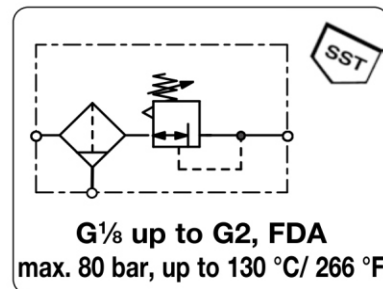


B3000 - Combiné filtre-régulateur en acier inoxydable 316L, pour air comprimé, gaz et liquides, pour ambiance agressive

Description	Filter pressure regulator with bowl without sight glass, completely made of stainless steel. Diaphragm-operated, from size G $\frac{3}{8}$ on piston-operated.
Media	compressed air, gases or liquids
Supply pressure	max. 16 bar, 50 bar or 80 bar (only with locking screw)
Adjustment	by adjusting screw, from B3000-12 on with T-handle, max. 50 bar for B3000-02 to -16, optionally 80 bar
Relieving function	relieving, optionally non-relieving
Gauge port	G $\frac{1}{4}$ on both sides of the body, G $\frac{1}{8}$ for B3000-01/-A2, one screw plug supplied
Filter element	50 μ m and 5 μ m, made of stainless steel Bowl stainless steel version without sight glass
Drain	manual drain (max. 30 bar), screw plug for 50 bar and 80 bar version automatic drain (max. 16 bar) for G $\frac{1}{4}$ (02) up to G1
Temperature range	-20 °C to 80 °C / -4 °F to 176 °F for NBR/Buna-N, EPDM or FKM -20 °C to 130 °C / -4 °F to 266 °F for high temperature version or low temperature version down to -40 °C / -40 °F
Werkstoffe	Body / Bowl / Inner valve : stainless steel 316L, material-no. 1.4404 O-rings: FKM, optionally EPDM Diaphragm: NBR/Buna-N with PTFE-coating



Dimensions			Bowl capacity l	Flow rate l/min*1	Filter element μ m	Connection thread G	Pressure range bar	Order number
A	B	C						

Filter pressure regulator				with screw plug, relieving, w/o gauge, supply pressure max. 30 / 50 bar				B3000	
40	147	83	0,03	200	5	G $\frac{1}{8}$	0.8... 8	B3000-01GH	
							1.5... 15	B3000-01GDH	
							0.8... 8	B3000-01H	
							1.5... 15	B3000-01DH	
40	147	83	0,03	200	5	G $\frac{1}{4}$	0.8... 8	B3000-A2GH	
							1.5... 15	B3000-A2GDH	
							0.8... 8	B3000-A2H	
							1.5... 15	B3000-A2DH	
64	249	128	0,14	600	5	G $\frac{1}{4}$	0.8... 8	B3000-02G	
							1.5... 15	B3000-02GD	
							0.8... 8	B3000-02	
							1.5... 15	B3000-02D	
109	246	125	0,2	2200	5	G $\frac{3}{8}$	0.8... 8	B3000-03G	
							1.5... 15	B3000-03GD	
							3.0... 30	B3000-03GE	
							5.0... 50	B3000-03GF	
							0.8... 8	B3000-03	
							1.5... 15	B3000-03D	
							3.0... 30	B3000-03E	
							5.0... 50	B3000-03F	
109	246	125	0,2	2200	5	G $\frac{1}{2}$	0.8... 8	B3000-04G	
							1.5... 15	B3000-04GD	
							3.0... 30	B3000-04GE	
							5.0... 50	B3000-04GF	
							0.8... 8	B3000-04	
							1.5... 15	B3000-04D	
							3.0... 30	B3000-04E	
							5.0... 50	B3000-04F	



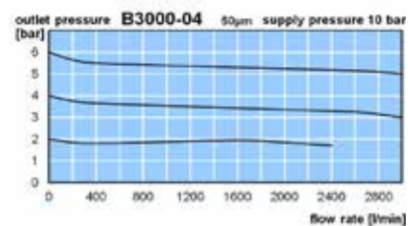
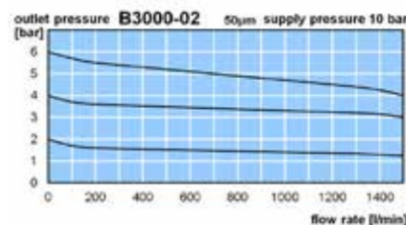
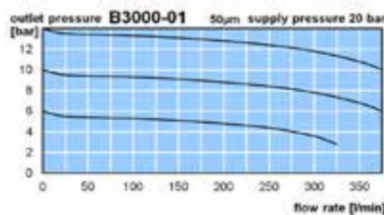
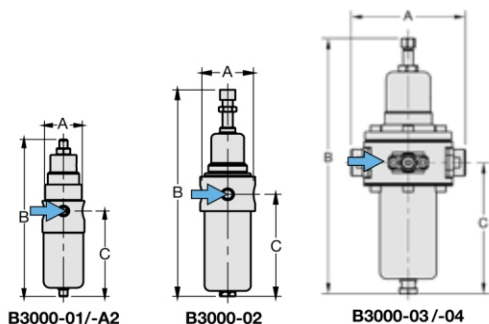
B3000-01/-A2



