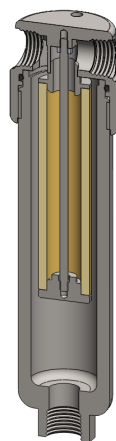**Materials** 316L Stainless Steel
Pressure 350 Bar
Ports 1/8", 1/4" & 1/2"
Vent Option 1/8"
Element 12.76.□

SS147 series filter housings are specified for pilot/operated pressure regulator applications. Fitted with a high efficieny coalescing filter element, the SS147 will remove solid particles and liquid aerosols, giving complete protection to the pilot control valve.

Standard housings have NPT ports and a Viton seal. 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 97/23/EC.

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

Technical Specifications

Housing Model (1)	SS147.111	SS147.111.LB	SS147.221	SS147.221.LB
Port Size	1/8" NPT	1/8" NPT	1/4" NPT	1/4" NPT
Drain	None	None	1/4" NPT	1/4" NPT
Maximum Pressure, Bar (2)	350	350	350	350
Maximum Temperature, ºC (3)	200	200	200	200
Materials of Construction (4)				
Head, Bowl & Internals	316L SS	316L SS	316L SS	316L SS
Seal (5)	Viton	Viton	Viton	Viton
Filter Element Code (6)	12.76.□	12.76.□	12.76.□	12.76.□
Principal Dimensions in mm				
Diameter	36	36	36	36
Height	152	192	152	192
Volume, cc	70	95	70	95
Weight, kg	0.68	0.85	0.68	0.85
Accessories				
Mounting Bracket	MBSS11	MBSS11	MBSS11	MBSS11

Notes

(1) Housings available with a vent option in the top of the head. Add suffix .V11 (e.g SS147.221.V11)

(2) Above 200ºC the pressure rating is reduced, consult us for the exact rating at any specific temperature

(3) Maximum temperature 200ºC using standard seal. For temperatures up to 324ºC use a Chemraz seal

(4) Material abbreviations, 316L SS = 316L Stainless Steel

(5) Add suffix for other seal types, PTFE = .T, Chemraz = .C, Nitrile = N, Kalrez = .K, EPDM = .E, Silicone = .S, (e.g. SS147.221.T)

(6) Replace the □ with the grade required, e.g. 12.76.7CS, 12.76.S20V, 12.76.T20