

SG231 & SS232 Filter Housing

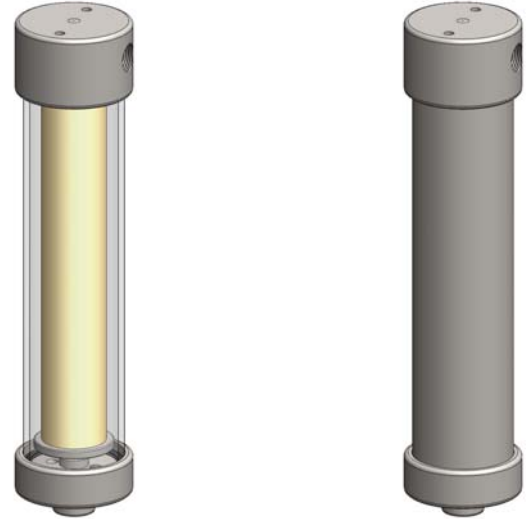
Materials 316L SS & Pyrex Glass
Pressure 7 & 10 Bar
Ports 1/4" or 1/2"
Element 25.178.□

SG231 and SS231 series filter housings are specified for 1/4" & 1/2" line size applications at low pressure. For applications over 10 Bar the SS235 housings are available. The housings are constructed from 316L stainless steel with a stainless steel or Pyrex glass. The Pyrex bowl is also fitted with a bowl guard, this is not shown.

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 conform to SEP of the PED 97/23/EC.

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



Bowl guard not shown

Technical Specifications

| Housing Model | SG231.211 | SG231.221 | SG231.411 | SG231.421 | SS232.211 | SS232.221 | SS232.411 | SS232.421 |
|--------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Port Size | 1/4" NPT | 1/4" NPT | 1/2" NPT | 1/2" NPT | 1/4" NPT | 1/4" NPT | 1/2" NPT | 1/2" NPT |
| Drain | 1/8" NPT | 1/4" NPT | 1/8" NPT | 1/4" NPT | 1/8" NPT | 1/4" NPT | 1/8" NPT | 1/4" NPT |
| Maximum Pressure, Bar (1) | 7 | 7 | 7 | 7 | 10 | 10 | 10 | 10 |
| Maximum Temperature, °C (2) | 100 | 100 | 100 | 100 | 200 | 200 | 200 | 200 |
| Materials of Construction (3) | | | | | | | | |
| Head & Internals | 316L SS | 316L SS | 316L SS | 316L SS | 316L SS | 316L SS | 316L SS | 316L SS |
| Bowl | Pyrex | Pyrex | Pyrex | Pyrex | 316L SS | 316L SS | 316L SS | 316L SS |
| Seal (4) | Viton | Viton | Viton | Viton | Viton | Viton | Viton | Viton |
| Filter Elements Code (5) | 25.178.□ | 25.178.□ | 25.178.□ | 25.178.□ | 25.178.□ | 25.178.□ | 25.178.□ | 25.178.□ |
| Adsorber Cartridge Code (6) | 25.178.AD□ | 25.178.AD□ | 25.178.AD□ | 25.178.AD□ | 25.178.AD□ | 25.178.AD□ | 25.178.AD□ | 25.178.AD□ |
| Principal Dimensions in mm | | | | | | | | |
| Diameter | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 |
| Height | 245 | 245 | 245 | 245 | 245 | 245 | 245 | 245 |
| Volume, cc | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| Weight, kg | 1.25 | 1.25 | 1.25 | 1.25 | 1.3 | 1.3 | 1.3 | 1.3 |
| Accessories | | | | | | | | |
| Support Core | SCSS23 | SCSS23 | SCSS23 | SCSS23 | SCSS23 | SCSS23 | SCSS23 | SCSS23 |
| Mounting Bracket | MBSS21 | MBSS21 | MBSS21 | MBSS21 | MBSS21 | MBSS21 | MBSS21 | MBSS21 |

Notes

- (1) Above 200°C the pressure rating is reduced, consult us for the exact rating at any specific temperature (not SG types)
- (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, PTFE = .T, Chemraz = .C, Nitrile = .N, Kalrez = .K, EPDM = .E, Silicone = .S, (e.g. SG231.221.T)
- (5) Replace the □ with the grade required, e.g. 25.178.SCK, 25.178.S20V, 25.178.T20
- (6) Replace the □ with the type required, e.g. 25.178.AD01