B3000-02



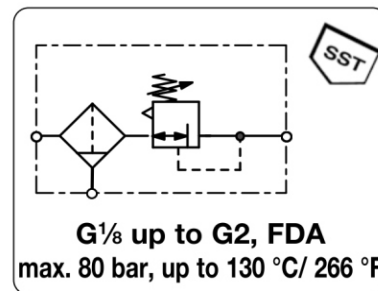
B3000-03/-04



*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure

B3000 - Combiné filtre-régulateur en acier inoxydable 316L, pour air comprimé, gaz et liquides, pour ambiance agressive

Description	Filter pressure regulator with bowl without sight glass, completely made of stainless steel. Diaphragm-operated, from size G $\frac{3}{4}$ on piston-operated.
Media	compressed air, gases or liquids
Supply pressure	max. 16 bar, 50 bar or 80 bar (only with locking screw)
Adjustment	by adjusting screw, from B3000-12 on with T-handle, max. 50 bar for B3000-02 to -16, optionally 80 bar
Relieving function	relieving, optionally non-relieving
Gauge port	G $\frac{1}{4}$ on both sides of the body, G $\frac{3}{8}$ for B3000-01/-A2, one screw plug supplied
Filter element	50 μ m and 5 μ m, made of stainless steel Bowl stainless steel version without sight glass
Drain	manual drain (max. 30 bar), screw plug for 50 bar and 80 bar version automatic drain (max. 16 bar) for G $\frac{1}{4}$ (02) up to G1
Temperature range	-20 °C to 80 °C / -4 °F to 176 °F for NBR/Buna-N, EPDM or FKM -20 °C to 130 °C / -4 °F to 266 °F for high temperature version or low temperature version down to -40 °C / -40 °F
Werkstoffe	Body / Bowl / Inner valve : stainless steel 316L, material-no. 1.4404 O-rings: FKM, optionally EPDM Diaphragm: NBR/Buna-N with PTFE-coating



Dimensions			Bowl capacity	Flow rate	Filter element	Connection thread	Pressure range	Order number
A	B	C						
mm	mm	mm	l	l/min*1	μ m	G	bar	

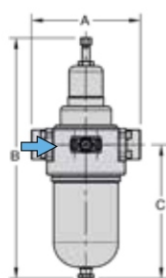
Filter pressure regulator				with screw plug, relieving, w/o gauge, supply pressure max. 30 / 50 bar				B3000	
137	304	168	0,5	4500	5	G $\frac{3}{4}$	0.8... 8	8	B3000-06G
							1.5... 15		B3000-06GD
							3.0... 30		B3000-06GE
							5.0... 50		B3000-06GF
				6000	50		0.8... 8		B3000-06
							1.5... 15		B3000-06D
							3.0... 30		B3000-06E
							5.0... 50		B3000-06F
137	304	168	0,5	4500	5	G1	0.8... 8		B3000-08G
							1.5... 15		B3000-08GD
							3.0... 30		B3000-08GE
							5.0... 50		B3000-08GF
				6000	50		0.8... 8		B3000-08
							1.5... 15		B3000-08D
							3.0... 30		B3000-08E
							5.0... 50		B3000-08F
137	304	168	0,5	4500	5	G1 $\frac{1}{4}$	0.8... 8		B3000-10G
							1.5... 15		B3000-10GD
							3.0... 30		B3000-10GE
							5.0... 50		B3000-10GF
				6000	50		0.8... 8		B3000-10
							1.5... 15		B3000-10D
							3.0... 30		B3000-10E
							5.0... 50		B3000-10F
248	304	168	0,5	4500	5	G1 $\frac{1}{2}$	0.8... 8		B3000-1AG
							1.5... 15		B3000-1AGD
							3.0... 30		B3000-1AGE
							5.0... 50		B3000-1AGF
				6000	50		0.8... 8		B3000-1A
							1.5... 15		B3000-1AD
							3.0... 30		B3000-1AE
							5.0... 50		B3000-1AF



