

# Spin-on Filters

## OFSS30

Flows to 115 L/min (30 USgpm)  
Pressures to 10 bar (150 PSI)

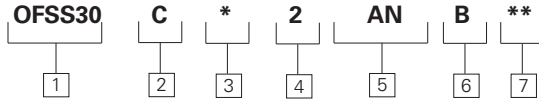


### Features and Benefits

- Simple spin-on element design for easy maintenance.
- Bypass valves prevent excessive pressure drop and accidental element collapse.
- Two available ports for use as gauge and/or diagnostic ports

### DESIGN SPECIFICATIONS

<b>Rated flow:</b>	75 L/min (15 USgpm)	
<b>Temp range:</b>	-27°C to +107°C (-20°F to +225°F)	
<b>Pressure rating:</b>	Operating	10 bar (150 PSI)
	Fatigue	20 bar (300 PSI)
<b>Material:</b>	Head	Die cast aluminum
	Bowl	Carbon steel
<b>Dry weight:</b>	1,0 kg (2.2 lbs.)	



### OFSS30 Series Filter and Element Model Code

Sample model code:  
OFSS30CE2ANB10

**1 Filter Series - OFSS30**

**2 Element Collapse Rating**

**C** - 100 PSI Low Collapse

**3 Port Options**

**B** - 3/4 NPT

**E** - SAE 12

**4 Valve Options**

**2** - Bypass set at 25 PSI cracking pressure

**5 Indicator Options**

**AN** - Visual 0 - 100 PSI, return indicator, color coded

**6 Seal Material**

**B** - Buna-N

**7 Fluid Cleanliness Rating**

Code	Target fluid cleanliness level
<b>05</b>	<b>18/16/14</b>
<b>10</b>	<b>20/18/15</b>
<b>15</b>	Water Removal

**05** 18/16/14

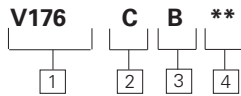
**10** 20/18/15

**15** Water Removal

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### V176 Element Model Code

Sample model code:  
V176CB10

**1 Series Designation**  
**V176** - For use with OFSS30 spin-ons

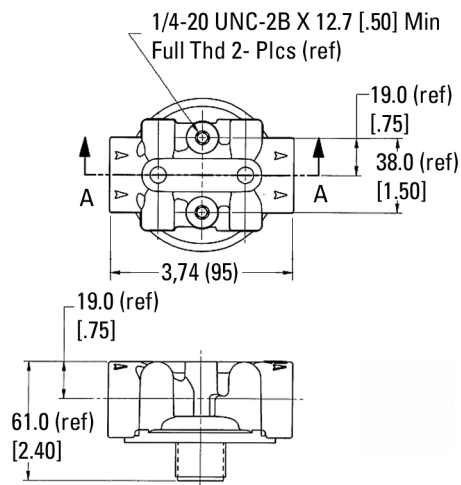
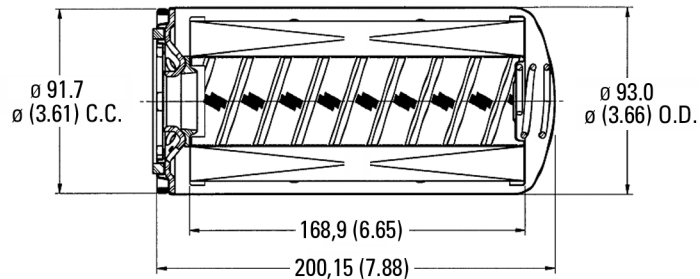
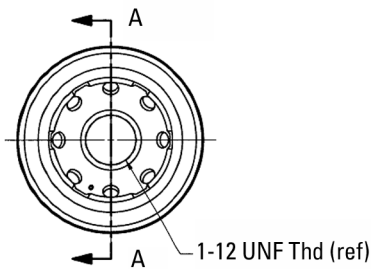
**3 Seal Material**  
**B** - Buna-N

