

Technical Data

STAUFF SMPF series medium pressure filters are designed for in-line hydraulic applications with a maximum operating pressure of 110 bar (1600 PSI). Used together with STAUFF filter elements, a high efficiency of contaminant removal is assured.



Technical Specification

Construction	In-line assembly
Filter base and cap	Aluminium alloy
Seals	O-Rings NBR (Buna-N®)
Port connections	BSP, SAE "O"-Ring thread
Flow rating	up to 90 l/min (25 US GPM) for 32 cSt (150 SUS) fluids
Operating pressure	max 110 bar (1600 PSI)
Test pressure	200 bar (2900 PSI)
Temperature range	-25°C to +110°C (-13°F to +230°F)

By-pass valve	Allows unfiltered oil to by-pass the contaminated element once the opening pressure has been reached
By-pass setting	6 bar (87 PSI)
Clogging indicators	standard actuating pressure: 5 bar (72 PSI) indicator types: visual and visual-electrical
Filter elements	Flow characteristics see page F27
Media	Mineral oils, other fluids on request