

Technical Data

STAUFF RFB return line filters are designed as tank top filters. They are mounted directly on the tank top and if 100% of the system oil is filtered they provide the optimum removal of contaminant from the system. This provides the pump with clean oil thus reducing contaminant generated wear. Because of its low weight and compact design, the STAUFF RFB filters are ideally suited for mobile hydraulic applications.



Technical Specification

Construction	Tank Top flange mounting	By-pass valve (integrated in the filter element)	Opening pressure 3 bar \pm 0.3 bar (43.5 PSI \pm 4.35 PSI) other pressures on request
Filter head	Aluminium	Clogging indicator	Gauge type indicator 0...4 bar (0...58 PSI) coloured segments; Electrical switch, setting 2.5 bar (36,25 PSI)
Filter bowl & cap	Glass fiber reinforced polyamide	Filter elements	Specification see page F51
Seals	NBR (Buna-N®), FPM (Viton®) or EPDM (Ethylene-Propylene)	Media	Mineral oils, other fluids on request
Threaded connection	BSP, NPT- and SAE-"O"-Ring thread		
Operating pressure	max 10 bar (145 PSI)		
Proof pressure	24 bar (350 PSI)		
Temperature range	-10° up to +100°C (14° up to 212°F)		