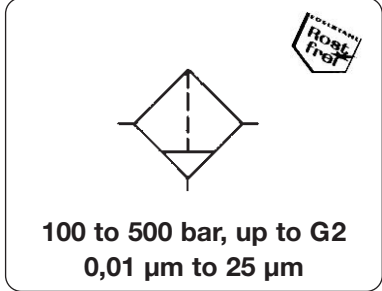


Description	Filter for separating solid impurities, oil and water from compressed air and gases. Resistant to mineral and synthetic oil.			
Filter element X25	25 µm	particle size	< 10	mg/m ³ residual oil
Filter element X5	5 µm	particle size	< 5	mg/m ³ residual oil
Filter element X1	1 µm	particle size	< 0.1	mg/m ³ residual oil
Filter element XA	0.01 µm	particle size	< 0.01	mg/m ³ residual oil
Filter element AC	0.01 µm	particle size	< 0.003	mg/m ³ residual oil
Filter structure	Pleated borsilicate fibre with very deep glass-fibre bed and large hollow space. Coalescing effect based on Brownian movement.			
Service life	Large filter volume makes for exceptionally long service life. The filter should be changed as from 0.4 bar differential pressure, or, at the latest, after 1 year.			
Temperature range	1 °C to 60 °C /140 °F for coalescing filter; 1 °C to 25 °C/80 °F for element XA and AC			
Materials	Body: stainless steel 1.4301 Filter element: borsilicate and activated carbon			



Dimensions				Spare Filter element	Bowl volume	Flow rate	Connection thread	Order number
A	B	C	D	order number	l	m ³ /h	l/min	G

High pressure filter 100 bar									of stainless steel, 25 µm particle size 10 mg/m ³ residual oil, without manual drain	FB100
60	117	17	217	FHP261X25	0.04	40	660	G ³ / ₈		FB100-03C
79	140	21	240	FHP371X25	0.1	100	1660	G ³ / ₈		FB100-A3C
78	214	23	314	FHP410X25	0.4	200	3330	G ¹ / ₂		FB100-04C
78	264	23	364	FHP420X25	0.5	460	7660	G ¹ / ₂		FB100-A4C
114	270	30	370	FHP710X25	1.2	680	11300	G ³ / ₄		FB100-06C
114	420	30	520	FHP730X25	1.9	1200	20000	G1		FB100-08C
174	481	50	581	FHP830X25	2.9	1700	28000	G1 ¹ / ₂		FB100-12C
174	784	50	884	FHP860X25	5.4	3400	55000	G2		FB100-16C

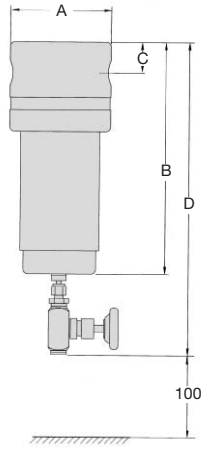


High pressure filter 250 bar									of stainless steel, 25 µm particle size 10 mg/m ³ residual oil, without manual drain	FB250
60	117	17	217	FHP261X25	0.04	44	730	G ¹ / ₄		FB250-02C
79	140	21	240	FHP371X25	0.1	110	1830	G ³ / ₈		FB250-03C
88	214	23	314	FHP410X25	0.4	232	3860	G ³ / ₈		FB250-A3C
88	264	23	364	FHP420X25	0.5	464	7730	G ¹ / ₂		FB250-04C
139	286	30	386	FHP710X25	1.2	683	11400	G ³ / ₄		FB250-06C
139	436	30	536	FHP730X25	1.9	1210	20100	G1		FB250-08C
169	480	50	580	FHP830X25	2.9	1983	33000	G1 ¹ / ₂		FB250-A8C
169	783	50	883	FHP860X25	5.4	3967	66000	G1 ¹ / ₂		FB250-12C



Special options add the appropriate letter

350 bar bar supply		350	FB350-...
500 bar bar supply		500	FB500-...
manual drain	only G ¹ / ₄ - G ¹ / ₂	M	FB.....M
manual drain	needle valve for 100 - 350 bar	M	FB.....M
5 µm filter X5	needle valve for 500 bar	G	FB.....G
1 µm filter X1	5 mg/m ³ residual oil	F	FB.....F
0.01 µm filter XA	0.1 mg/m ³ residual oil	S	FB.....S
0.01 µm filter AC	0.01 mg/m ³ residual oil	A	FB.....A
diff. pressure gauge	0.003 mg/m ³ residual oil	D	FB.....D
3.1 B vertificate	for stainless steel. Request on order placement	Z	FB.....Z



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:
FB250-04C

