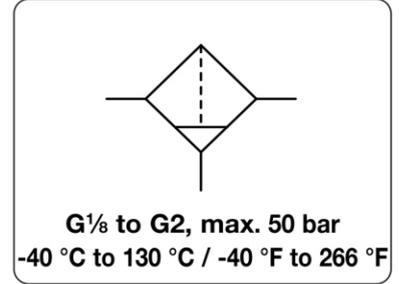


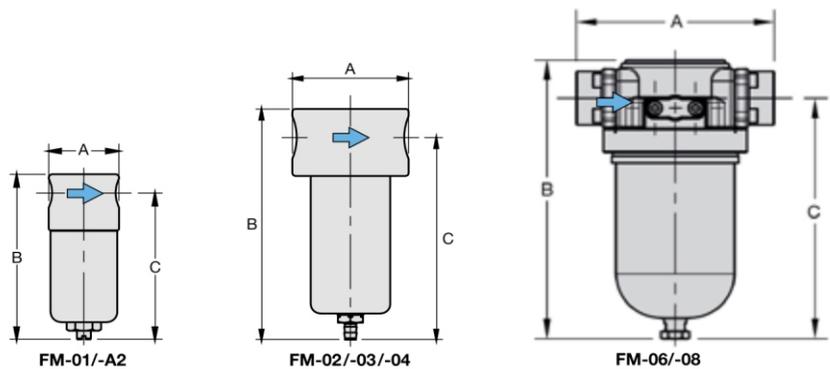
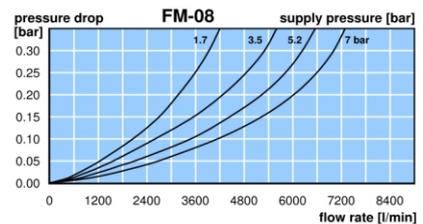
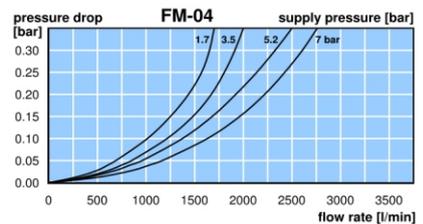
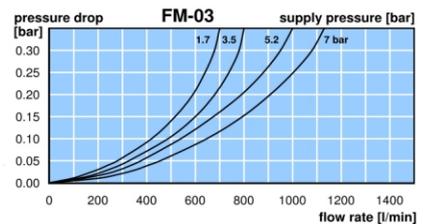
FM - Filtre très robuste pour air comprimé, gaz et liquides, bol en acier inoxydable et corps en laiton

Description	Filter with bowl without sight glass, extremely robust, for compressed air, non-corrosive gases or liquids.
Filter element	50 µm, optionally 5 µm, made of stainless steel, Coalescing filter 0.01 µm at 99.99 % Bowl stainless steel version without sight glass
Drainage	screw plug as standard optionally for compressed air only: manual drain (max. 30 bar), automatic drain (max. 16 bar) max. 50 bar (without drain), optionally manual drain (max. 30 bar) or automatic drain (max. 16 bar)
Operating pressure	max. 50 bar (without drain), optionally manual drain (max. 30 bar) or automatic drain (max. 16 bar)
Temperature range	0 °C to 80 °C / 32 °F to 140 °F, for FKM or EPDM, 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, brass at FM-01/-A2 Elastomer: FKM, optionally EPDM Inner valve: brass and plastic (not at high temperature version)



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

Brass filter			with screw plug, operating pressure max. 50 bar, 50 µm				FM			
40	92	81	stainless steel	0.03	45	750	50	50	G ¹ / ₈	FM-01 FM-01G
40	92	81	stainless steel	0.03	45	750	50	5	G ¹ / ₄	FM-A2 FM-A2G
64	140	125	stainless steel	0.14	54	900	50	50	G ¹ / ₄	FM-02 FM-02G FM-02I
64	149	133						0.01		
64	140	125	stainless steel	0.14	60	1000	50	50	G ³ / ₈	FM-03 FM-03G FM-03I
64	149	133						0.01		
79	150	130	stainless steel	0.20	150	2500	50	50	G ¹ / ₂	FM-04 FM-04G FM-04I
79	158	138						5		
136	194	167	stainless steel	0.50	432	7200	50	50	G ³ / ₄	FM-06 FM-06G FM-06I
								5		
								0.01		
136	194	167	stainless steel	0.50	432	7200	50	50	G ₁	FM-08 FM-08G FM-08I
								5		
								0.01		
247	194	167	stainless steel	0.50	432	7200	50	50	G ¹ / ₄	FM-10 FM-10G FM-10I
								5		
								0.01		
247	194	167	stainless steel	0.50	432	7200	50	50	G ¹ / ₂	FM-1A FM-1AG FM-1AI
								5		
								0.01		
174	248	213	stainless steel	1.00	1380	23000	50	50	G ¹ / ₂	FM-12 FM-12G
						1050	17500	5		
174	248	213	stainless steel	1.00	1380	23000	50	50	G ₂	FM-16 FM-16G
						1050	17500	5		

