

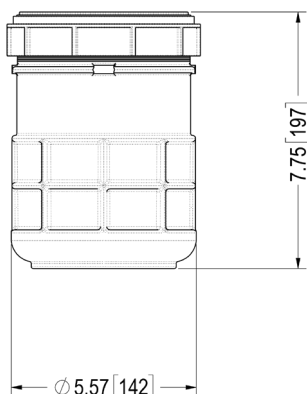
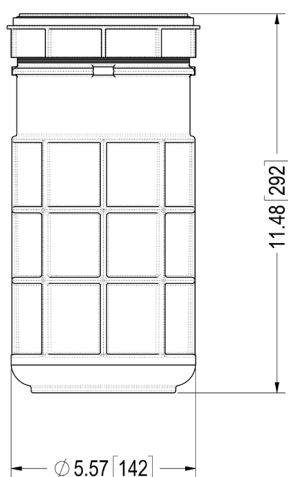
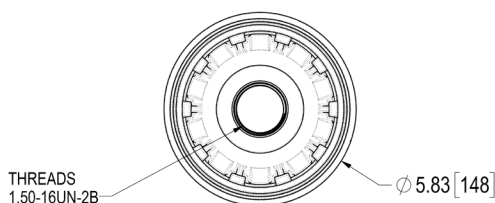
SCB
150 psi - 10 bar
Standard

50 gpm - 190 L/min


Features and Benefits

- Reusable, plastic bowl with disposable element cartridge
- Directly fits on existing spin-on heads in the field
- Eliminates disposal of oil filled, metal spin-on cans in landfill
- Quality Protected design to ensure filter bowl is not operating without a filter element installed
- Available in 7" and 10" lengths
- SCB is packaged as a kit with 1 reusable filter bowl and 2 filter cartridge elements

Note: Not for use in multi spin-on element manifold heads without review of dimensional tolerances



Tested Against Industry Standards:

ISO 4548-14 – Cyclic Testing

ISO 3968 – Performance Testing

ISO 16889 – Performance Testing

BS EN 61373 – Vibration Testing

UL 1105 Spec – Impact Testing

NFPA T2_06_01 – Static/Cyclic Testing

ISO 4548-13 – Static Testing

Sustainable Cartridge Bowl Fluid Compatibility

Petroleum-Based Fluids:	Z-Media® and Anti-Static media (synthetic)
High Water Content:	All Z-Media® and Anti-Static media (synthetic)
Invert Emulsions:	10 and 25µ Z-Media® and all Anti-Static media (synthetic)
Water Glycols:	3, 5, 10, and 25µ Z-Media® and all Anti-Static media (synthetic)

Sustainable Cartridge Bowl Specifications

Flow Rating:	50 gpm (190 L/min)
Max. Operating Pressure:	150 psi (10 bar)
Burst Pressure:	600+ psi (41.4+ bar)
Temperature Range:	-20°F to 225°F (-29°C to 107°C) up 250°F (121°C) with Viton
Replacement Element Case:	6 Elements

Multiple micron & media options available:

- ◆ **Media Types:** Synthetic, Anti-Static, Water Removal, etc.
- ◆ Offered in Buna Nitrile and Viton Seals for fluid compatibility

Element Part Number Selection

Particulate Elements	Filtration Ratio per ISO 16889			Using APC calibrated per ISO 11171	
	DHC(g)	$\beta_x (c) \geq 200$		K-Factor (psid/gpm)	
5SC7Z1	42	<4.0		0.41	
5SC7Z3	36	5.1		0.25	
5SC7Z5	40	8.2		0.17	
5SC7Z10	42	11.6		0.11	
5SC7Z25	50	19.7		0.09	
5SC10Z1	75	<4.0		0.24	
5SC10Z3	63	5.1		0.14	
5SC10Z5	70	8.2		0.10	
5SC10Z10	74	11.6		0.06	
5SC10Z25	88	19.7		0.05	

How to Build a Valid Model Number for a Schroeder SCB:

SCB1						
SCB	Bowl OD	Element	Media	Micron	Seals	Kit

**Starting from the left to the right you will choose your SCB and work your way through each category as illustrated above.

SCB	Bowl OD				
☐ SCB1	☐ 5 = 5" OD				
Element	Media	Micron	Seals		
☐ SC7 = 7" Bowl/Element Length ☐ SC10 = 10" Bowl/Element Length	☐ Z = Synthetic <i>*Other media available on request</i>	☐ 1 ☐ 10 ☐ 3 ☐ 25 ☐ 5	☐ Omit = Buna ☐ V = Viton		

Element Replacement:

5	SC7				
Bowl OD	Element	Media	Micron	Seals	Kit

**Starting from the left to the right you will choose your SCB and work your way through each category as illustrated above.

Bowl OD	Element				
☐ 5 = 5" OD	☐ SC7 = 7" Bowl/Element Length ☐ SC10 = 10" Bowl/Element Length				
Media	Micron	Seals			
☐ Z = Synthetic <i>*Other media available on request</i>	☐ 1 ☐ 5 ☐ 25 ☐ 3 ☐ 10	☐ Omit = Buna ☐ V = Viton			