

Technical Data

STAUFF SIF48 series pressure filters are designed for in-line hydraulic applications with a maximum operating pressure of 345 bar (5000 PSI). The element is changed from the top, which minimizes oil spillage. **The SIF48 series pressure filter meets the HF4 Automotive Standard.**



Technical Specification

Construction	In-line assembly, top loading, base mounted	Temperature range	-29°C to +107°C (-20°F to +225°F)
Filter base and cap	Ductile iron	By-pass valve	Allows unfiltered oil to by-pass the contaminated element once the opening pressure has been reached
Element case	Steel	By-pass setting	2.8 bar (40 PSI)
Seals	O-Rings NBR (Buna-N®), FPM (Viton®)	Clogging indicators	standard actuating pressure 2.8 bar (40 PSI) indicator types: visual, electrical (AC and DC voltage versions)
Port connections	BSP, NPT, SAE "O"-Ring thread, SAE Code 61 flange or sub-plate	Filter elements	Flow characteristics see page F15
Flow rating	up to 380 l/min (100 US GPM) for 32 cSt (150 SUS) fluids, with 2" porting, 570 l/min (150 US GPM)	Media	Mineral oils, other fluids on request
Operating pressure	max 345 bar (5 000 PSI)		
Burst pressure	min 1035 bar (15 000 PSI)		