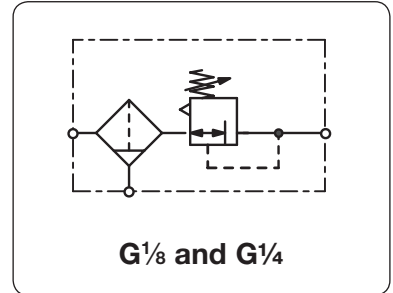


Description	Regulator of small and compact design, ideal for limited space conditions.	
Media	compressed air or non-corrosive gases	
Supply pressure	max. 11 bar for plastic bowl, max. 21 bar for metal bowl	
Adjustment	by plastic knob with snap-lock	
Relieving function	relieving	
Gauge port	G $\frac{1}{8}$ on both sides of the body, screw plugs supplied	
Filter element	20 μ m, optionally 5 μ m, made of polypropylene	
Bowl	plastic or metal version	
Drainage	manual drain as standard, for max. 21 bar semiautomatic drain as option, for max. 12 bar	
Temperature range	0 °C to 50 °C / 32 °F to 122 °F for plastic bowl and semiautomatic drain version 0 °C to 80 °C / 32 °F to 176 °F for metal bowl	
Material	Body: aluminium Spring cage: glass fibre-reinforced plastic Bowl: polyurethane or zinc die-cast	Elastomer: NBR/Buna-N Inner valve: brass



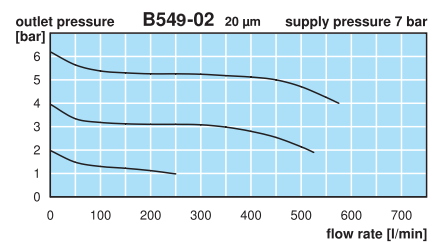
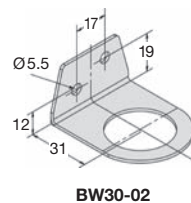
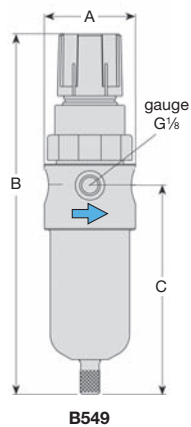
Dimensions			Bowl	Flow	Supply	Connection	Pressure	Order
A	B	C	Design	Capacity	rate	thread	range	number
mm	mm	mm	made of	l	m 3 /h*1	G	bar	

Miniature filter regulator										with manual drain, relieving, w/o pressure gauge, 20 μ m filter element	B549
40	152	86	plastic	0.04	27	450	11	G $\frac{1}{8}$	0.2...1.8	B549-01AHA	
									0.2...4.0	B549-01AHB	
									0.3...9.0	B549-01AHC	
			metal				21		0.2...1.8	B549-01DHA	
									0.2...4.0	B549-01DHB	
									0.3...9.0	B549-01DHC	
40	152	86	plastic	0.04	27	450	11	G $\frac{1}{4}$	0.2...1.8	B549-02AHA	
									0.2...4.0	B549-02AHB	
									0.3...9.0	B549-02AHC	
			metal				21		0.2...1.8	B549-02DHA	
									0.2...4.0	B549-02DHB	
									0.3...9.0	B549-02DHC	



Special options, add the appropriate letter		
5 μm filter element		B549-0 . . G .
NPT	connection thread	B549-0 N
non-relieving	without relieving function	B549-0 K
semiautomatic drain	RK500SY, max. 12 bar	B549-0 M
fibreglass spring cage	max. 80 °C / 176 °F, metal bowl	B549-0 . D . . X57

Accessories, enclosed		
pressure gauge	Ø 40 mm, 0...*2 bar, G $\frac{1}{8}$	MA4001- . . *2
mounting bracket	made of steel	BW30-02
mounting nut	made of plastic	M30x1,5K
	made of aluminium	M30x1,5A



*1 at 7 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop
*2 02 = 0...2.5 bar, 04 = 0...4 bar, 10 = 0...10 bar



Order example:
B549-01AHA
China website: www.duray-control.cn

