

SiS117

Filter Housing with DPI

Materials	316L Stainless Steel
Pressure	5000 psi
Ports	1/8", 1/4" & 1/2"
Element	12.32.□

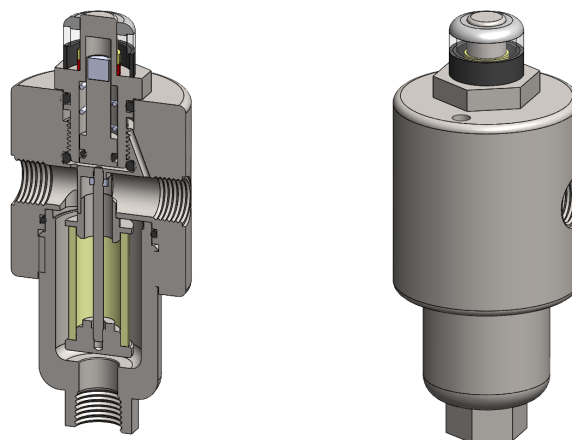
SiS117 series filter housings with differential pressure indicators are specified for general 1/8" & 1/4" line size applications. The SiS127 series housings should be considered for applications where a higher flow rate is required. Higher pressure versions are available, see the SiS119 series for applications up to 10000 psi.

Standard housings have NPT ports and Viton seals. Other seal types are available as an option. BSPT and BSPP port types are also available.

The housings are free from welds and comply with NACE MR-01-75 and are CE marked in accordance with PED 2014/68/EU.

These housings can also be supplied in a wide range of exotic materials, such as Hastelloy, Monel, Titanium etc.

See data sheet CF/2.2a/139 for more details about the DPI.



Technical Specifications

Housing Model (1)	SiS117.101	SiS117.111	SiS117.201	SiS117.221	SiS117.401	SiS117.421
Port Size	1/8" NPT	1/8" NPT	1/4" NPT	1/4" NPT	1/2" NPT	1/2" NPT
Drain	None	1/8" NPT	None	1/4" NPT	None	1/4" NPT
Maximum Pressure, psi	5000	5000	5000	5000	5000	5000
Maximum Temperature, °F (2)	390	390	390	390	390	390
Materials of Construction (3)						
Head, Bowl & Internals	316L SS	316L SS	316L SS	316L SS	316L SS	316L SS
Magnet (4)	Neodymium	Neodymium	Neodymium	Neodymium	Neodymium	Neodymium
Cover	Acrylic	Acrylic	Acrylic	Acrylic	Acrylic	Acrylic
Seals (5)	Viton	Viton	Viton	Viton	Viton	Viton
Filter Element Code (6)	12.32.□	12.32.□	12.32.□	12.32.□	12.32.□	12.32.□
Principal Dimensions in inches						
Diameter	1.97	1.97	1.97	1.97	1.97	1.97
Height	4.61	4.61	4.61	4.61	4.61	4.61
Volume, cc	32.5	32.5	32.5	32.5	32.5	32.5
Weight, lbs	2.03	2.03	2.03	2.03	2.03	2.03
Accessories						
Support Core	SC.SS11	SC.SS11	SC.SS11	SC.SS11	SC.SS11	SC.SS11
Mounting Bracket	MB.SiS21	MB.SiS21	MB.SiS21	MB.SiS21	MB.SiS21	MB.SiS21

Notes

- (1) Change part number to SeS117 for the electrical DPI version
- (2) Maximum temperature 212°F due to differential pressure indicator
- (3) Material abbreviations, 316L SS = 316L Stainless Steel
- (4) The magnet is electroplated with Ni-Cu-Ni
- (5) Add suffix for other seal types, Chemraz = .C, Nitrile = .N, Kalrez = .K, EPDM = .E, Silicone = .S, (e.g. SiS117.221.E)
- (6) Replace the □ with the grade required, e.g. 12.32.5CK, 12.32.S20V, 12.32.T20



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