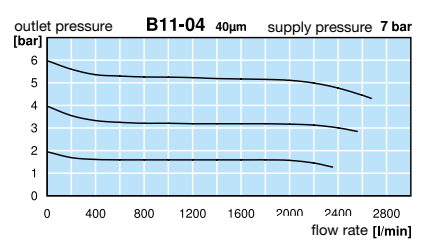
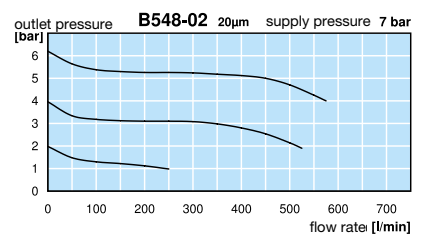
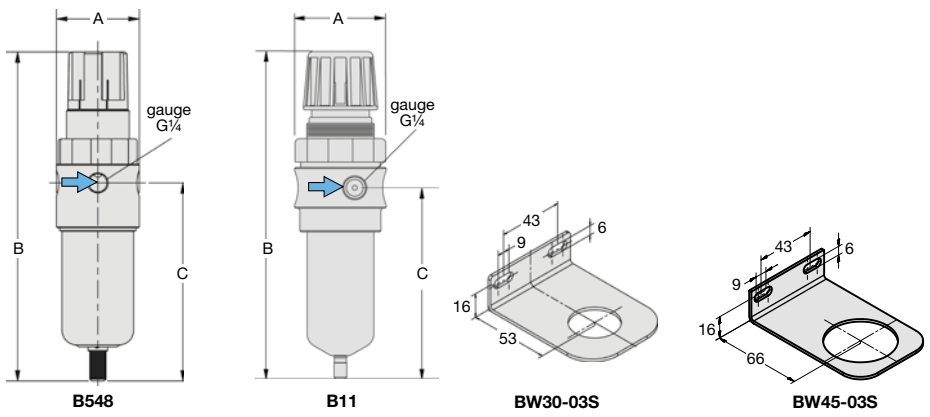
Special options, add the appropriate letter

5 μ m filter element B...-0...G...
NPT connection thread B...-0...N
automatic drain made of SST, SA10MDSS, max. 12 bar for B11 B11-04...R
non-relieving without relieving function B...-0...K
SST spring cage incl. SST adjusting screw, height B =141 mm for B548 B558-02D...
 incl. SST adjusting screw, height B =246 mm for B11 B12-04D...

Accessories, enclosed

pressure gauge \varnothing 40 mm, 0...*2 bar, G $\frac{1}{4}$ for B548 **MS4002-..*2**
 \varnothing 50 mm, 0...*2 bar, G $\frac{1}{4}$ for B11 **MS5002-..*2**

mounting bracket for B548 **BW30-03S**
mounting nut for B548 **M30x1,5S**
mounting bracket for B11 **BW45-03S**
mounting nut for B11 **M45x1,5S**



*1 at 7 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop *2 04 = 0...4 bar, 10 = 0...10 bar, 16 = 0...16 bar

Extensions: see chapter for FRL service units
 Gauges: see chapter for measuring devices
 Spare parts: see separate spare parts list

PDF CAD
www.aircom.net

Order example:
B548-02DHAS

