

Technical Data

STAUFF RTF10/25 series return filters are designed for in-line hydraulic applications with a maximum operating pressure of 3.4 bar (50 PSI).



Technical Specification

FILTRATION

Construction	Tank Top flange mounting	By-pass valve (integrated in the filter element)	Allows unfiltered oil to by-pass the contaminated element once the opening pressure has been reached Opening pressure 1.7 bar (25 PSI)
Filter head	Die cast aluminum	Clogging indicators	Gage indicator 0-6.9 bar (0-100 PSI) with coloured segments; Electrical, 0.35-2.5 bar (5-35 PSI) adjustable
Element bowl	Polyamide	Elements	Flow characteristics see page F54
Seals	“O”-Rings NBR (Buna-N®), FPM (Viton®)	Media	Mineral oils, other fluids on request
Port connections	BSP, NPT, SAE-“O”-Ring thread		
Flow rating	up to 95 l/min (25 US GPM) for 32 cSt (150 SUS) fluids		
Operating Pressure	max 3.4 bar (50 PSI)		
Test pressure	min 6.8 bar (100 PSI)		
Temperature range	-25°C to +100°C (-13°F to 212°F)		