

Industrial Filter FGG Series

How to Order

FGG S B - 20 - B 002 N A - G1

Material

Symbol	Body	O-ring
S	Stainless steel 304	NBR
L	Stainless steel 304	FKM

Element length

Symbol	Element length
B	L500 (L250 x 2)
C	L750 (L250 x 3)
D	L1000 (L250 x 4)

Port size

Symbol	Port size Rc
20	2

Element category

Symbol	Element type	Material
B	Sintered metal	Bronze
S		Stainless steel
T	Fiber (Honeycomb)	Polypropylene
G		Glass fiber
H		Cotton
P	Paper	Cotton
M	Micromesh	Stainless steel 304/Epoxy
L		Stainless steel 316

Nominal filtration accuracy (μm) ^(Note)

Symbol	Nominal filtration accuracy (μm)
X50	0.5
001	1
002	2
005	5
010	10
020	20
040	40
050	50
070	70
074	74
075	75
100	100
105	105
120	120

Note) For a comparison with the nominal filtration accuracy according to the element category, refer to pages 41 and 42.



- Suitable for high flow rate, low pressure "filtration."
- Element replacement is easy with the V-band type.
(with cover anti-scattering mechanism)

Option

Symbol	Pressure gauge type
G1	G46-10-02M (Brass at wetted parts)
G2	G46-10-02-SRB (Stainless steel at wetted parts)
Nil	None (with plug)

* Please use the applicable pressure gauge depending on the fluid used.
Control the differential pressure even when none pressure gauge is selected.

Element seal material ^(Note)

Symbol	Element seal material
A	Non-asbestos
T	Fluororesin
N	NBR
V	FKM

Note) Refer to the below table for the element seal material types by the element category.

Element/Element Seal Material Combinations

Element seal material (Without seal)		Nil (Without seal)	Non-asbestos	PTFE	NBR	FKM
Element material		A	T	N	V	
B	Bronze		○	○	○	
S	Stainless steel	○	○	○	○	
T	Polypropylene	○				
G	Glass fiber	○				
H	Cotton (Fiber)	○				
P	Cotton (Paper)				○	○
M	Stainless steel 304/Epoxy				○	○
L	Stainless steel 316	○	○	○	○	

Note 1) The industrial filter described in this catalog are products in which an element is incorporated into a vessel.

Note 2) To order only an element (replacement part), refer to "How to Order" on pages 41 and 42.

Note 3) When ordering only a vessel (replacement part), delete each symbol for "Element category", "Nominal filtration accuracy (μm)" and "Element seal material" from the above "How to Order".

Note 4) Please use industrial filters in combination with parts made by SMC (vessels, elements etc.)

Note 5) Do not use this filter for gases.