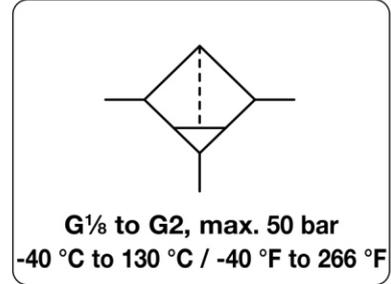


*1 at 7 bar operating pressure and 0.33 bar pressure drop



FM - Filtre très robuste pour air comprimé, gaz et liquides, bol en acier inoxydable et corps en laiton

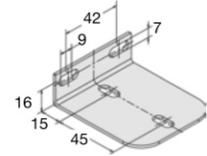
Description	Filter with bowl without sight glass, extremely robust, for compressed air, non-corrosive gases or liquids.
Filter element	50 µm, optionally 5 µm, made of stainless steel, Coalescing filter 0.01 µm at 99.99 % Bowl stainless steel version without sight glass
Drainage	screw plug as standard optionally for compressed air only: manual drain (max. 30 bar), automatic drain (max. 16 bar)
Operating pressure	max. 50 bar (without drain), optionally manual drain (max. 30 bar) or automatic drain (max. 16 bar)
Temperature range	0 °C to 80 °C / 32 °F to 140 °F, for FKM or EPDM, 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, brass at FM-01/-A2 Elastomer: FKM, optionally EPDM Inner valve: brass and plastic (not at high temperature version)



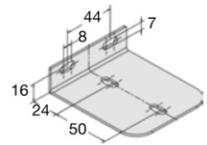
Dimensions			Bowl	Flow	Supply	Filter	Connection	Order
A	B	C	Design	Capacity	rate	element	thread	number
mm	mm	mm	made of	l	m ³ /h*1	l/min*1	µm	G

Special options, add the appropriate letter

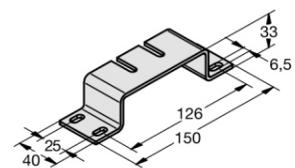
NPT	connection thread	FM-..N
down to -40 °C	low temperature version	FM-..X51
upto 130 °C	high temperature version	FM-..X54
manual drain	max. 30 bar	FM-..H
automatic drain	made of SST, max. 16 bar	FM-..R
EPDM-elastomer		FM-..E
carbon dioxide	CO ₂	FM-..03
argon	Ar	FM-..05
nitrogen	N ₂	FM-..07
helium	He	FM-..09
hydrogen	H ₂	FM-..11
methane	CH ₄	FM-..13
oxygen	O ₂	FM-..15
propane	C ₃ H ₈	FM-..16
nitrous oxide	N ₂ O	FM-..17
for water	50 µm only	FM-..W
flange connection	according to EN-1092-1 or ASME B16.5	FM-..F.



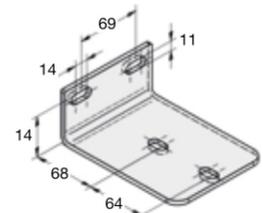
BW00-17S



BW00-18S



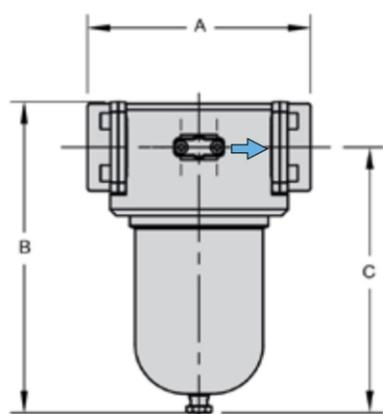
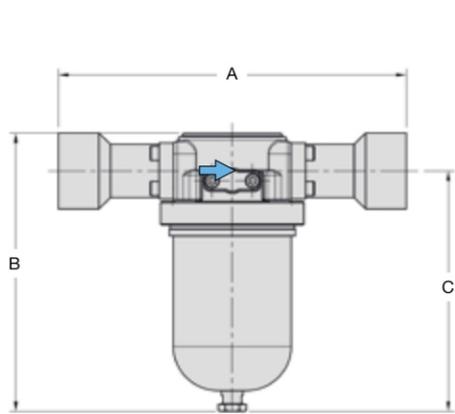
BW00-59S



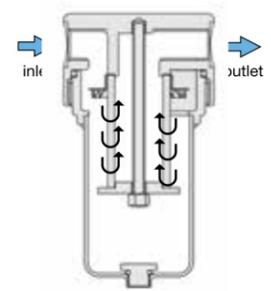
BW00-63S

Accessories, enclosed

mounting bracket	made of stainless steel	for G ¹ / ₄ (02) and G ³ / ₈	BW00-17S
		for G ¹ / ₂	BW00-18S
		for G ³ / ₄ to G ¹ / ₂ (1A)	BW00-19S
set of brackets	made of stainless steel	for G ¹ / ₂ (12) and G2	BW00-63S



FM-12/-16



cross-section

*1 at 7 bar operating pressure and 0.33 bar pressure drop

