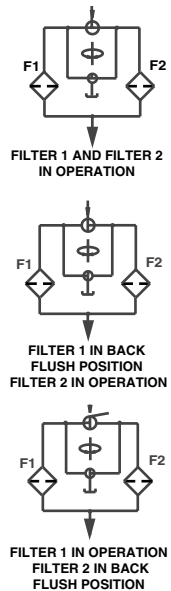
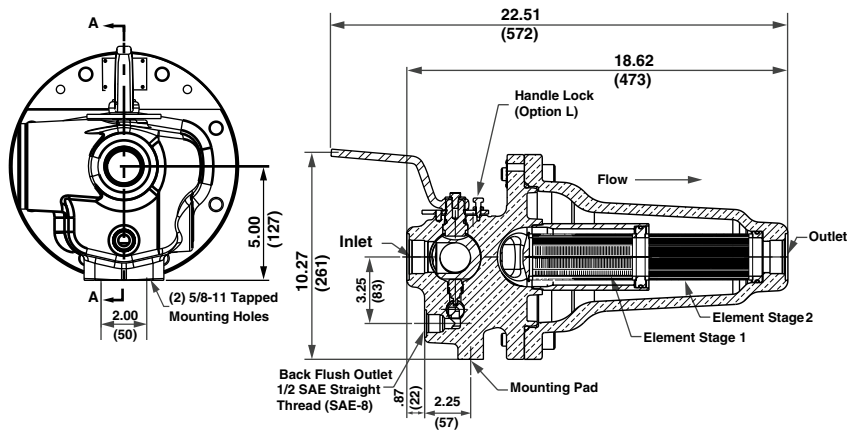


# Back Flushing Water Filters/Strainers

**BWF**

90 gpm  
300 L/min



**NOTES:**

1. Metric dimensions in ( ).
2. Drawings may change without notice. Contact Factory for certified drawings.

The BWF is a dual stage back flushing filter/strainer for extracting solid particles from low viscosity fluids. It provides continuous filtration even during the back flushing process, making it ideal for systems that demand uninterrupted operation. Another benefit derived from utilizing back flushing filters/strainers is that they require virtually no maintenance, thereby providing increased efficiency with no on-going operating costs. The BWF boasts minimal pressure drop and is rated for 90 gpm (300 L/min) up to 1000 psi (70 bar).

The rugged BWF features brass construction, stainless steel elements, and a durable steel handle with locking mechanism control.

## Specifications

Flow Rate:	90 gpm (300 L/min)
Max Operating Pressure:	Housing: 1,000 psi (70 bar) max. Element: 800 psi (55 bar) max.
Min. Yield Pressure:	Contact Factory
Operating Temperature:	32°F - 176°F (0°C - 80°C)
Weight:	104 lbs (47 kg)
Material:	Porting Head: Brass Valve Components: Stainless Steel Element Case: Brass Element: Stainless Steel
Seal Material:	Buna-N
Number of Filter Elements:	1 per housing
Fluid Compatibility:	Water, Contact Factory for use with other fluids

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# Back Flushing Water Filters/Strainers

## How to Build a Valid Model Number for a Schroeder BWF:

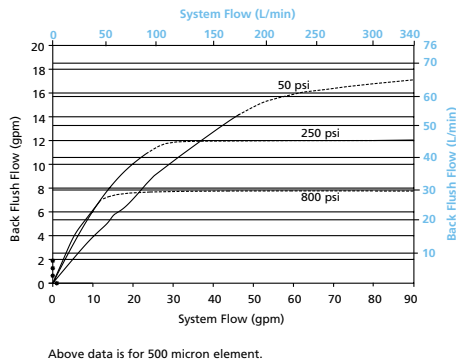
BOX 1    BOX 2    BOX 3    BOX 4  
**BWF** -  -  -

**Example:** NOTE: One option per box

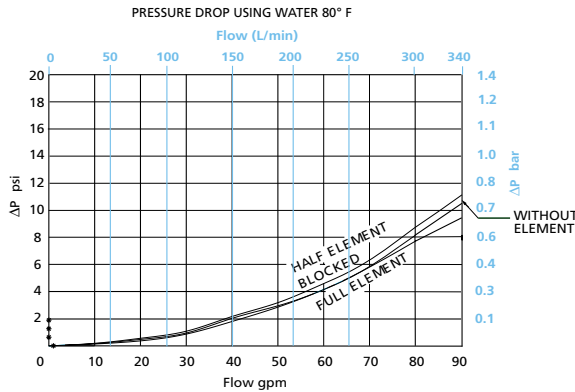
BOX 1    BOX 2    BOX 3    BOX 4  
**BWF** - **150** - **S20** - **L** = **BWF150S20L**

BOX 1	BOX 2	BOX 3	BOX 4
<b>Filter Series</b>	<b>Media</b>	<b>Porting</b>	<b>Options</b>
<b>BWF</b>	150 250 500	S20 = 1 5/8-12 SAE straight (SAE-20) S24 = 1 7/8-12 SAE straight (SAE-24)	0 = none L = handle lock

WW150 = 150 micron (includes O-rings)  
 WW250 = 250 micron (includes O-rings)  
 WW500 = 500 micron (includes O-rings)



Contact factory for flows higher than 90 gpm.



## Filter Model Number Selection

- SC02
- SC04
- SC06
- SC08
- SC10
- SC12

## Replacement Element Part Numbers

- SC16
- SC20

## Pressure Drop Information Based on Flow Rate and Viscosity

- SC24
- SC28
- SC36
- SCM1
- SCM2
- SCB1
- SCB2
- SCB4

**BWF**