

RTF 25 N ... B S2 V /X

Filter Type	RTF		
Group			
Size	Flow*		
	l/min	GPM	
10	38	10	
25	90	25	
* Note Exact flow will depend on filter element selected. Consult technical information below.			

Connection Style		Group	
Code	Connection style	10	25
B	BSP	G ¹ / ₂	G1
N	NPT	¹ / ₂	1
S	SAE "O"-Ring thread	N/A	1 ⁵ / ₁₆ - 12UN

For Complete Filters:
 identification filter material
 + micron rating code
 (see ordering code filter elements below)

Design Code	only for information
--------------------	----------------------

Clogging Indicator	
N	No Indicator
V	Visual
E	Electrical
See page F67 for more details on the indicator options.	

Length	
S1	Bowl length 1
S2	Bowl length 2
RTF 10 size available in bowl length 1 only	

Seal Material	
B	NBR (Buna-N®)

RTE 25 D 10 B / S2 /X

Series	RTE
Group	according to filter housing

Filter Material	Micron ratings available	
Code	Material	
D	Filter paper	10, 20, 25,
G	Inorganic glass fiber	10,25

Design Code	only for information
--------------------	----------------------

Length	
S1	for bowl length 1
S2	for bowl length 2
RTF 10 size available in bowl length 1 only	

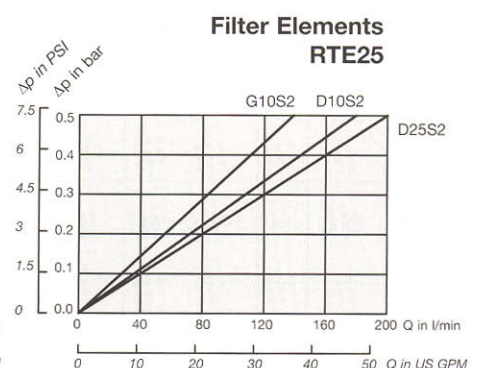
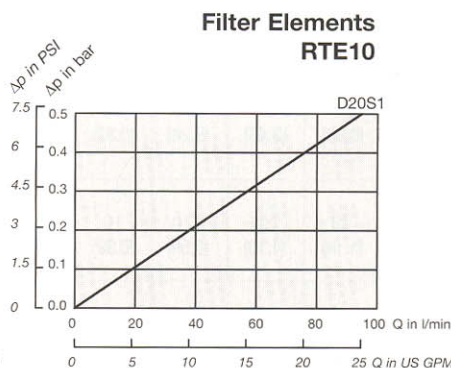
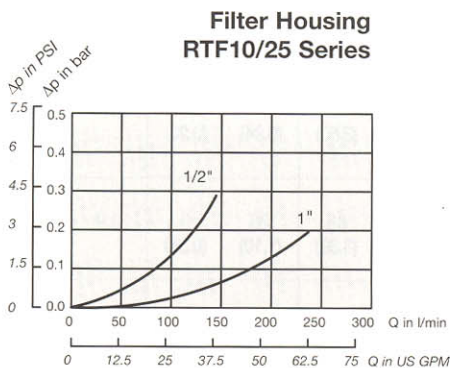
Seal Material	
B	NBR (Buna-N®)

Micron Rating	
Code	Rating
10	10 µm
20	20 µm
25	25 µm

FILTRATION

Flow characteristics of return Line Filters RTF 10/25

The following characteristics are valid for mineral oils with a density of 0,85 kg/dm³ and the kinematic viscosity of 30 mm²/s. The characteristics have been determined in accordance to ISO 3968. Multipass filter ratings have been obtained in accordance to ISO 16889. Consult factory for details.



Technical Data

STAUFF RTF40 series return filters are designed as tank top filters with a maximum operating pressure of 6.9 bar (100 PSI). The filter bowl is designed to return the oil beneath the surface thus preventing entrainment of air.



Technical Specification

Construction	Tank top flange mounting
Filter head	Die cast aluminum
Element bowl	Bowl length 1, Polyamide Bowl length 2, Steel
Seals	“O”-Rings NBR (Buna-N®),
Port connections	BSP, NPT, SAE-“O”-Ring thread, SAE flange
Flow rating	up to 379 l/min (100 US GPM) for 32cSt (150 SUS) fluids
Operating Pressure	max 6.9 bar (100 PSI)
Temperature range	-25°C to +95°C (-13°F to +212°F)

By-pass valve	Allows unfiltered oil to by-pass the contaminated element once the opening pressure has been reached
By-pass setting	1.7 bar (25 PSI) (by-pass in element for RTF47, by-pass in head for RTF48 and RTF49)
Clogging indicators	Gage indicator 0-6.9 bar (0-100 PSI) with coloured segments; electrical, 0.35-2.5 bar (5-35 PSI) adjustable
Elements	Flow characteristics see page F58
Media request	Mineral oils, other fluids on request

FILTRATION