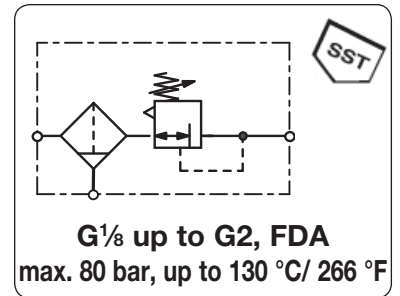


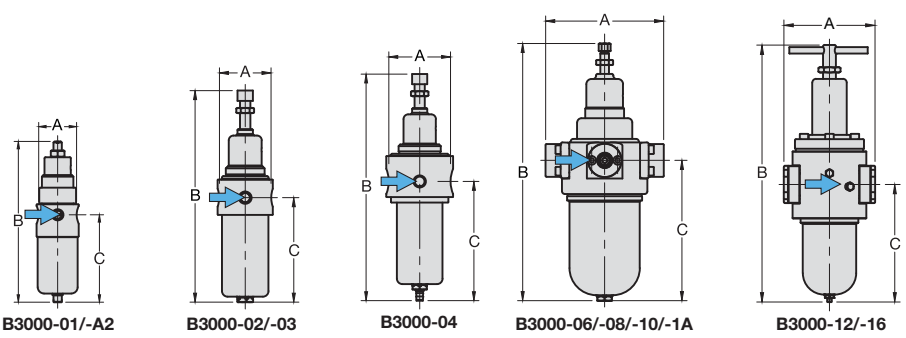
Filter Regulator Made of Stainless Steel Throughout, P₁: max. 80 bar B3000

Description	Filter pressure regulator with bowl without sight glass, completely made of stainless steel. Diaphragm-operated, from size G $\frac{1}{4}$ 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
				280	50		1.5 ... 15		B3000-01GDH
							0.8 ... 8		B3000-01H
							1.5 ... 15		B3000-01DH
40	155	85	0.03	200	5	G $\frac{1}{4}$	0.8 ... 8	8	B3000-A2GH
				280	50		1.5 ... 15		B3000-A2GDH
							0.8 ... 8		B3000-A2H
							1.5 ... 15		B3000-A2DH
64	246	124	0.14	600	5	G $\frac{1}{4}$	0.8 ... 8	8	B3000-02G
				800	50		1.5 ... 15		B3000-02GD
							0.8 ... 8		B3000-02
							1.5 ... 15		B3000-02D
64	246	124	0.14	600	5	G $\frac{3}{8}$	0.8 ... 8	8	B3000-03G
				800	50		1.5 ... 15		B3000-03GD
							0.8 ... 8		B3000-03
							1.5 ... 15		B3000-03D
79	255	128	0.2	2200	5	G $\frac{1}{2}$	0.8 ... 8	8	B3000-04G
				3000	50		1.5 ... 15		B3000-04GD
							0.8 ... 8		B3000-04
							1.5 ... 15		B3000-04D
137	304	168	0.5	4500	5	G1	0.8 ... 8	8	B3000-08G
				6000	50	B3000-06 for G $\frac{3}{4}$	1.5 ... 15		B3000-08GD
							0.8 ... 8		B3000-08
							1.5 ... 15		B3000-08D
241	304	168	0.5	4500	5	G1 $\frac{1}{2}$	0.8 ... 8	8	B3000-1AG
				6000	50	B3000-10 for G1 $\frac{1}{4}$	1.5 ... 15		B3000-1AGD
							0.8 ... 8		B3000-1A
							1.5 ... 15		B3000-1AD
171	482	213	1.0	15500	5	G1 $\frac{1}{2}$	0.8 ... 8	8	B3000-12G
				20000	50		1.5 ... 15		B3000-12GD
							0.8 ... 8		B3000-12
							1.5 ... 15		B3000-12D
171	482	213	1.0	15500	5	G2	0.8 ... 8	8	B3000-16G
				20000	50		1.5 ... 15		B3000-16GD
							0.8 ... 8		B3000-16
							1.5 ... 15		B3000-16D

