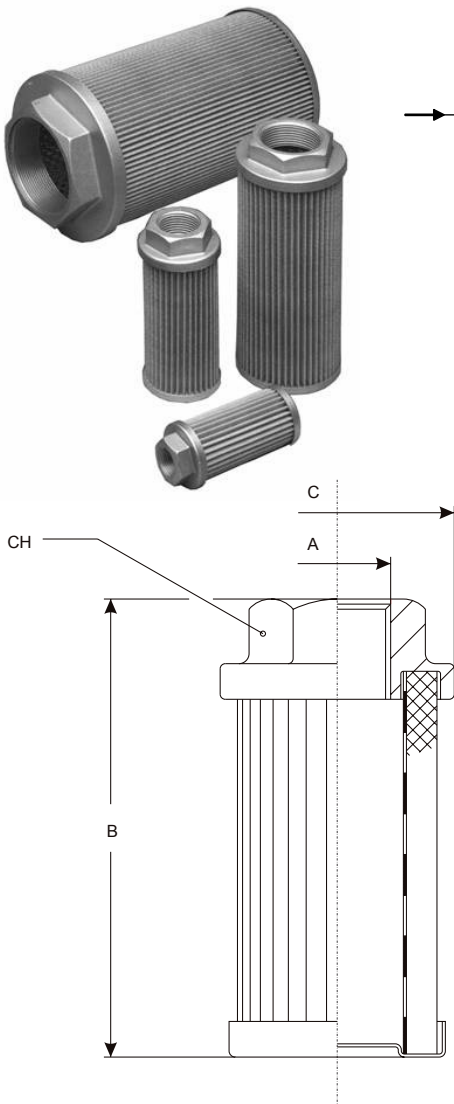


# SF Series

Suction Strainers



## Features

SF series suction strainers are designed for fully immersed tank mounting.

Elements are constructed of a cleanable metal mesh.

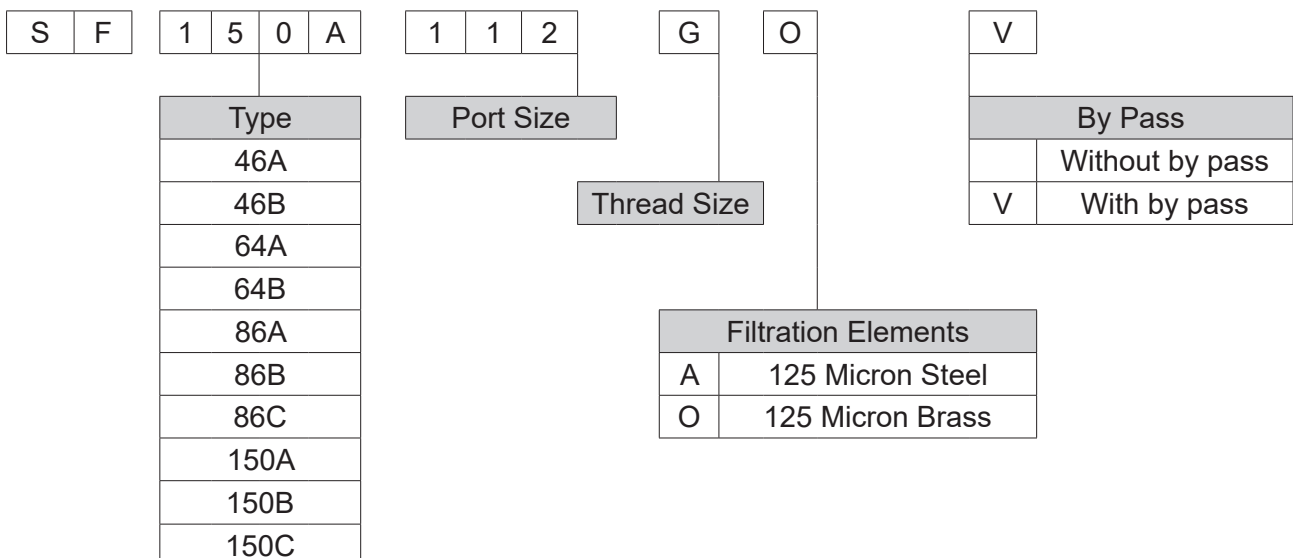
## Technical Specifications

Port	BSPP
Filtration	125 Micron - Metal Mesh
Flow Capacity	From 12 to 400 l/min
Working Temperature	Max 90°C
By Pass Opening	0.25 Bar

