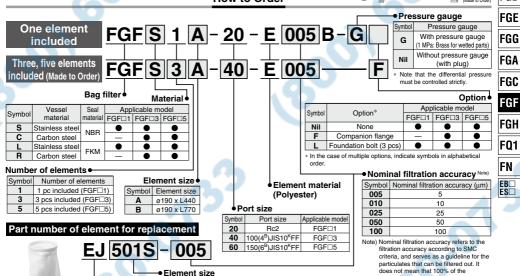
Bag Filter FGF Series



FGD

How to Order



Symbol Element size | Applicable model

For FGF□□A

For FGF□□B

ø190 x L440

601S ø190 x L770

Specifications



be filtered out. Made to Order

particulates of the diameter shown can

Model			FGF□1A-20	FGF□1B-20	FGF□3A-40 Note 7)	FGF□3B-40 Note 7)	FGF□5A-60 Note 7)	FGF□5B-60 Note
	Operating pressure		Max. 0.5 MPa					
Common	Operating temperature		Max. 80°C (For with pressure gauge: 60°C or less)					
	Maximum flow rate Note 1)		Approx. 400 L/min		Approx. 1200 L/min		Approx. 2000 L/min	
	Applicable fluid Note 2)		Water-soluble coolant, Weak alkali-based cleaning fluid, Industrial water (Vessel material: Stainless steel) Oil-based coolant, Cutting oil (Vessel material: Carbon steel)					
Note 3) Vessel		Cover	Stainless steel 304 Carbon steel		464			
	Material	Case			[FGFS/L] Stainless steel 304 Note 6) [FGFC/R] Carbon steel			6)
		Legs						
		Seal	NBR o	r FKM Note 2)				
	Port size		Rc2		100(4 ^B)JIS10 ^K FF		150(6 ^B)JIS10 ^K FF	
	Internal volume		23 L	35 L	104 L	156 L	214 L	307 L
	Weight		13 kg	16 kg	170 kg	190 kg	270 kg	315 kg
	Pressure gauge Note 4)							
	Pressure gauge Note 4) Air release valve		1/4 ^B Ball valve (Brass)					
	Handle for picking elements		Basket in	ntegrated	Part No.: AK-1S			
	Davit for cover		None					
Element	Material		Polyester					
	Nominal filtration accuracy		5, 10, 25, 50, 100 μm					
	Element relacement differential pressure		0.1 MPa Note 5)					
	Number of elements		1 element included		3 elements included		5 elements included	
	Size		ø190 x L440	ø190 x L770	ø190 x L440	ø190 x L770	ø190 x L440	ø190 x L770
	Filtration area		1800 cm ²	3400 cm ²	5400 cm ²	10200 cm ²	9000 cm ²	17000 cm ²

Element

symbol

Note 2) Confirm the conformity of the fluid to be used.

Note 3) Surface treatment No. 2D* applies to the external surface of the vessel. (Scratches, scrapes, blotches and uneven color may be present as long as they do not interfere with function or performance.)

* The symbol refers to surface finishing of JIS G 4305 cold rolled stainless steel sheet

 For the FGF□1 series, this indicates cases where the "with pressure gauge" option has been selected.

Note 5) Control the element replacement so that the differential pressure does not exceed 0.1 MPa.

Note 6) Parts other than the wetted parts are made of carbon steel and painted (silver). Note 7) Please contact SMC for delivery time as the FGF3 and FGF5 are produced upon receipt of order

