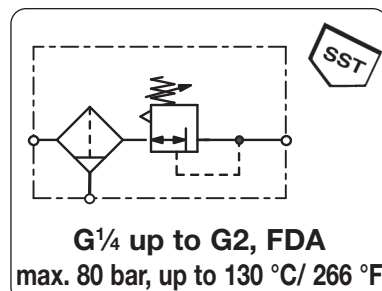


FILTER REGULATOR MADE OF STAINLESS STEEL THROUGHOUT, P1: MAX. 80 BAR B3000

Description	Filter pressure regulator with bowl without sight glass, completely made of stainless steel. Diaphragm-operated, from size G $\frac{3}{4}$ on piston-operated.
Media	compressed air, gases or liquids
Supply pressure	max. 16 bar (automatic release), max. 30 bar (manual release), 50 bar or optionally 80 bar (only with screw plug)
Adjustment	by adjusting screw, from B3000-12 on with T-handle
Relieving function	relieving, optionally non-relieving
Gauge port	G $\frac{1}{4}$ on both sides of the body, one screw plug supplied
Filter element	50 μ m and 5 μ m, made of stainless steel
Drain	screw plug as standard, optionally automatic drain (max. 16 bar) or manual drain (max. 30 bar)
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
Materials	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						
mm	mm	mm						

Filter pressure regulator					with screw plug, relieving, w/o gauge, supply pressure max. 30 / 50 bar			B3000	
64	249	128	0,14	600	5	G¼	0.8... 8	B3000-02G	
				800	50		1.5... 15	B3000-02GD	
							0.8... 8	B3000-02	
							1.5... 15	B3000-02D	
109	246	125	0,2	2200	5	G¾	0.8... 8	B3000-03G	
							1.5... 15	B3000-03GD	
							3.0... 30	B3000-03GE	
							5.0... 50	B3000-03GF	
				3000	50		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	G½	0.8... 8	B3000-04G	
							1.5... 15	B3000-04GD	
							3.0... 30	B3000-04GE	
							5.0... 50	B3000-04GF	
				3000	50		0.8... 8	B3000-04	
							1.5... 15	B3000-04D	
							3.0... 30	B3000-04E	
							5.0... 50	B3000-04F	



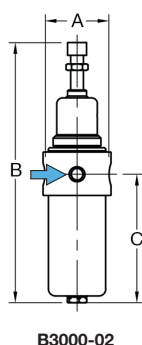
B3000-02



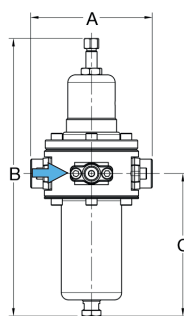
B3000-03/-04



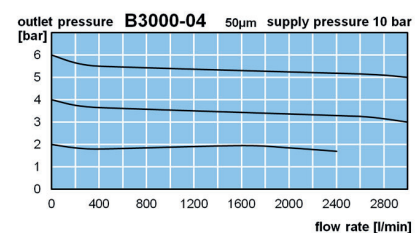
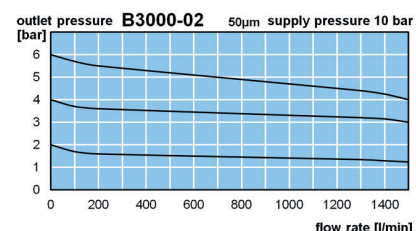
Accessories, see next page



B3000-02



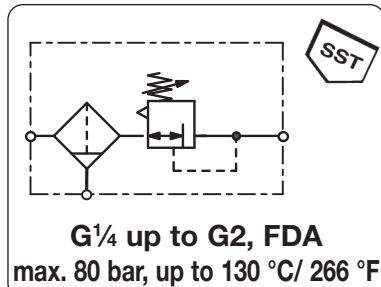
B3000-03/-04



*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 $\frac{3}{4}$ on piston-operated.
Media	compressed air, gases or liquids
Supply pressure	max. 16 bar (automatic release), max. 30 bar (manual release), 50 bar or optionally 80 bar (only with screw plug)
Adjustment	by adjusting screw, from B3000-12 on with T-handle
Relieving function	relieving, optionally non-relieving
Gauge port	G $\frac{1}{4}$ on both sides of the body, 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	screw plug as standard, optionally automatic drain (max. 16 bar) or manual drain (max. 30 bar)
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
Materials	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						

