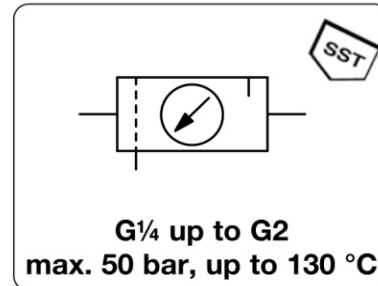


## C3003 - Ensemble FRL en acier inoxydable 316L, 50 bar, 130°C, G1/4" à G2"

### C3003 - FRL Service Units, 3 parts, completely made of stainless steel, up to 50 bar

<b>Description</b>	FRL service unit completely made of stainless steel, very robust. Application examples are the chemistry, petroleum processing as well as food industry and medical technology.
<b>Media</b>	compressed air, gases or liquids
<b>Supply pressure</b>	max. 30 bar, optionally max. 50 bar (for pressure range up to 15 bar)
<b>Adjustment</b>	by hexagon socket screw <b>Relieving function</b> relieving, optionally non-relieving
<b>Gauge port</b>	G1/4 on both sides of the body, one screw plug supplied
<b>Filter element</b>	50 µm, optionally 5 µm, made of stainless steel <b>Bowl</b> stainless steel version without sight glass
<b>Drainage</b>	screw plug as standard, optionally manual drain (max. 30 bar) or automatic drain (max. 16 bar)
<b>Temperature range</b>	-20 °C to 80 °C / -4 °F to 176 °F for FKM or EPDM -20 °C to 130 °C / -4 °F to 266 °F for high temperature version, or low temperature version down to -40 °C / -40 °F
<b>Material</b>	Body / Bowl: stainless steel 316L, material no. 1.4404 Inner valve: stainless steel 316L / 1.4404 Diaphragm: NBR/Buna-N with PTFE coating, optionally EPDM or FKM O-rings: FKM, optionally EPDM



Dimensions			Combination existing of	Flow rate		Connection thread G	Order number
A	B	C		m³/h*1	l/min*1		

FRL unit, 3-part			P1: max. 50 bar, screw plug,	P2: 0.5...8 bar, relieving,	50 µm, with gauge		C3003
212	168	130					
257	167	130		132	2200	G1/2	C3003-04
427	219	168		231	3850	G3/4	C3003-06
455	286	226		432	7200	G1	C3003-08
531	286	226		432	7200	G1 1/4	C3003-10
531	286	226		432	7200	G1 1/2	C3003-1A
553	390	262		720	12000	G1 1/2	C3003-12
553	390	262		780	13000	G2	C3003-16



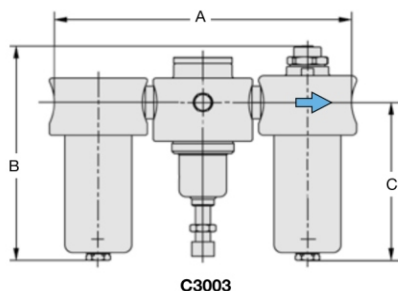
C3003-04

### Special options, add the appropriate letter

5 µm filter element		C3003-..G
NPT connection thread		C3003-..N
pressure range 0.2... 3 bar		C3003-..B
pressure range 1 ...15 bar P1 max. 50 bar		C3003-..D
manual drain max. 30 bar		C3003-..H
automatic drain max. 16 bar	for G1/4 to G1	C3003-..R
down to -40 °C / -40 °F low temperature version		C3003-..X51
up to 130 °C / 266 °F high temperature version		C3003-..X54
EPDM-elastomer		C3003-..E
flange connection according to EN-1092-1 or ASME B16.5		C3003-..F.

### Accessories, enclosed

mounting bracket	for G1/4	BW45-03S
mounting nut		M45x1,5S
mounting bracket	for G1/2	BW50-01S
mounting nut		M50x1,5S
mounting bracket	for G3/4 to G1 1/2 (1A)	BW00-59S
mounting bracket	for G1 1/2 (12) and G2	BW00-62S



C3003

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