



Type SF-IL Inline Basket Filter Housing

The basket filter housing series SF-IL-16, 22, 27 are welded stainless steel constructions with cylindric vessel, flat bottom and hinged lid. The lid is equipped with with eyebolts and star handle nuts for easy opening. The housings of series SF-IL-09 and SF-IL-40 are equipped with bolts and star handle nut. The housing series SF-IL-40 can be equipped with DAVIT opening. This allows to clean the filter housing easy and without tools. The large filter area allows high capacity and long holding time. The inlet and outlet are in a line. This is perfect for installation in a pipeline without elbows etc.

On request we install a differantial pressure gauge - optional with electrical contact.



TECHNICAL DATA

SF-IL

Max. Pressure (SF-IL-16, 22, 27)	10 bar
Max. Pressure (SF-IL-09, 40)	16 bar
Max. Temperature	-10/+80°C
Material Housing	AISI 304
Material Gasket	FPM O-ring* ¹
Material Nut with star handle	Stainless Steel A2
Material Bolts	Stainless Steel A2
Vent/ Pressure gauge (N3)	Rp 3/8" with plug
Drain (N4)	Rp 3/4" with plug
Diff. Pressure Gauge (N5/N6)	Rp 1/4" with plug
Filter micron rate* ²	50, 100, 300, 500, 1000 µm

*¹ other gasket materials are possible

*² other filter mesh size are possible

CONSTRUCTION

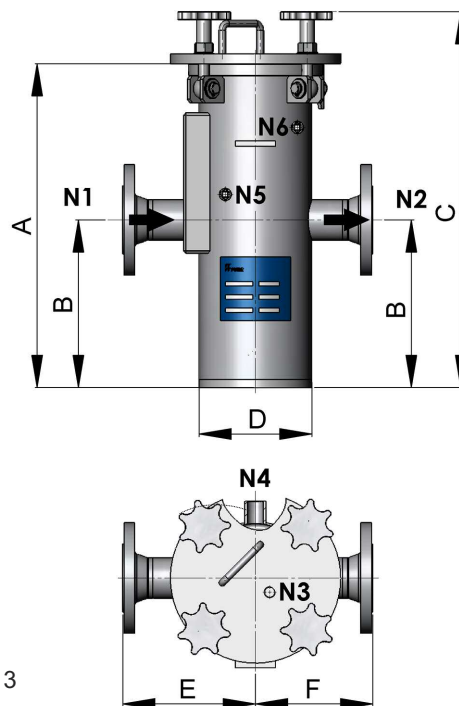
- Declaration of conformity acc. DGRL 2014/68/EU • Classification acc. Art.4, Paragraph 3
- Approved for the operation with fluids only of group 2 (not dangerous)
- Higher Categories with TÜV classification are possible

DIMENSIONS

Flow capacity: water and filter mesh 100µm

vessel type	filter area (m²)	Max. flow rate (m³/h)	connection in/out	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
SF-IL-09-16/F25-A2	~0,02	4	DN25 PN40	233	91	283	Ø88,9	95	117
SF-IL-09-16/F50-A2	~0,02	5	DN50 PN16	233	104	283	Ø88,9	95	117
SF-IL-16-10/F50-A2	~0,11	20	DN50 PN16	480	250	560	Ø168	198	175
SF-IL-16-10/F65-A2	~0,11	33	DN65 PN16	480	250	560	Ø168	198	175
SF-IL-22-10/F80-A2	~0,22	45	DN80 PN16	615	300	690	Ø219	225	225
SF-IL-22-10/F100-A2	~0,22	70	DN100 PN16	615	300	690	Ø219	225	225
SF-IL-27-10/F125-A2	~0,31	125	DN125 PN16	800	450	880	Ø273	295	275
SF-IL-27-10/F150-A2	~0,31	170	DN150 PN16	800	450	880	Ø273	295	275
SF-IL-40-16/F200-A2	~0,83	280	DN200 PN16	1113	700	1207	Ø406	429	305
SF-IL-40-16/F200-A2-DA	~0,83	280	DN200 PN16	1113	700	1433	Ø406	429	305

Subject to technical alterations.
AL1035-06-E



OPTIONAL

diff. pressure gauge mounted

