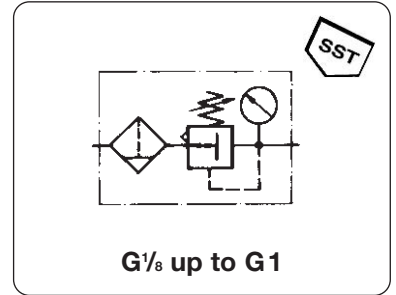


Description	Filter regulator of 316L stainless steel throughout. Ideal for acid gases and / or corrosive environments. Applications in on and off shore petrochemical processing, food, pulp and paper industry, pharmaceutical industry, pollution control and waste water treatment.		
Supply pressure	max. 30 bar max. 16 bar, with autodrain	Relieving	exhaust as standard. non-relieving as option
Filter elements	of SST, 50 µm as standard, 5 µm as option	Adjusting	manual with hexagonal screw
Gauge ports	G ^{1/2} on both sides, G ^{1/8} at B3000-01	Air consumption	no constant bleed
Drain	Manual drain as standard, autodrain as option	Temperature	-20°C to 95°C / -4°F to 200°F
Materials	Body, bowl, inner valve: 316L stainless steel Spring: 304 stainless steel Diaphragm: Teflon-coated NBR, stainless steel or Viton as option		



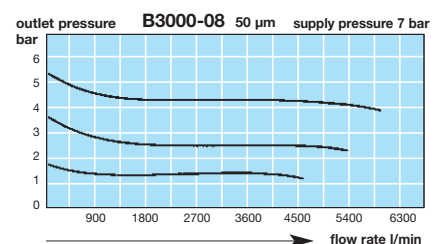
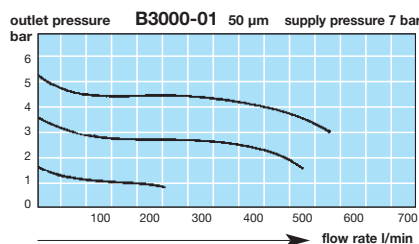
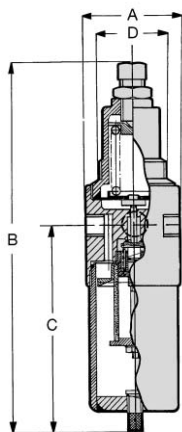
Dimensions				System D: diaph. P: piston	K _v - value (m³/h)	Flow rate		Connection thread G	Order number
A	B	C	D			m³/h*	l/min*		

Filter regulator	manual drain by plug, max. 30 bar, Teflon-coated NBR filter element 50 µm, 0 to 8 bar, relieving, w/o gauge		B3000			
40 188 116 M30	D	0.5	36	600	G ^{1/8}	B3000-01
60 253 130 M45	D	1.1	84	1 400	G ^{1/4}	B3000-02
60 253 130 M45	D	1.2	96	1 600	G ^{3/8}	B3000-03
70 260 132 M50	D	3.1	228	3 800	G ^{1/2}	B3000-04
70 260 132 M50	D	3.2	240	4 000	G ^{3/4}	B3000-06
70 360 207 M50	P	4.8	360	6 000	G1	B3000-08



Special options add the appropriate letter

autodrain	SA602 MDS, max. 16 bar, from G ^{1/2}	R	B3000-0. R
5 µm filter element	flow reduced by approx. 10%, not G ^{1/8}	A	B3000-0. A
range 0... 3 bar	diaphragm	B	B3000-0. B
range 0...15 bar	diaphragm	D	B3000-0. D
non-relieving		K	B3000-0. K
gauge Ø 63	of SST, connection center back	G	B3000-0. G
elastomer	EPDM E FPM/Viton	V	B3000-0. V
SST diaphragm	not for water G ^{1/4} -G ^{3/4}	S	B3000-0. S
NPT ports		N	B3000-0. N
mount. bracket + nut	SAR-R3001 (G ^{1/8}) SAR-R3027 (G ^{1/4} +G ^{3/8})	X	B3000-0. X
mount. bracket + nut	SAR-R3121 (G ^{1/2} +G ^{3/4})	X	B3000-0. X
FDA material	EPDM + diaphragm of stainless steel G ^{1/4}	L	B3000-02 L



* at 7 bar supply pressure, 6 bar outlet pressure and Δp 0.33 bar

For your information:	1 bar: 14.5 psi 1 psi: 0.069 bar	1 l/min: 0.035 scfm 1 scfm: 28.3 l/min	1 mm: 0.039 inch 1 inch: 25.4 mm	Pressure gauge: see end of chapter
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Order example:
B3000-04