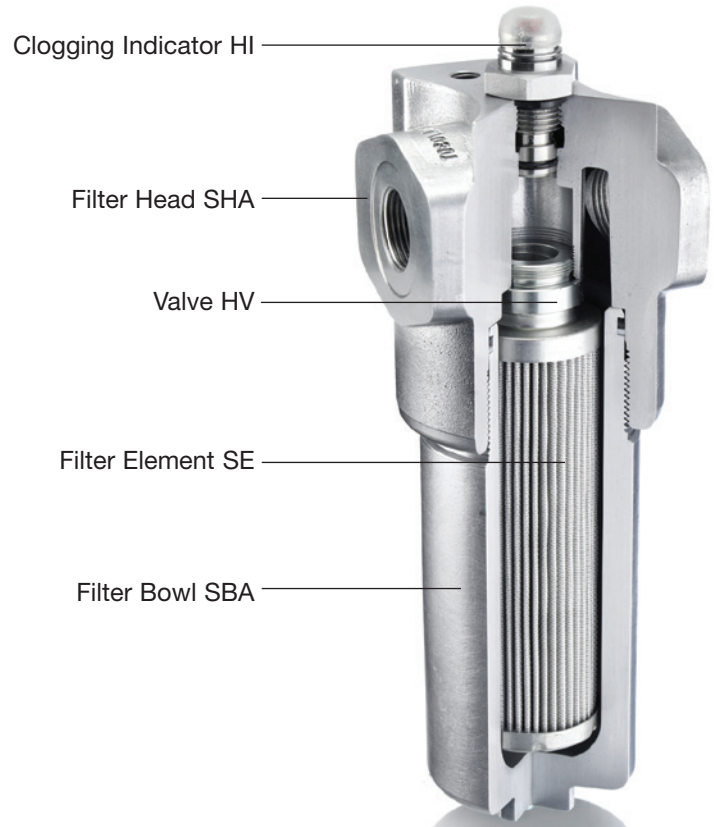


Technical Data

STAUFF medium pressure filters are designed for in-line hydraulic applications with a maximum operating pressure of 190 bar (2755 PSI). Used together with STAUFF filter elements, a high efficiency of contamination removal is assured. The dirt holding capacity of the elements ensures long service life, and as a result, reduced maintenance costs.



Technical Specification

| | |
|--------------------|--|
| Construction | In-line assembly, with threaded mounting holes on top of head |
| Filter head | Cast Aluminum |
| Filter bowl | Aluminum |
| Seals | O-Rings NBR (Buna-N®) FPM (Viton®) EPDM (Ethylene-propylene), support ring PTFE |
| Port connections | BSP, NPT, SAE "O"-Ring thread or SAE Code 61 flange Other port connections available on request |
| Operating pressure | 190 bar (2755 PSI) |
| Proof pressure | 285 bar (4132.5 PSI) |
| Burst pressure | 570 bar (8265 PSI) |
| Temperature range | -10°C to 100°C (14°F to 212°F) |
| By-pass valve | Allows unfiltered oil to by-pass the contaminated element once the opening pressure has been reached, 6 + 0,5 bar (87 + 7.25 PSI) Δp is the standard setting. Other settings available upon request. |

| | |
|----------------------|--|
| Reverse flow valve | Allows reverse flow through the filter head without backflushing the element |
| Non-return valve | Prevents draining of the delivery line during element change |
| Multi-function valve | Forward by-pass, reverse flow capability, and non return valve opening pressure 6 + 0,5 bar (87 + 7,25 PSI) Δp all in one valve |
| Clogging indicators | Standard actuating pressure 5 0,5 bar (72 - 7,25 PSI) Δp Available indicators: visual, electrical and visual- electrical (24 V, 110 V, 220 V versions) other actuating pressures are available upon request |
| Filter elements | Specifications see pages F10-F12 |
| Media | Mineral oils, other fluids on request |