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	B3000-06G
							1.5 ... 15	B3000-06GD
							3.0 ... 30	B3000-06GE
							5.0 ... 50	B3000-06GF
							0.8 ... 8	B3000-06
				6000	50	G $\frac{3}{4}$	1.5 ... 15	B3000-06D
							3.0 ... 30	B3000-06E
							5.0 ... 50	B3000-06F
							0.8 ... 8	B3000-08G
							1.5 ... 15	B3000-08GD
137	304	168	0,5	4500	5	G1	3.0 ... 30	B3000-08GE
							5.0 ... 50	B3000-08GF
							0.8 ... 8	B3000-08
							1.5 ... 15	B3000-08D
							3.0 ... 30	B3000-08E
				6000	50	G1	5.0 ... 50	B3000-08F
							0.8 ... 8	B3000-10G
							1.5 ... 15	B3000-10GD
							3.0 ... 30	B3000-10GE
							5.0 ... 50	B3000-10GF
137	304	168	0,5	4500	5	G1 $\frac{1}{2}$	0.8 ... 8	B3000-10
							1.5 ... 15	B3000-10D
							3.0 ... 30	B3000-10E
							5.0 ... 50	B3000-10F
				6000	50	G1 $\frac{1}{2}$	0.8 ... 8	B3000-1AG
							1.5 ... 15	B3000-1AGD
							3.0 ... 30	B3000-1AGE
							5.0 ... 50	B3000-1AGF
							0.8 ... 8	B3000-1A
248	304	168	0,5	4500	5	G1 $\frac{1}{2}$	1.5 ... 15	B3000-1AD
							3.0 ... 30	B3000-1AE
							5.0 ... 50	B3000-1AF

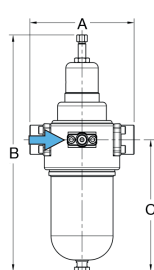


B3000-06 /-08

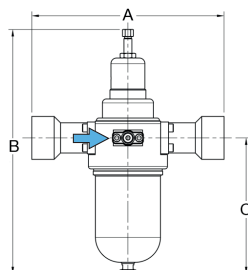


B3000-10/-1A

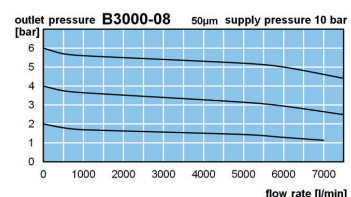
Accessories, see next page



B3000-06/-08



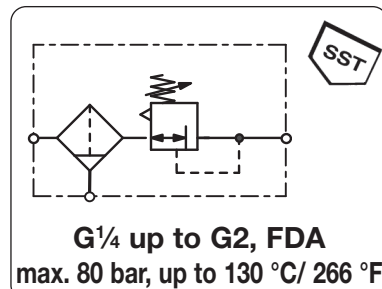
B3000-10/-1A



*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 G¾ on piston-operated.
Media	compressed air, gases or liquids
Supply pressure	max. 16 bar (automatic release), max. 30 bar (manual release), 50 bar or optionally 80 bar (only with screw plug)
Adjustment	by adjusting screw, from B3000-12 on with T-handle
Relieving function	relieving, optionally non-relieving
Gauge port	G¾ on both sides of the body, one screw plug supplied
Filter element	50 µm and 5 µm, made of stainless steel
Drain	screw plug as standard, optionally automatic drain (max. 16 bar) or manual drain (max. 30 bar)
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
Materials	Body / Bowl / Inner valve: stainless steel 316L, material-no. 1.4404 O-rings: FKM, optionally EPDM Diaphragm: NBR/Buna-N with PTFE-coating



