

SS428 & SHS428

Filter Housing

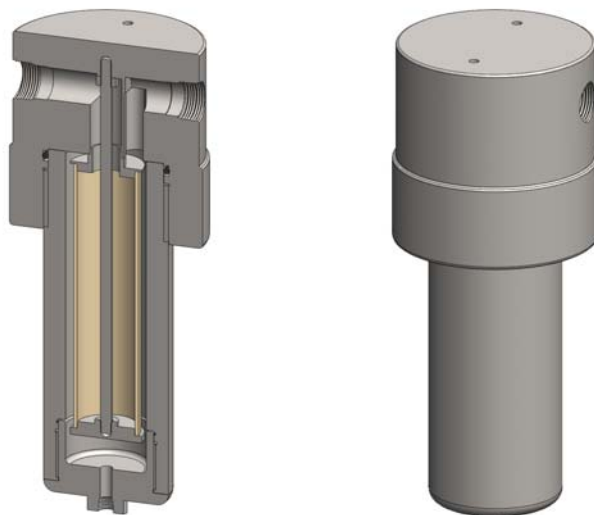
Materials	316L Stainless Steel
Pressure	400 Bar
Ports	1" to 2"
Element	51.230.□

SS428 series filter housings are specified for 1" line size applications up to 400 bar. The SHS428 series are for 1½" and 2" applications and are designed to have a full bore flow path to give higher flow rates. For applications less than 200 bar see the SS425 and SS426 series filter housings.

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 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	SS428.621	SS428.641	SHS428.721	SHS428.741	SHS428.821	SHS428.841
Port Size	1" NPT	1" NPT	1½" NPT	1½" NPT	2" NPT	2" NPT
Drain	1/4" NPT	1/2" NPT	1/4" NPT	1/2" NPT	1/4" NPT	1/2" NPT
Maximum Pressure, Bar (1)	400	400	400	400	400	400
Maximum Temperature, °C (2)	200	200	200	200	200	200
Materials of Construction (3)						
Head, Bowl & Internals	316L SS	316L SS	316L SS	316L SS	316L SS	316L SS
Seal (4)	Viton	Viton	Viton	Viton	Viton	Viton
Filter Elements Code (5)	51.230.□	51.230.□	51.230.□	51.230.□	51.230.□	51.230.□
Adsorber Cartridge Code (6)	51.230.AD□	51.230.AD□	51.230.AD□	51.230.AD□	51.230.AD□	51.230.AD□
Principal Dimensions in mm						
Diameter	164	164	200	200	200	200
Height	409	409	488	488	498	498
Volume, cc	1450	1450	1500	1500	1500	1500
Weight, kg	38	38	64	64	67	67
Accessories						
Support Core	SCSS42	SCSS42	SCSS42	SCSS42	SCSS42	SCSS42
Mounting Bracket	MBSS42	MBSS42	MBSHS428	MBSHS428	MBSHS428	MBSHS428

Notes

(1) Above 200°C the pressure rating is reduced, consult us for the exact rating at any specific temperature

(2) Maximum temperature 200°C using standard seal. For temperatures up to 324°C use a Chemraz seal

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

(4) Add suffix for other seal types, Chemraz = .C, Nitrile = N, Kalrez = K, EPDM = .E, Silicone = .S, (e.g. SS428.621.N)

(5) Replace the □ with the grade required, e.g. 51.230.SCK, 51.230.S20V, 51.230.T20

(6) Replace the □ with the type required, e.g. 51.230.AD01