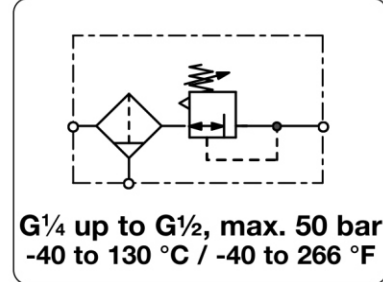


BM - Combiné filtre-régulateur très robuste, pour air comprimé, gaz et liquides, bol en acier inoxydable et corps en laiton massif

Description	Filter pressure regulator made of solid brass, with bowl without sight glass. The control system is a membrane. compressed air, non-corrosive gases or liquids				
Media	max. 50 bar (without drain)				
Supply pressure	by black plastic knob at size G¼,		Relieving function	relieving, optionally non-relieving	
Adjustment	G¼ on both sides of the body, one screw plug supplied		by T-handle with locknut at G½		
Gauge port	50 µm, optionally 5 µm, made of stainless steel				
Filter element	stainless steel version without sight glass				
Bowl	screw plug as standard, optionally manual drain (max. 30 bar) or automatic drain (max. 16 bar)				
Drainage					
Temperature range	0 °C to 80 °C / 32 °F to 176 °F for FKM 0 °C to 130 °C / 32 °F to 266 °F for high temperature version for appropriately conditioned compressed air down to -20 °C / -4 °F or low temperature version down to -40 °C/ -40 °F				
Material	Body:	brass	Bowl:	stainless steel 316L / material no. 1.4404	
	Diaphragm:	NBR/Buna-N with PTFE coating	O-rings:	FKM	
	Knob:	plastic at sizes G¼, brass at G½	Inner valve:	brass and plastic (not at option X54)	



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

Brass filter regulator			with screw plug, relieving, without gauge, 50 μ m filter element supply pressure max. 50 bar, pressure range 0.5...8 bar					BM
64	220	123	stainless steel	0,17	84	1400	G $\frac{1}{4}$	BM-02
79	247	127	stainless steel	0,28	228	3800	G $\frac{1}{2}$	BM-04



BM-02

Special options, add the appropriate letter

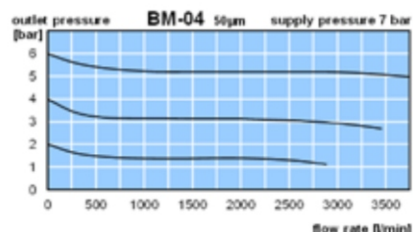
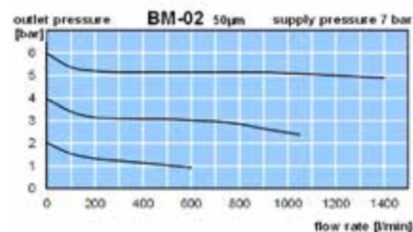
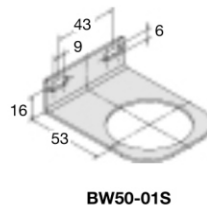
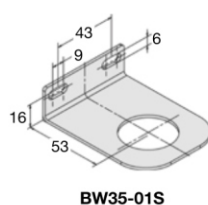
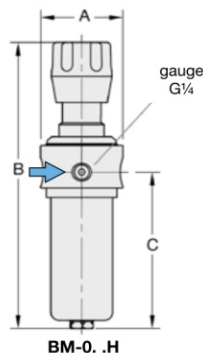
5 μ m filter element						BM- . . G
0.2... 3 bar range						BM- . . B
1 ...15 bar range						BM- . . D
manual drain			max. 30 bar			BM- . . H
automatic drain			made of stainless steel, max. 16 bar	for G $\frac{1}{4}$ (02) to G2		BM- . . R
non-relieving			without relieving function			BM- . . K
down to -40 °C / -40 °F			low temperature version			BM- . . X51
up to 130 °C / 266 °F			high temperature version			BM- . . X54
T-handle			instead of adjusting knob	for G $\frac{1}{4}$		BM- . . T
nitrogen	N $_2$: 07 +5%	carbon dioxide	CO $_2$: 03	argon	Ar:	BM- . . 05
helium	He: 09	hydrogen	H $_2$: 11	methane	CH $_4$:	BM- . . 13
oxygen	O $_2$: 15	propane	C $_3$ H $_8$: 16	nitrous oxide	N $_2$ O:	BM- . . 17
flange connection			according to EN-1092-1 or ASME B16.5	on request		BM- . . F.



BM-04

Accessories, enclosed

pressure gauge	Ø 50 mm, 0...*2 bar, G $\frac{1}{4}$	MA5002- . . *2
gauge -40 °C/-40 °F to 130 °C/266 °F	Ø . . mm, 0...*2 bar, G $\frac{1}{4}$	MS6302- . . *2
mounting bracket	made of stainless steel for G $\frac{1}{4}$	BW35-01S
mounting nut		M35x1,5S
mounting bracket	made of stainless steel for G $\frac{1}{2}$	BW50-01S
mounting nut		M50x1,5S



*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