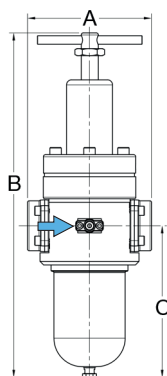
Dimensions			Bowl capacity	Flow rate	Filter element	Connection thread	Pressure range	Order number
A	B	C	l	l/min*1	µm	G	bar	
mm	mm	mm						

Filter pressure regulator					with screw plug, relieving, w/o gauge, supply pressure max. 30 / 50 bar			B3000					
174	483	213	1,0	17 500	5	G ^{1½}	0.8... 8	B3000-12G					
							1.5... 15	B3000-12GD					
							3.0... 30	B3000-12GE					
							5.0... 50	B3000-12GF					
				23 000	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	17 500	5	G ²	0.8... 8	B3000-16G
												1.5... 15	B3000-16GD
		3.0... 30	B3000-16GE										
		5.0... 50	B3000-16GF										
23 000	50	0.8... 8	B3000-16										
		1.5... 15	B3000-16D										
		3.0... 30	B3000-16E										
		5.0... 50	B3000-16F										

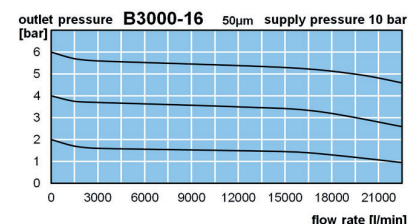


B3000-12/-16

Accessories, see next page

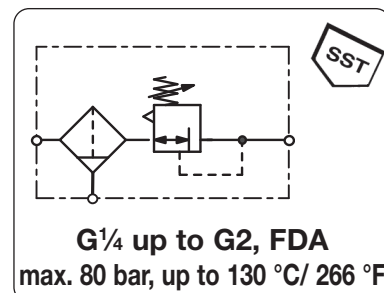


B3000-12/-16



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

Description	Filter pressure regulator with bowl without sight glass, completely made of stainless steel. Diaphragm-operated, from size G¼ on piston-operated.
Media	compressed air, gases or liquids
Supply pressure	max. 16 bar (automatic release), max. 30 bar (manual release), 50 bar or optionally 80 bar (only with screw plug)
Adjustment	by adjusting screw, from B3000-12 on with T-handle
Relieving function	relieving, optionally non-relieving
Gauge port	G¼ on both sides of the body, one screw plug supplied
Filter element	50 µm and 5 µm, made of stainless steel
Drain	screw plug as standard, optionally automatic drain (max. 16 bar) or manual drain (max. 30 bar)
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
Materials	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	µm	G	bar	
mm mm mm						

Special options, add the appropriate letter

NPT	connection thread	B3000-...N
0,1 ... 1,5 bar regulating range		B3000-...A
0,2 ... 3 bar regulating range		B3000-...B
manual drain	max. 30 bar	B3000-...H
automatic drain	max. 16 bar	B3000-...R
non-relieving	without relieving function	B3000-...K
P1: max. 80 bar		B3000-...X48
down to -40 °C/ -40 °F	low temperature version	B3000-...X51
up to 130 °C/ 266 °F	high temperature version	B3000-...X54
EPDM-o-ring		B3000-...TE
EPDM-o-ring	FDA approval	B3000-...TD
SST diaphragm	FKM o-ring	B3000-...S
SST diaphragm	EPDM o-ring	B3000-...SE
ammonia NH3		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 50 mm, 0...*2 bar, G¼	for G¼ to G½	MS5002-..*2
	Ø 63 mm, 0...*2 bar, G¼	for G¾ to G2	MS6302-..*2
mounting bracket		for G¼ to G1½ (1A)	BW45-03S
mounting nut			M45x1,5S
mounting bracket		for G¾ to G1½ (1A)	BW00-59S
mounting bracket		for G1½ (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