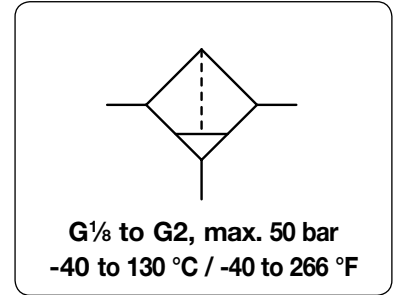


Compressed Air Filter Made of Brass, up to 50 bar

FM

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
Bowl	stainless steel version without sight glass
Drainage	screw plug as standard, optionally manual drain (max. 30 bar) or automatic drain (max. 16 bar)
Operating pressure	max. 50 bar (without drain)
Temperature range	0 °C to 60 °C / 32 °F to 140 °F for NBR/Buna-N or FKM, for appropriately conditioned compressed air down to -20 °C / -4 °F 0 °C to 130 °C / 32 °F to 266 °F for high temperature version -40 °C to 60 °C / -40 °F to 140 °F for low temperature version
Material	Body: brass Bowl: stainless steel 316L, material no 1.4404, brass at FM-01/-A2 Elastomer: NBR/Buna-N, optionally FKM 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	µm	G	

Brass filter up to 50 bar with screw plug, operating pressure max. 50 bar, 50 µm										FM
40	95	82	brass	0.04	45	750	50	50	G ¹ / ₈	FM-01
				0.04	45	750			G ¹ / ₄	FM-A2
65	147	133	stainless steel	0.15	54	900	50	50	G ¹ / ₄	FM-02
				0.15	60	1000			G ³ / ₈	FM-03
80	145	123	stainless steel	0.28	150	2500	50	50	G ¹ / ₂	FM-04
				0.28	162	2700			G ³ / ₄	FM-A6
100	191	165	stainless steel	0.58	432	7200	50	50	G ³ / ₄	FM-06
				0.58	432	7200			G1	FM-08
180	308	223	stainless steel	1.00	900	15000	50	50	G1 ¹ / ₂	FM-12
				1.00	960	16000			G2	FM-16

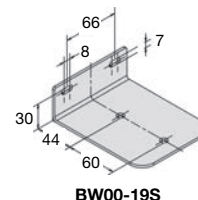
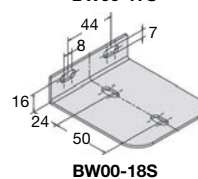
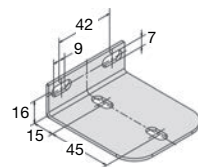
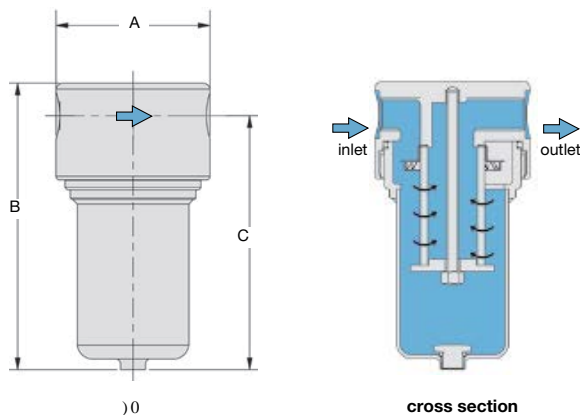
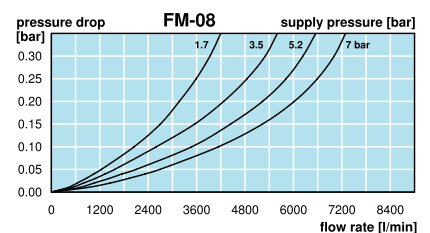
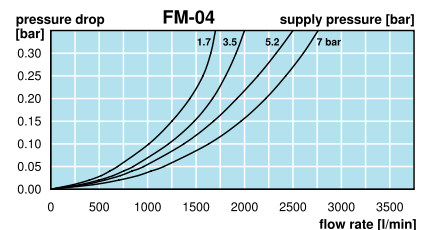
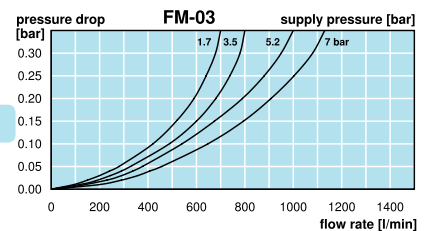


Special options, add the appropriate letter

5 µm filter element		for G ¹ / ₄ (02) and G ³ / ₄ (A6)	FM-..G
		for G ³ / ₄ (06) and G1	FM-..G
		for G1 ¹ / ₂ and G2	FM-..G
NPT		connection thread	FM-..N
down to -40 °C / -40 °F	low temperature version		FM-..X51
up to 130 °C / 266 °F	high temperature version		FM-..X54
FKM elastomer			FM-..V
manual drain	max. 30 bar		FM-..H
automatic drain	made of SST, max. 16 bar	for G ¹ / ₄ (02) to G2	FM-..R
nitrogen N ₂ :	07	carbon dioxide CO ₂ :	03
helium He:	09	hydrogen H ₂ :	11
oxygen O ₂ :	15	propane C ₃ H ₈ :	16
for water	50 µm only	nitrous oxide N ₂ O:	
flange connection	see chapter for stainless steel devices / flanges		FM-..F
		argon Ar:	FM-..05
		methane CH ₄ :	FM-..13
			FM-..17

Accessories, enclosed

mounting bracket	made of stainless steel	for G ¹ / ₄ and G ³ / ₈	BW00-17S
		for G ¹ / ₂ and G ³ / ₄ (A6)	BW00-18S
		for G ³ / ₄ (06) and G1	BW00-19S



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



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