**2 Element Collapse Rating**  
**C** - 100 PSI Low Collapse

<b>4 Fluid Cleanliness Rating</b>	
Code	Target fluid cleanliness level
<b>05</b>	18/16/14
<b>10</b>	20/18/15
<b>15</b>	Water Removal

### Housing Dimensions

mm (inch)



Items not in bold are non-standard and may have a longer lead time

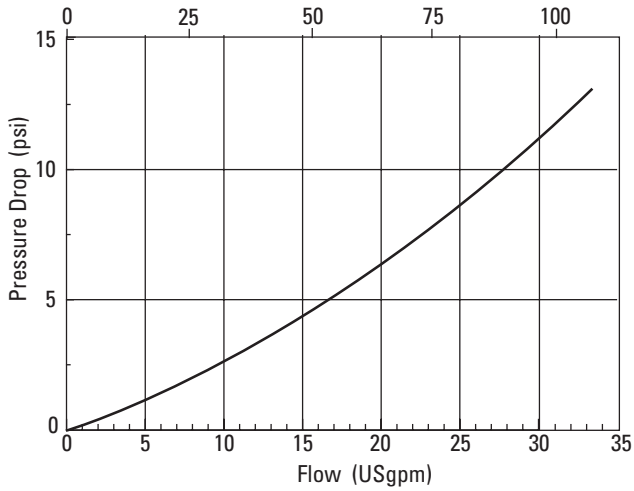
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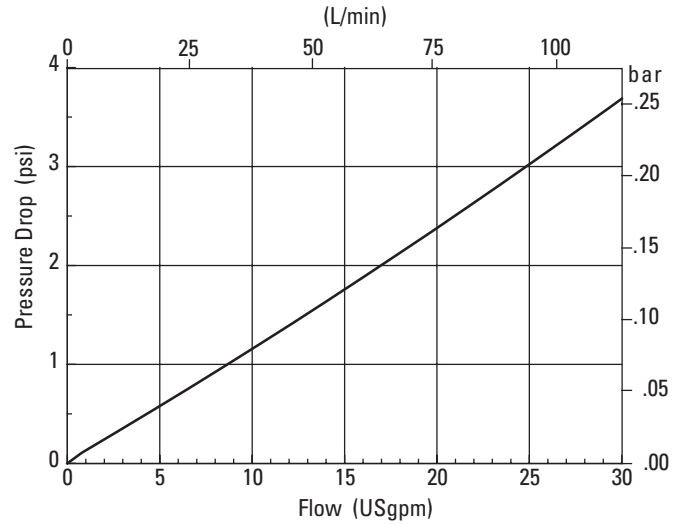
### Flow Data

#### Element Flow Data

OFRS30 5 Micron Element Flow

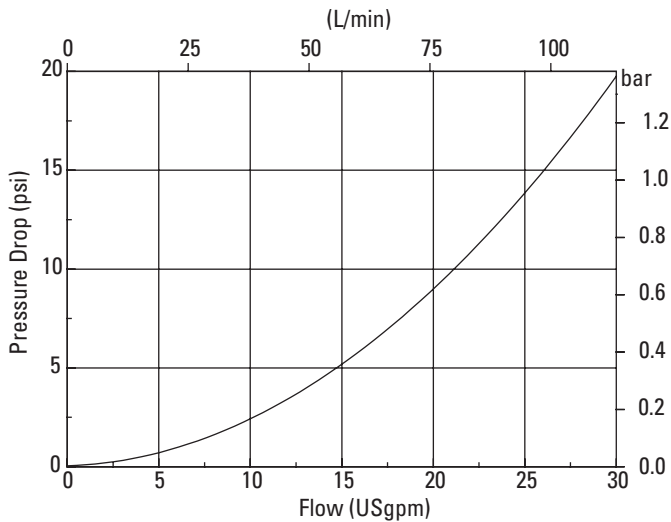


OFRS30 10 Micron Element Flow



#### Housing Flow Data

##### Housing



OFRS30 Water Removal Element Flow

