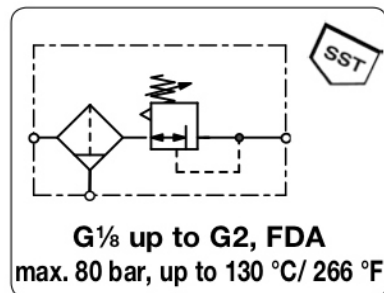


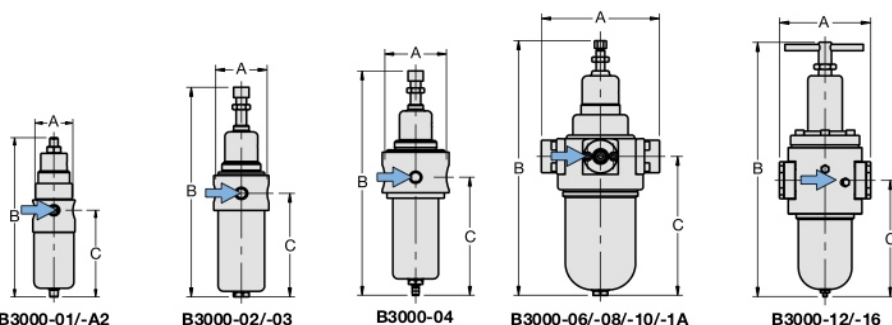
B3000 - Combiné filtre-régulateur en acier inoxydable 316L, pour air comprimé, gaz et liquides, pour ambiance agressive

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. 30 bar, 50 bar or 80 bar (with drain plug only)
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	155	85	0.03	200	5	G $\frac{1}{8}$	0.8... 8	8	B3000-01GH
							1.5... 15	8	B3000-01GDH
							0.8... 8	8	B3000-01H
40	155	85	0.03	200	5	G $\frac{1}{4}$	1.5... 15	8	B3000-01DH
							0.8... 8	8	B3000-A2GH
							1.5... 15	8	B3000-A2GDH
40	155	85	0.03	200	5	G $\frac{1}{4}$	0.8... 8	8	B3000-A2H
							1.5... 15	8	B3000-A2DH
							0.8... 8	8	B3000-02G
64	246	124	0.14	600	5	G $\frac{1}{4}$	1.5... 15	8	B3000-02GD
							0.8... 8	8	B3000-02
							1.5... 15	8	B3000-02D
64	246	124	0.14	600	5	G $\frac{3}{8}$	0.8... 8	8	B3000-03G
							1.5... 15	8	B3000-03GD
							0.8... 8	8	B3000-03
64	246	124	0.14	600	5	G $\frac{3}{8}$	1.5... 15	8	B3000-03D
							0.8... 8	8	B3000-04G
							1.5... 15	8	B3000-04GD
79	255	128	0.2	2200	5	G $\frac{1}{2}$	0.8... 8	8	B3000-04
							1.5... 15	8	B3000-04D
							0.8... 8	8	B3000-08G
137	304	168	0.5	4500	5	G1	1.5... 15	8	B3000-08GD
							0.8... 8	8	B3000-08
							1.5... 15	8	B3000-08D
241	304	168	0.5	4500	5	G1 $\frac{1}{2}$	0.8... 8	8	B3000-1AG
							1.5... 15	8	B3000-1AGD
							0.8... 8	8	B3000-1A
241	304	168	0.5	4500	5	G1 $\frac{1}{2}$	1.5... 15	8	B3000-1AD
							0.8... 8	8	B3000-12G
							1.5... 15	8	B3000-12GD
171	482	213	1.0	15500	5	G1 $\frac{1}{2}$	0.8... 8	8	B3000-12
							1.5... 15	8	B3000-12D
							0.8... 8	8	B3000-16G
171	482	213	1.0	15500	5	G2	1.5... 15	8	B3000-16GD
							0.8... 8	8	B3000-16
							1.5... 15	8	B3000-16D

