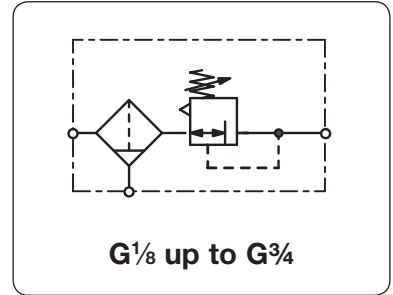


Cube Filter Pressure Regulator

B36 / B76 / B106

Description	Modular cube filter pressure regulator. Threads of ports in body or in end plates. Integrated wall mounting system, no brackets necessary. Pressure adjustment by tamper-proof plastic knob.	
Media	compressed air or non-corrosive gases	Relieving function relieving
Supply pressure	max. 11 bar for plastic bowl, max. 21 bar for metal bowl without sight glass	max. 17 bar for metal bowl with sight glass,
Gauge port	G $\frac{1}{8}$ at B36 and B76 or G $\frac{1}{4}$ at B106, on both sides of the body, screw plugs supplied	
Filter element	20 μ m or 40 μ m, optionally 5 μ m or 20 μ m,	made of polypropylene
Bowl	plastic version with or without bowl guard,	metal version with or without all-around sight glass
Drainage	manual drain as standard for max. 21 bar,	optionally automatic or semiautomatic drain for max. 12 bar
Temperature range	0 °C to 50 °C / 32 °F to 122 °F for plastic bowl or (semi-)automatic drain version 0 °C to 70 °C / 32 °F to 158 °F for metal bowl with sight glass 0 °C to 80 °C / 32 °F to 176 °F for metal bowl without sight glass for appropriately conditioned compressed air down to -30 °C / -22 °F	
Material	Body: zinc die-cast at B36 and B76, Spring cage: glass fibre-reinforced plastic Elastomer: NBR/Buna-N	aluminium at B106 Bowl: polyurethane or zinc die-cast Inner valve: brass



Dimensions			Bowl	Flow	Supply	Filter	Connection	Order
A	B	C	Design	Capacity	rate	element	thread	number
mm	mm	mm	made of / with	l	m 3 /h*1 l/min*1	μ m	G	

Cube filter regulator										with manual drain, relieving, without gauge, pressure range 0.3 ... 9 bar		B36 / B76 / B106							
40	178	108	plastic	0.05	54	900	11	20	G $\frac{1}{8}$	B 36-01AHC		B 36-01DHC	B 36-01WHC						
			metal							21									
			metal / sight glass							17									
56	208	138	plastic	0.05	66	1100	11	20	G $\frac{1}{4}$	B 36-02AHC		B 36-02DHC	B 36-02WHC						
			metal							21									
			metal / sight glass							17									
68	262	169	plastic	0.11	114	1900	11	40	G $\frac{3}{8}$	B 76-03AJC		B 76-03BJC	B 76-03DJC						
			plastic / bowl guard							11									
			metal							21									
			metal / sight glass							17									
			plastic							0.11	120			2000	11	40	G $\frac{1}{2}$	B 76-04AJC	
			plastic / bowl guard															11	
metal	21																		
68	262	169	metal / sight glass	17		40	G $\frac{1}{2}$	B 76-04BJC											
			plastic	0.25	234			3900	11	40	G $\frac{1}{2}$	B 106-04AJC							
			plastic / bowl guard									11							
			metal									21							
			68	262	169			metal / sight glass	17		40	G $\frac{3}{4}$	B 106-04BJC						
								plastic	0.25	258			4300	11	40	G $\frac{3}{4}$	B 106-04DJC		
plastic / bowl guard	11																		
metal	21																		
68	262	169				metal / sight glass	17		40	G $\frac{3}{4}$			B 106-04WJC						
						plastic	0.25	258					4300	11	40	G $\frac{3}{4}$	B 106-06AJC		
			plastic / bowl guard	11															
			metal	21															
			68	262	169	metal / sight glass	17				40	G $\frac{3}{4}$	B 106-06BJC						
						plastic	0.25	258					4300	11	40	G $\frac{3}{4}$	B 106-06DJC		
plastic / bowl guard	11																		
metal	21																		
68	262	169				metal / sight glass	17		40	G $\frac{3}{4}$			B 106-06WJC						