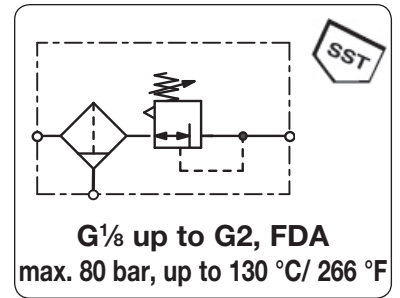


*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure



Filter Regulator Made of Stainless Steel Throughout, P₁: max. 80 bar B3000

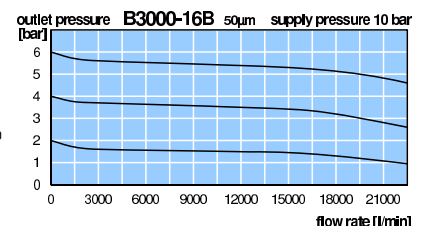
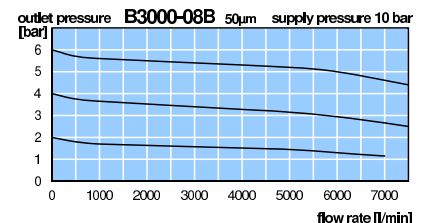
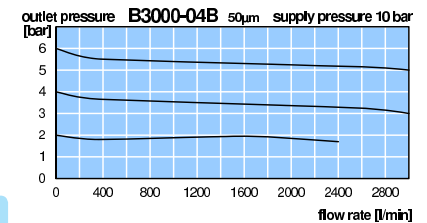
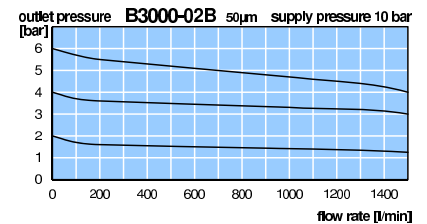
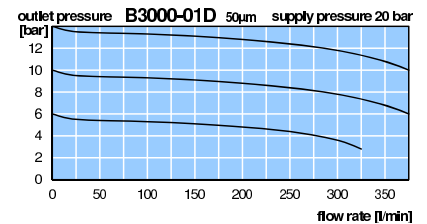
Description	Filter pressure regulator with bowl without sight glass, completely made of stainless steel. Diaphragm-operated, from size G $\frac{1}{4}$ on piston-operated.
Media	compressed air, gases or liquids
Supply pressure	max. 30 bar, 50 bar or 80 bar (with drain plug only)
Adjustment	by adjusting screw, from B3000-12 on with T-handle, max. 50 bar for B3000-02 to -16, optionally 80 bar relieving, 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
Filter element	automatic drain (max. 30 bar), screw plug for 50 bar and 80 bar version
Drain	manual drain (max. 30 bar), screw plug for 50 bar and 80 bar version
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	l	l/min*1	μ m	G	bar	
mm	mm	mm						

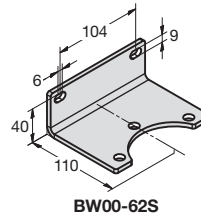
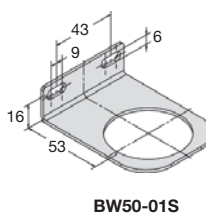
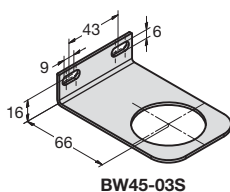
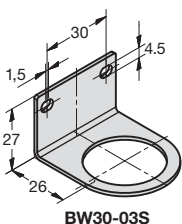
Special options, add the appropriate letter

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
P ₁ : 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

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
		for G $\frac{1}{4}$ (02), G $\frac{3}{8}$ u. G $\frac{1}{2}$ (1A)	M30x1,5S
mounting nut		for G $\frac{1}{2}$	BW45-03S
mounting bracket		for G $\frac{1}{2}$	M45x1,5S
mounting nut		for G1 $\frac{1}{2}$ (12) and G2	BW50-01S
mounting bracket			M50x1,5S
mounting nut			BW00-62S
mounting bracket			



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

*3 without DVGW-approval

