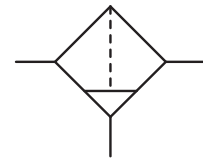


Description	Filter with bowl without sight glass completely made of stainless steel, extremely robust, suitable for compressed air, gases or liquids. Application examples are the chemistry, petroleum processing as well as food industry and medical technology.
Filter element	50 µm, optionally 5 µm, made of stainless steel, coalescing filter 0.1 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 176 °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: stainless steel 316L, material no. 1.4404 Bowl: stainless steel 316L, material no. 1.4404 Elastomer: FKM, optionally EPDM Inner valve: stainless steel 316L, material no. 1.4404



SST

G¹/₄ up to G², max. 80 bar
-40 °C to 130 °C, FDA

Dimensions			Bowl capacity	Flow rate	P ₁ max.	Filter element	Connection thread	Order number
A	B	C						
mm	mm	mm	l	m ³ /h*1	l/min*1	µm	G	

Stainless steel filter, up to 50 bar with screw plug F3000

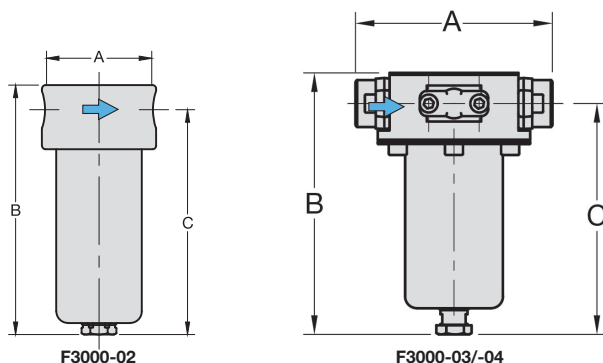
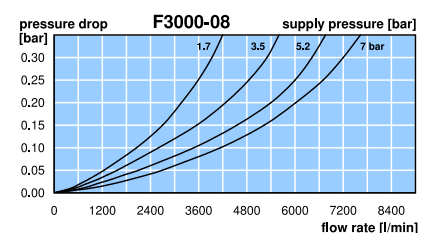
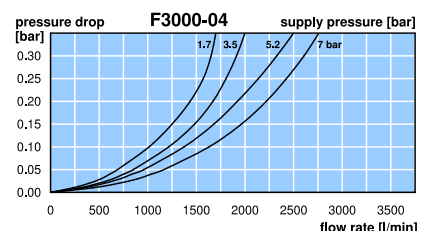
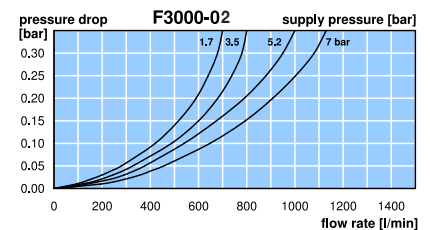
64	140	125	0,14	54	900	50	50	G ¹ / ₄	F3000-02
							5		F3000-02G
							0,01		F3000-02I
64	140	133							
109	145	128		150	2500	50	50	G ³ / ₈	F3000-03
							5		F3000-03G
							0,01		F3000-03I
64	149	133	0,14	54	900	50	0,01		
109	145	128		150	2500	50	50	G ¹ / ₂	F3000-04
							5		F3000-04G
			0,2				0,01		F3000-04I
79	158	138		150	2500	50	0,01		
137	198	171	0,50	432	7200	50	50	G ³ / ₄	F3000-06
							5		F3000-06G
			0,2				0,01		F3000-06I
137	198	171	0,80	432	7200	50	50	G1	F3000-08
							5		F3000-08G
							0,01		F3000-08I
241	198	171	0,50	432	7200	50	50	G1 ¹ / ₄	F3000-10
							5		F3000-10G
							0,01		F3000-10I
241	198	171	0,50	432	7200	50	50	G1 ¹ / ₂	F3000-1A
							5		F3000-1AG
							0,01		F3000-1AI
174	248	218	1,00	1380	23000	50	50	G1 ¹ / ₂	F3000-12
				1050	17500		5		F3000-12G
174	248	218	1,00	1380	23000	50	50	G2	F3000-16
				1050	17500		5		F3000-16G



F3000-02



F3000-03/-04



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

Extensions: see chapter for FRL service units

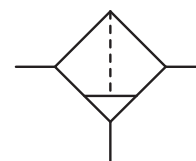
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SST