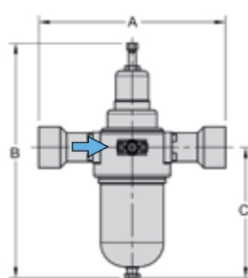
B3000-06 /-08



B3000-10/-1A

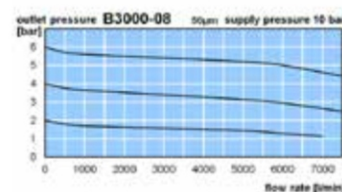


B3000-06/-08



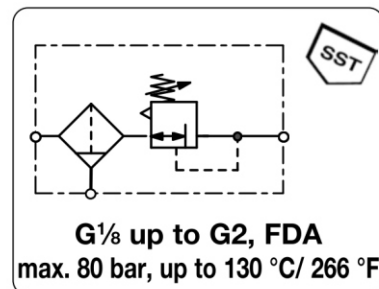
B3000-10/-1A

*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure



B3000 - Combiné filtre-régulateur en acier inoxydable 316L, pour air comprimé, gaz et liquides, pour ambiance agressive

Description	Filter pressure regulator with bowl without sight glass, completely made of stainless steel. Diaphragm-operated, from size G $\frac{3}{4}$ on piston-operated.
Media	compressed air, gases or liquids
Supply pressure	max. 16 bar, 50 bar or 80 bar (only with locking screw)
Adjustment	by adjusting screw, from B3000-12 on with T-handle, max. 50 bar for B3000-02 to -16, optionally 80 bar
Relieving function	relieving, optionally non-relieving
Gauge port	G $\frac{1}{4}$ on both sides of the body, G $\frac{1}{8}$ for B3000-01/-A2, one screw plug supplied
Filter element	50 μ m and 5 μ m, made of stainless steel Bowl stainless steel version without sight glass
Drain	manual drain (max. 30 bar), screw plug for 50 bar and 80 bar version automatic drain (max. 16 bar) for G $\frac{1}{4}$ (02) up to G1
Temperature range	-20 °C to 80 °C / -4 °F to 176 °F for NBR/Buna-N, EPDM or FKM -20 °C to 130 °C / -4 °F to 266 °F for high temperature version or low temperature version down to -40 °C / -40 °F
Werkstoffe	Body / Bowl / Inner valve : stainless steel 316L, material-no. 1.4404 O-rings: FKM, optionally EPDM Diaphragm: NBR/Buna-N with PTFE-coating



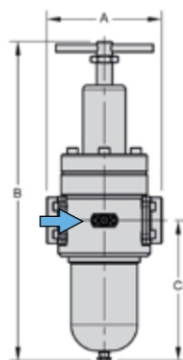
Dimensions			Bowl capacity	Flow rate	Filter element	Connection thread	Pressure range	Order number
A	B	C						
mm	mm	mm	l	l/min*1	μ m	G	bar	

Filter pressure regulator				with screw plug, relieving, w/o gauge, supply pressure max. 30 / 50 bar		B3000		
174	483	213	1,0	17500	5	G1 $\frac{1}{2}$	0.8 ... 8	B3000-12G
							1.5 ... 15	B3000-12GD
							3.0 ... 30	B3000-12GE
							5.0 ... 50	B3000-12GF
				23000	50		0.8 ... 8	B3000-12
							1.5 ... 15	B3000-12D
							3.0 ... 30	B3000-12E
							5.0 ... 50	B3000-12F
174	483	213	1,0	17500	5	G2	0.8 ... 8	B3000-16G
							1.5 ... 15	B3000-16GD
							3.0 ... 30	B3000-16GE
							5.0 ... 50	B3000-16GF
				23000	50		0.8 ... 8	B3000-16
							1.5 ... 15	B3000-16D
							3.0 ... 30	B3000-16E
							5.0 ... 50	B3000-16F

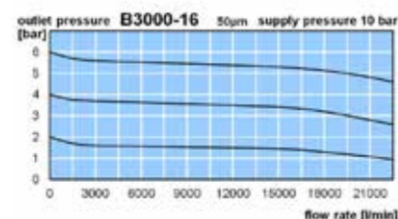


B3000-12/-16

Accessories, see next page



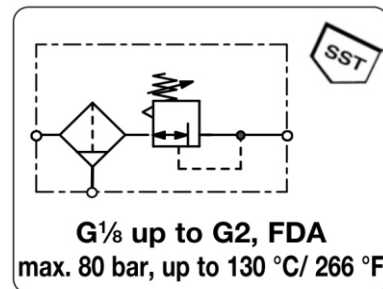
B3000-12/-16



*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure

B3000 - Combiné filtre-régulateur en acier inoxydable 316L, pour air comprimé, gaz et liquides, pour ambiance agressive

