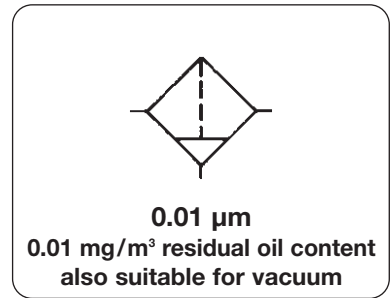


	Oil removal filter X	Super-fine filter X4
Efficiency	99.99999% based on 0.01 µm particle size 0.01 mg/m ³ residual oil content at 1 bar and 20 °C	99.99999% based on 0.01 µm particle size 0.001 mg/m ³ residual oil content at 1 bar and 20 °C
Filter element	Fabric of borosilicate fibre A 901 with high-volume glass-fibre bed. Coalescing effect based on Brownian movement. With steel jacket and foam protection. An arrow indicates flow from inside to outside.	
Service life	Large filter volume makes for exceptionally long service life and high capacity for collection of solid particles with low pressure differential.	
Filter change	The filter should be changed as from 0.35 bar differential pressure, or, at the latest, after a year.	
Temperature	1 °C to 80 °C / 34 °F to 180 °F	
Application	Filter for separating out oil, water and solid impurities from compressed air and gases. Resistant to mineral and synthetic oils. For vacuum: inverts connection	



Dimensions				Order number spare filter	Flow rate m ³ /h* l/min*	Connection thread G	Order number
A	B	C	D				

Oil removal filter	0.01 mg/m ³	99.99999% eff., residual oil,	including autodrain, up to 16 bar	0.01 µm	G.X
60	167	153	60	1030 X	30 500
87	209	188	75	1050 X	50 800
87	209	188	90	1070 X	70 1160
87	279	258	160	1140 X	100 1660
130	315	272	135	2010 X	180 3000
130	415	372	235	2020 X	300 5000
130	515	472	335	2030 X	470 7800
130	715	672	525	2050 X	700 11000
164	823	775	520	3050 X	940 15600

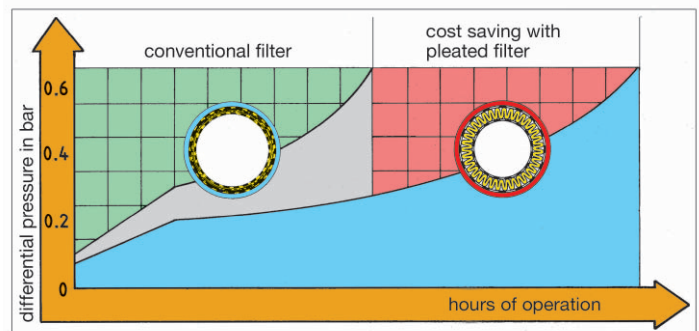
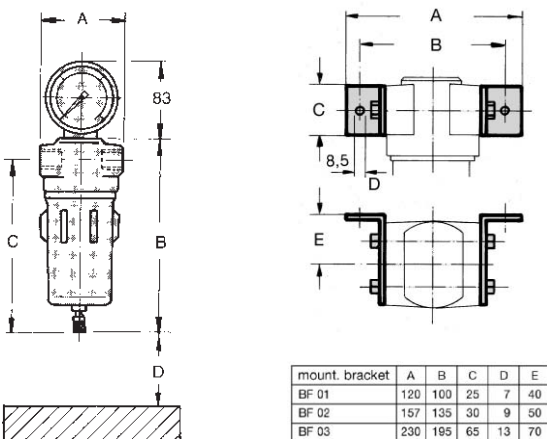


Super-fine filter	0.001 mg/m ³	99.99999% eff., residual oil,	including autodrain, up to 16 bar	0.01 µm	G.X4
60	167	153	60	1030 X4	30 500
87	209	188	75	1050 X4	50 800
87	209	188	90	1070 X4	70 1160
87	279	258	160	1140 X4	100 1660
130	315	272	135	2010 X4	180 3000
130	415	372	235	2020 X4	300 5000
130	515	472	335	2030 X4	470 7800
130	715	672	525	2050 X4	700 11000
164	823	775	520	3050 X4	940 15600



Special options add the appropriate letter Accessories

differential pressure gauge	not G2	D	G...D
manual drain		H	G...H
set of mounting brackets	BF01 for G2	X	G...X
set of mounting brackets	BF02 for G3 to G 7	X	G...X
"labsfree"	BF03 for G9 to G13	L	G...L
for oxygen	for painting systems, manual drain clean	O	G...O



* at 7 bar operating pressure with open outlet. Pressure drop when new: 50 mbar on fine filter and 90 mbar on super-fine filter. The maximum permissible flow rate is 10% higher than the indicated value.

Conversion factor for other operating pressures

operating pressure bar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
factor	0.25	0.38	0.5	0.65	0.75	0.88	1	1.13	1.25	1.38	1.5	1.63	1.75	1.88	2	2.13

For your information:	1 bar: 14.5 psi	1 l/min: 0.035 scfm	1 mm: 0.039 inch
	1 psi: 0.069 bar	1 scfm: 28.3 l/min	1 inch: 25.4 mm

Order example: G12YD