B76-03AJC accessory: gauge **B76-03DJC** accessory: gauge



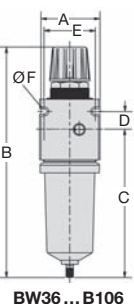
B76-03BJC accessory: gauge **B76-03WJC** accessory: gauge

Special options, add the appropriate letter

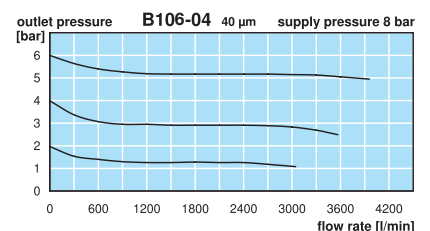
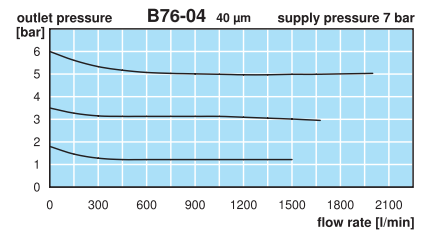
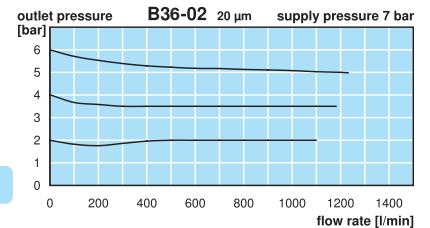
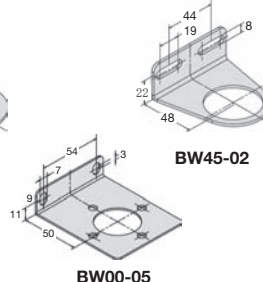
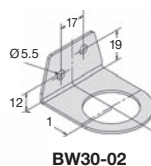
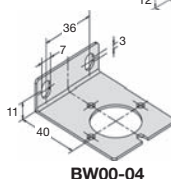
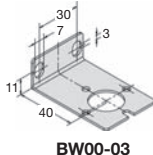
5 μm filter element		for B106	B106-0.. G.
20 μm filter element	EK100H	for B106	B106-0.. H.
semiautomatic drain	PKF36, piston drain, RK500SY, spring-loaded,	max. 12 bar for B36	B 36-0... S
automatic drain	SA605MD, SAF106MD,	max. 12 bar for B76	B...0... M
		max. 12 bar for B106	B 76-0... R
			B106-0... R

Accessories, enclosed

pressure gauge	\varnothing 40 mm, 0...*2 bar, G $\frac{1}{8}$ \varnothing 50 mm, 0...*2 bar, G $\frac{1}{8}$ \varnothing 63 mm, 0...*2 bar, G $\frac{1}{4}$	for B36 for B76 for B106	MA4001-..*2 MA5001-..*2 MA6302-..*2
mounting bracket	made of steel, mounting at the spring cage	for B36 / B76 for B106	BW30-02 BW45-02
mounting nut	made of plastic for B36 / B76 made of aluminium for B36 / B76	M30x1,5K M30x1,5A	for B106 for B106
mounting bracket	made of steel, side mounting for B76	BW00-04	for B36 for B106



Series	D	E	Ø F
B 36	14	33	4.5
B 76	18	42	5.5
B 106	20	58	6.5



*1 at 7 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop

*2 04 = 0...4 bar, 10 = 0...10 bar, 25 = 0...25 bar



Order example:
B36-01AHC

China website: www.duray-control.cn