

Technical Data

STAUFF RIF300 series return filters are designed for inline hydraulic applications with a maximum working pressure of 34.5 bar (500 PSI). Used together with STAUFF filter elements, a high efficiency of contaminant removal is assured.



Technical Specifications

Construction	In-line assembly	Burst pressure	min 103 bar (1500 psi)
Filter head and cover	Anodized aluminum	Temperature range	-29°C to 107°C (-20°F to 225°F)
Element case	Plated Steel	Bypass valve	Allows unfiltered oil to bypass the contaminated element once the opening pressure has been reached
Seals	O-rings NBR (Buna-N®) FPM (Viton®)	Bypass setting	3.4 + .34 bar (50 + 5 psi)
Port connections	SAE Code 61 flange	Clogging indicators	Visual, 2.4 bar (35 psi) actuating pressure. Electrical, 2.4 bar (35 psi) actuating pressure.
Flow rating	up to 1135 l/min (300 US GPM) for 32 cSt (150 SUS) fluids	Elements	specifications see page
Operating Pressure	max 34.5 bar (500 psi)	Media	mineral oils, other fluids