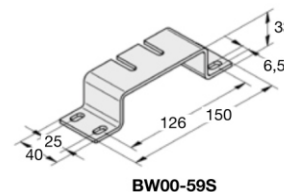
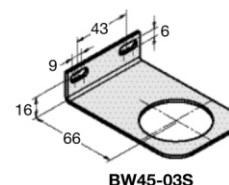
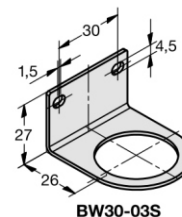
Description	Filter pressure regulator with bowl without sight glass, completely made of stainless steel. Diaphragm-operated, from size G $\frac{3}{4}$ on piston-operated.
Media	compressed air, gases or liquids
Supply pressure	max. 30 bar, 50 bar or 80 bar (only with locking screw)
Adjustment	by adjusting screw, from B3000-12 on with T-handle, max. 50 bar for B3000-02 to -16, optionally 80 bar relieving, optionally non-relieving
Relieving function	G $\frac{1}{4}$ on both sides of the body, G $\frac{1}{8}$ for B3000-01/-A2, one screw plug supplied
Gauge port	50 μ m and 5 μ m, made of stainless steel Bowl stainless steel version without sight glass
Filter element	manual drain (max. 30 bar), screw plug for 50 bar and 80 bar version
Drain	automatic drain (max. 16 bar) for G $\frac{1}{4}$ (02) up to G1
Temperature range	-20 °C to 80 °C / -4 °F to 176 °F for NBR/Buna-N, EPDM or FKM -20 °C to 130 °C / -4 °F to 266 °F for high temperature version or low temperature version down to -40 °C / -40 °F
Werkstoffe	Body / Bowl / Inner valve : stainless steel 316L, material-no. 1.4404 O-rings: FKM, optionally EPDM Diaphragm: NBR/Buna-N with PTFE-coating



Dimensions			Bowl	Flow	Filter	Connection	Pressure	Order
A	B	C	capacity	rate	element	thread	range	number
mm	mm	mm	l	l/min*1	μ m	G	bar	

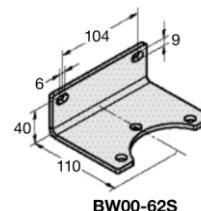
Special options, add the appropriate letter

NPT	connection thread	for G $\frac{1}{4}$ (02) to G2	B3000-... N
0,1 ... 1,5 bar regulating range			B3000-... A
0,2 ... 3 bar regulating range			B3000-... B
manual drain	max. 30 bar	for G $\frac{1}{4}$ (02) to G2	B3000-... H
automatic drain	max. 16 bar	for G $\frac{1}{4}$ (02) to G2	B3000-... R
non-relieving	without relieving function		B3000-... K
P₁: max. 80 bar		for G $\frac{1}{4}$ (02) to G1 $\frac{1}{2}$ (1A)	B3000-... X48
down to -40 °C/ -40°F	low temperature version		B3000-... X51
up to 130 °C/ 266 °F	high temperature version		B3000-... X54
spring cage made of POM		for G $\frac{1}{8}$ and G $\frac{1}{4}$ (A2)	R3000-... X57
EPDM-o-ring			B3000-... E
EPDM-o-ring	FDA approval		B3000-... TD
SST diaphragm	not suitable for water	for G $\frac{1}{4}$ (02) to G $\frac{1}{2}$	B3000-... S
ammonia NH₃		P ₁ max. 15 bar	B3000-... 02
carbon dioxide CO₂			B3000-... 03
argon Ar			B3000-... 05
nitrogen N₂			B3000-... 07
helium He			B3000-... 09
hydrogen H₂			B3000-... 11
Methan CH₄			B3000-... 13
natural gas*3			B3000-... 14
oxygen O₂			B3000-... 15
propane C₃H₈			B3000-... 16
nitrous oxide N₂O			B3000-... 17
flange connection	according to EN-1092-1 or ASME B16.5	on request	B3000-... F



Accessories, enclosed

pressure gauge	Ø 40 mm, 0...*2 bar, G $\frac{1}{8}$	for G $\frac{1}{8}$ and G $\frac{1}{4}$ (A2)	MS4001-...*2
	Ø 50 mm, 0...*2 bar, G $\frac{1}{4}$	for G $\frac{1}{4}$ to G $\frac{1}{2}$	MS5002-...*2
	Ø 63 mm, 0...*2 bar, G $\frac{1}{4}$	for G $\frac{3}{4}$ to G2	MS6302-...*2
mounting bracket		for G $\frac{1}{8}$ and G $\frac{1}{4}$ (A2)	BW30-03S
mounting nut			M30x1,5SS
mounting bracket		for G $\frac{1}{4}$ (02) to G1 $\frac{1}{2}$ (1A)	BW45-03S
mounting nut			M45x1,5S
mounting bracket		for G $\frac{3}{8}$ to G1 $\frac{1}{2}$ (1A)	BW00-59S
mounting bracket		for G1 $\frac{1}{2}$ (12) and G2	BW00-62S



*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure

*2 04 = 0...4 bar, 10 = 0...10 bar, 16 = 0...16 bar, 60 = 0...60 bar

*3 without DVGW-approval