SST
15

Description	Filter with bowl without sight glass completely made of stainless steel, extremely robust, suitable for compressed air, gases or liquids. Application examples are the chemistry, petroleum processing as well as food industry and medical technology.
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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 176 °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: stainless steel 316L, material no. 1.4404 Bowl: stainless steel 316L, material no. 1.4404 Elastomer: FKM, optionally EPDM Inner valve: stainless steel 316L, material no. 1.4404

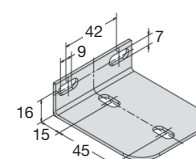


**G¹/₄ up to G², max. 80 bar
-40 °C to 130 °C, FDA**

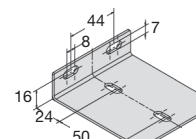
Dimensions	Bowl capacity	Flow rate	P ₁ max.	Filter element	Connection thread	Order number
A B C	l	m ³ /h*1 l/min*1	bar	µm	G	
mm mm mm						

Special options, add the appropriate letter

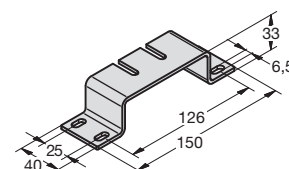
NPT	connection thread	F3000-...N
P₁: max. 80 bar		F3000-...X48
down to -40 °C / -40 °F	low temperature version	F3000-...X51
up to 130 °C / 266 °F	high temperature version	F3000-...X54
manual drain	max. 30 bar	F3000-...H
automatic drain	max. 16 bar	F3000-...R
EPDM-elastomer		F3000-...E
EPDM-elastomer	FDA-approval	F3000-...TD
ammonia	NH ₃	F3000-...02
carbon dioxide	CO ₂	F3000-...03
argon	Ar	F3000-...05
nitrogen	N ₂	F3000-...07
helium	He	F3000-...09
hydrogen	H ₂	F3000-...11
methane	CH ₄	F3000-...13
natural gas *2		F3000-...14
oxygen	O ₂	F3000-...15
propane	C ₃ H ₈	F3000-...16
nitrous oxide	N ₂ O	F3000-...17
water	H ₂ O	F3000-...W
flange connection	according to EN-1092-1 or ASME B16.5 on request	F3000-...F



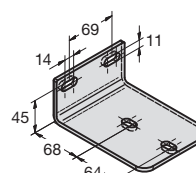
BW00-17S



BW00-18S



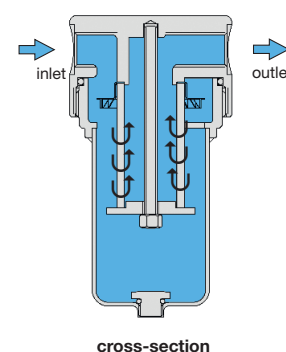
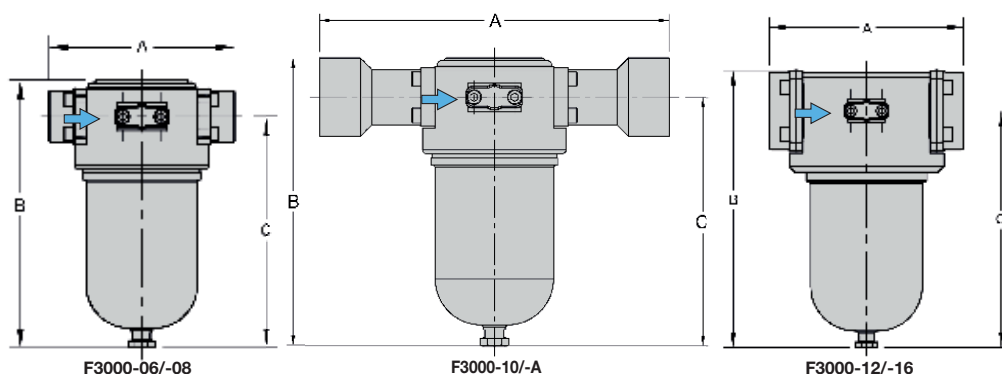
BW00-59S



BW00-63S

Accessories, enclosed

mounting bracket	for G ¹ / ₄	BW00-17S
	for G ¹ / ₂ (only 04I)	BW00-18S
	for G ³ / ₈ to G ¹ / ₂ (1A)	BW00-59S
	for G ¹ / ₂ (1A) and G ²	BW00-63S



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

*2 without DVWG-approval

Extensions: see chapter for FRL service units

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