

## Technical Data

STAUFF RFS carbon steel 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 contaminants from the system. This provides the pump with clean oil thus reducing contaminant generated wear. The filter bowl or funnel is designed with a connection, threaded or flanged, for extending the return oil beneath the surface thus preventing the entrainment of air.



## Technical Specification

Construction	Tank Top flange mounting or Inline mounting
Filter	Head/Bowl Carbon Steel
Seals	NBR (Buna-N®)
Connections	BSP and SAE-flange (3000 PSI)
Flow rating	up to 1135 l/min (300 GPM) for 32 cSt (150 SUS) fluids
Operating pressure	max 25 bar (365 PSI)
Proof pressure	37.5 bar (545 PSI)
Temperature range	10°C to 100°C (14°F to 212°F)

By-pass valve	(integrated in the filter element)
Opening pressure	3 bar +/- 0.3 bar (43.5 PSI +/- 4.35 PSI) other pressures on request
Clogging indicators	Refer to page F65 for details
Filter elements	Specification on page F67
Media	Mineral oils, other fluids on request