

Hydraulic Filtration



Tank Top Filters



TTF Series

Tanktop mounted return line filters, max 500 l/min – 10 bar

Product Features

- TTF features pre-filtration by means of a magnet column.
- Patented LEIF® elements safeguard filtration quality.
- Flow from inside to out.
- Maximum pressure 10 bar. Maximum flow 500 l/min.
- Options include a filling port in the filter cover and second return port.

Technical Specifications

Product Description:

Tank top mounted, return filter with aluminium head and cover

Maximum Working Pressure: 10 bar

Operating Temperature Range:

Seal material Nitrile: -40°C to +100°C

Seal material Fluoroelastomer: -20°C to +120°C

Seal Material: Nitrile, fluoroelastomer

Bypass Setting: Opening pressure 1.5 or 2 bar.

Other settings on request

Connections: Threaded BSP ports.

Flanged ports available

Filtration Media:* 10 micron Microglass III & Ecoglass III for LEIF® elements

Options: Diffuser type T (with closed diffuser end cap and with perforated plate area, recommended when oil entry in reservoir is close to the reservoir bottom or to ensure oil entry under the reservoir oil level)

For more information see the HFDE product catalogue Ref: FDHB500.

Part Number	Flow L/Min	Bypass	Ports	Included Options	Replacement Elements
TTF310QLBP2EG121	90	1.5 bar	G%	None	937878Q
TTF610QLBP2EG203	170	1.5 bar	G1¼	Diffuser type T	937853Q
TTF810QLBP2EG243	300	1.5 bar	G1½	Diffuser type T	937855Q
TTF1010QLBP2HG24A	500	2.0 bar	G1½	Diffuser type T	937857Q

*Note: All filter assemblies are supplied with plugged indicator ports. Indicator codes are shown on Page 10. Indicators can be ordered separately from the filter assembly. 10 micron element options have been selected for all filter products in this overview except EPF, DF40 and Eco 130 Series filters.

BGT Series

Tanktop mounted return line filters, max 2400 l/min – 10 bar

Product Features

- BGT features pre-filtration by means of a magnet column.
- Patented LEIF® elements safeguard filtration quality.
- Flow from inside to out.
- Maximum pressure 10 bar. Maximum flow 2400 l/min.
- Filter heads with multiple ports available.

Technical Specifications

Product Description:

Tank top mounted, return filter with aluminium head and cover

Maximum Working Pressure: 10 bar

Operating Temperature Range:

Seal material Nitrile: -40°C to +100°C

Seal material Fluoroelastomer: -20°C to +120°C

Seal Material: Nitrile, fluoroelastomer

Bypass Setting: Opening pressure 1.5 bar.

Other settings on request

Connections: Flanges SAE2", 3".

Threaded ports and multiple ports available

Filtration Media:* 10 micron Microglass III and Ecoglass III for LEIF® elements

Options: Diffuser type T (with closed diffuser end cap and with perforated plate area, recommended when oil entry in reservoir is close to the reservoir bottom or to ensure oil entry under the reservoir oil level)

For more information see the HFDE product catalogue Ref: FDHB500.

Part Number	Flow L/Min	Bypass	Ports	Included Options	Replacement Elements
BGT1210QLBPER323	500	1.5 bar	2"SAE-3000-PSI	Diffuser type T	937859Q
BGT1510QLBPER483	1000	1.5 bar	3"SAE-3000-PSI	Diffuser type T	937862Q
BGT1710QBPER483	2000	1.5 bar	3"SAE-3000-PSI	Diffuser type T	937772Q

*Note: All filter assemblies are supplied with plugged indicator ports. Indicator codes are shown on Page 10. Indicators can be ordered separately from the filter assembly. 10 micron element options have been selected for all filter products in this overview except EPF, DF40 and Eco 130 Series filters.