

Parker Product Datasheet



The TTF Series features pre-filtration by means of a magnet column and a quick response bypass with low hysteresis. Maximum pressure 10 bar. Maximum flow 500 l/min. A second return port is an available option as is a filling port in the filter cover.

PART NUMBER: TTF310QBP2EG163
FLOW RATE: 0 to 140 l/min
CONNECTION TYPE: G1
SEAL MATERIAL: Nitrile
FILTER ELEMENT TYPE: 10Q Microglass
MICRON RATING: 10 µm
OPTIONS: Diffuser type T
INDICATOR TYPE: No indicator, port plugged L+R
BYPASS VALVE PRESSURE RATING: 1.5 bar
PORT CONNECTION TYPE: G1 *
FILTER ELEMENT: 10Q Microglass *
BYPASS VALVE (BAR): 1,5 *
FLOW CAPACITY (L/MIN): 90 *

PRODUCT OVERVIEW

Parker TTF tank top mounted return line filters feature pre-filtration by means of a magnet column and a quick response bypass with low hysteresis. Thanks to the “In-to-Out” filter principle, contaminated oil cannot leak back into the system during element change.

TTF filters are available in formats capable of handling flow rates up to 500 l/min. They can operate up to a maximum working pressure of 10 bar. Options include a filling port in the filter

cover, a second return port and customised diffusers can be specified.

Features and Benefits

- 10 bar rated filter can be utilised for severe return line applications for reduced downtime due to premature filter failures
- Patented *LEIF*® elements safeguard filtration quality
- Magnetic pre-filtration removes ferrous particles, even during bypass conditions for improved cleanliness levels and extended element life time
- In-to-out filtration means captured contamination is retained inside the element preventing recontamination of the filter
- Quick response bypass with low hysteresis for improved system protection.

TECH SPECIFICATIONS

DIVISION	Hydraulic & Industrial Process Filtration Division EMEA
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INDUSTRY	Materials Handling
INDUSTRY	Construction
INDUSTRY	Trucks and Buses
APPLICATION	Refuse Trucks
APPLICATION	Mobile Cranes
APPLICATION	Wheel Loaders
APPLICATION	Power Packs
APPLICATION	Drilling Equipment
BRAND	Parker
TECHNOLOGY	Filtration
TECHNOLOGY	Hydraulics

PRODUCT STYLE	Tanktop Mounted Return Line Filter
PRODUCT SERIES	TTF Series
PRODUCT TYPE	Hydraulic Oil Filters
OPERATING PRESSURE	150 psi
OPERATING PRESSURE	10 bar
OPERATING TEMPERATURE	-40 to 100 °C
MOUNTING TYPE	Tanktop Mounted
FILTER ELEMENT TYPE	10Q Microglass
BYPASS VALVE PRESSURE RATING	1.5 bar
INDICATOR PRESSURE SETTING	No Indicator