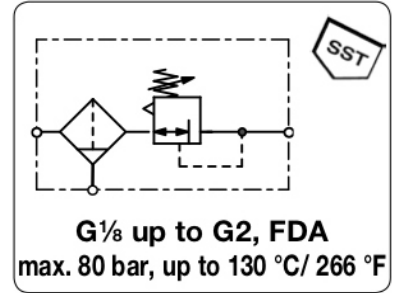


*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure

B3000

B3000

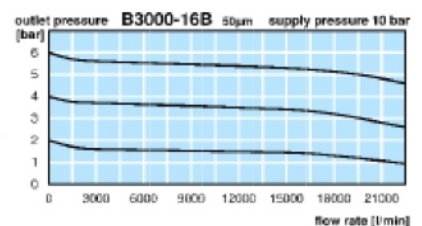
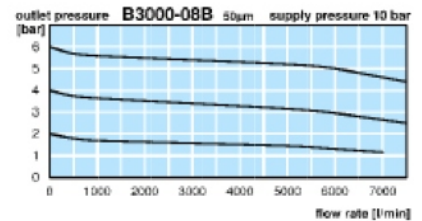
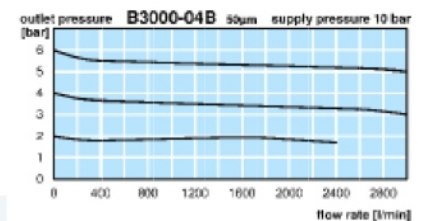
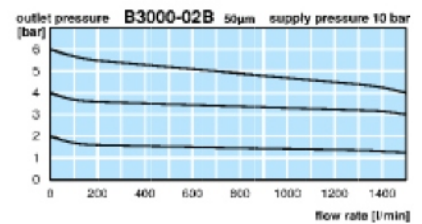
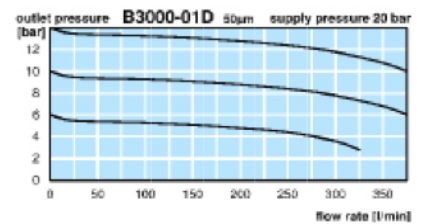
Description	Filter pressure regulator with bowl without sight glass, completely made of stainless steel. Diaphragm-operated, from size G $\frac{1}{8}$ on piston-operated.
Media	compressed air, gases or liquids
Supply pressure	max. 30 bar, 50 bar or 80 bar (with drain plug only)
Adjustment	by adjusting 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	

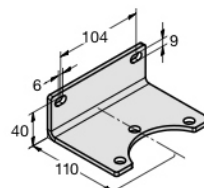
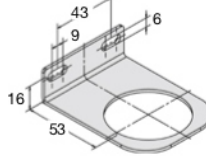
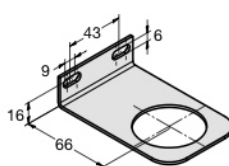
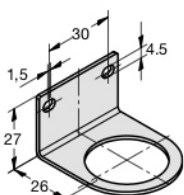
Special options, add the appropriate letter

NPT	connection thread	for G $\frac{1}{8}$ and G $\frac{1}{4}$ (A2)	B3000-... N
NPT	connection thread	for G $\frac{1}{4}$ (02) to G2	B3000-... N
02 ... 3 bar regulating range		for G $\frac{1}{8}$ to G1 $\frac{1}{2}$ (1A)	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	from G $\frac{1}{4}$ (02) on	B3000-... X51
up to 130 °C/ 266 °F	high temperature version		B3000-... X54
EPDM-o-ring			B3000-... E
EPDM-o-ring	FDA-Zulassung		B3000-... TD
SST diaphragm	not suitable for water	for G $\frac{1}{4}$ (02) to G $\frac{1}{2}$	B3000-... S
ammonia *3 NH $_3$			B3000-... 02
carbon dioxide CO $_2$			B3000-... 03
argon Ar			B3000-... 05
nitrogen N $_2$			B3000-... 07
helium He			B3000-... 09
hydrogen H $_2$			B3000-... 11
Methan CH $_4$			B3000-... 13
natural gas*3			B3000-... 14
oxygen O $_2$			B3000-... 15
propane C $_3$ H $_8$			B3000-... 16
nitrous oxide N $_2$ O			B3000-... 17
flange connection	see end of the chapter / flanges		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 $\frac{1}{2}$	for G $\frac{3}{4}$ to G2	MS6302-...*2
mounting bracket		for G $\frac{1}{8}$ and G $\frac{1}{4}$ (A2)	BW30-03S
		for G $\frac{1}{4}$ (02), G $\frac{3}{8}$ u. G $\frac{1}{2}$ to G1 $\frac{1}{2}$ (1A)	M30x1,5S BW45-03S
mounting nut		for G $\frac{1}{2}$	M45x1,5S BW50-01S
mounting bracket		for G1 $\frac{1}{2}$ (12) and G2	M50x1,5S BW00-62S



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

*3 without DVGW-approval

