In-Line Filter LC60

Features and Benefits (LC60)

- Compact design allows for in-line installation.
- Small profile allows filter to be mounted in tight areas.
- Quick and easy cartridge element change outs.
- Durable, compact design.
- Uses 10 micron stainless steel wire mesh filtration.
- Perfect for pilot pressure circuits and pressure compensated pump protection.

8 gpm
30 L/min
6000 psi
415 bar

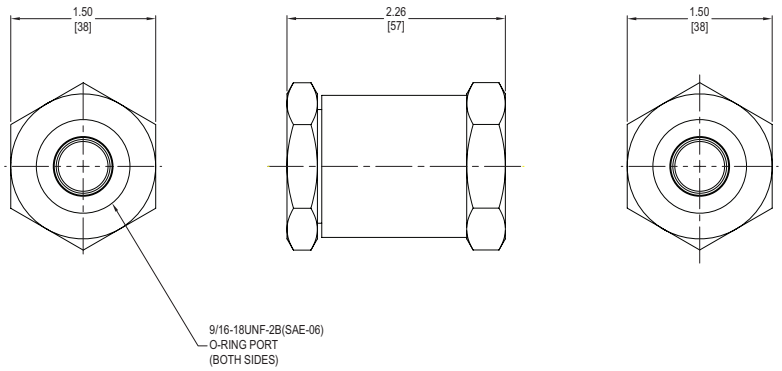
Model No. of filter in photograph is **LC601SSD10S**.

Filter Housing Specifications

Flow Rating:	Up to 8 gpm (30 L/min) for 150 SUS (32 cSt) fluids
Max. Operating Pressure:	6000 psi (414 bar)
Min. Yield Pressure:	18000 psi (1241 bar), per NFPA T2.6.1
Rated Fatigue Pressure:	6000 psi (414 bar), per NFPA T2.6.1
Temp. Range:	-20°F to 225°F (-29°C to 107°C)
Porting Head:	Steel
Element Case:	Steel
Weight:	0.93 lbs. (0.42 kg)
Element Change Clearance:	2.50" (63.5 mm)

Fluid Compatibility

Type Fluid	Appropriate Schroeder Media
Petroleum Based Fluids	All Stainless Steel Wire Mesh
Invert Emulsions	10 µ Stainless Steel Wire Mesh
Water Glycols	10 µ Stainless Steel Wire Mesh



Metric dimensions in ( ).
Dimensions shown are inches (millimeters) for general information and overall envelope size only.
For complete dimensions please contact Schroeder Industries to request a certified print.

LC60 In-Line Filter

Element Performance Information & Dirt Holding Capacity

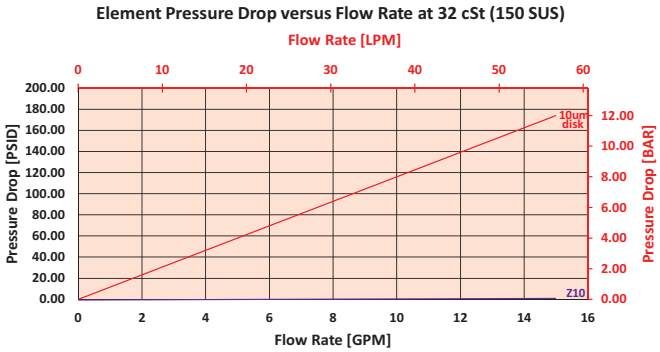
Element	Filtration Ratio Per ISO 4572/NFPA T3.10.8.8 Using automated particle counter (APC) calibrated per ISO 4402			Filtration Ratio per ISO 16889 Using APC calibrated per ISO 11171	
	$\beta_x \geq 75$	$\beta_x \geq 100$	$\beta_x \geq 200$	$\beta_{x(c)} \geq 200$	$\beta_{x(c)} \geq 1000$

Please contact manufacture for more details

Pressure Drop Information Based on Flow Rate and Viscosity

$\Delta P_{housing}$

LC60 $\Delta P_{housing}$ for fluids with sp gr (specific gravity) = 0.86:



Filter Model Number Selection

How to Build a Valid Model Number for a Schroeder LC60:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5
LC60 –		–		–

Example:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	
LC60 –	1 –	SSD10 –		S	= LC601SSD10S

BOX 1

Filter Series
LC60

BOX 2

Number of Elements
1

BOX 3

Element Part Number
SSD10 = 10 µ Stainless Steel Wire Mesh

BOX 4

Seal Material
Omit = Buna N

BOX 5

Porting
S = SAE-6