

## Technical Data

STAUFF RIF48 series return filters are designed for in-line hydraulic applications with a maximum operating pressure of 20 bar (300 PSI). **The RIF48 series in-line filter meets the HF4 Automotive Standard.**



## Technical Specification

Construction	In-line assembly	Temperature range	-29°C to +107°C (-20°F to +225°F)
Filter head	Die cast aluminium	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) indicators types: visual and electrical (AC and DC voltage versions)
Port connections	BSP, NPT, SAE "O"-Ring thread or SAE Code 61 flange	Filter elements	Flow characteristics see page F30
Flow rating	up to 380 l/min (100 US GPM) for 32 cSt (150 SUS) fluids	Media	Mineral oils, other fluids on request
Operating pressure	max 20 bar (300 PSI)		
Burst pressure	min 70 bar (1000 PSI)		