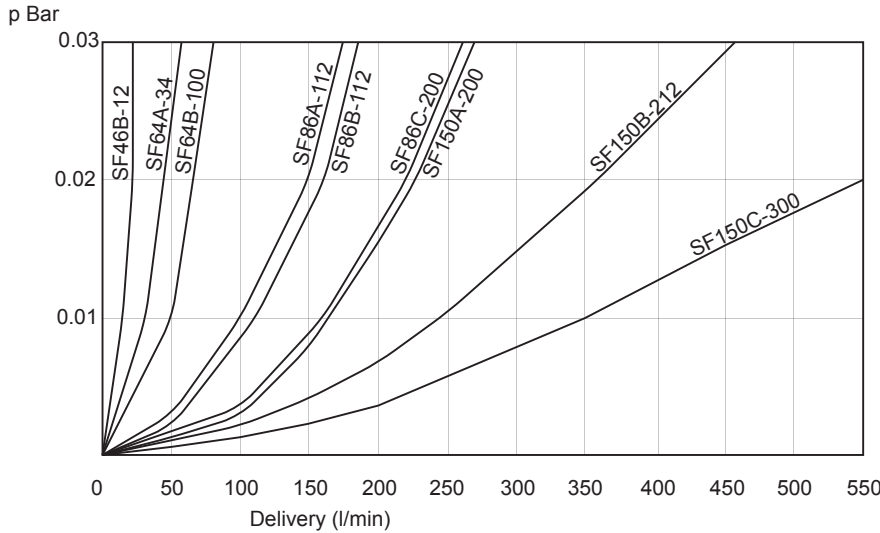
## Dimensional Details

Type	Flow L/Min	Port BSPP	B	C	CH
SF46A	12	3/8"	90	46	30
SF46B	15	1/2"	105	46	30
SF64A	25	3/4"	109	64	36
SF64B	50	1"	139	64	46
SF86A	65	1-1/4"	139	86	60
SF86B	140	1-1/2"	200	86	60
SF86C	230	2"	260	86	70
SF150A	220	2"	151	150	70
SF150B	300	2-1/2"	211	150	90
SF150C	400	3"	272	150	100

## How to Order



## Flow rate pressure drop chart



As pressure drop differences among several filtration degrees are a few, only one diagram is shown.

$\Delta p$  approximately is changing when kinematics viscosity and density are changing, as per the following formula:

$$\Delta p_1 = \frac{y^1}{y} \sqrt{\frac{v^1}{v}} \Delta p$$

$\Delta p$  is pressure drop obtained from curves,  $v$  and  $y$  are kinematics viscosity and density (i.e. 30 mm<sup>2</sup>/sec and 0.86 kg/dm<sup>3</sup>);  $\Delta p_1$  is pressure drop to be determined,  $v^1$  and  $y^1$  are kinematics viscosity and real density of used fluid.

### Interchange Information

CROSS/OMT	HYDAC	LHA	UCC
SF46B-12GO	SFE15G125A1.0	LSE015	UC-SE-1319
SF46B-12GOV	SFE15G125A1.0/BYP		
SF64A-34GO	SFE25G125A1.0	LSE025	UC-SE-1320
SF64A-34GOV	SFE25G125A1.0/BYP		
SF64B-100GO	SFE50G125A1.0	LSE043	UC-SE-1457
SF64B-100GOV	SFE50G125A1.0/BYP		
SF86A-114GO			
SF86B-112GO	SFE100G125A1.0	LSE115	UC-SE-1324
SF86B-112GOV	SFE100G125A1.0/BYP		
SF86C-200GO	SFE180G125A1.0	LSE135	UC-SE-1326
SF86C-200GOV	SFE180G125A1.0/BYP		
SF150A-200GO		LSE227	UC-SE-1219
SF150B-212GO		LSE340	UC-SE-1220
SF150C-300GO		LSE455	UC-SE-1221