

Tanktop Mounted Return Line Filter - BGT Series

Part # BGT1710QBS1ER481



The BGT Series features pre-filtration by means of a magnet column and a full flow bypass with low hysteresis. Providing maximum flow rates of 2400 l/min at maximum pressure 10 bar.

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Technical Specifications

Port Connection Type:	3"SAE *	Micron Rating:	10 µm
Filter Element:	10Q Microglass *	Filter Type:	Tanktop Mounted Return Line Filter
Bypass Valve (bar):	1,5 *	Indicator Type:	Electrical 42V, NO/NC, M10x1
Flow Capacity (l/min):	2000 *	Product Series:	BGT Series
Flow Rate:	0 to 2000 l/min	Options:	No Diffuser
Mounting Type:	Tank Mounted, Tank Mounted	Flow Rate:	2000 L/min
Division:	Hydraulic and Industrial Process Filtration EMEA	Application:	<ul style="list-style-type: none"> • Mobile cranes • Excavators • Deck cranes • Fire fighting equipment • Hydraulic presses • Waste balers • Industrial power units • Fork lift trucks
Bypass Valve Pressure Rating:	1.5 bar	Seal Material:	Nitrile
Pressure Rating:	10 bar, 0-34 bar (0-500 psi)	Housing Material:	Aluminium, Aluminium
Brand:	Parker	Operating Temperature:	-40 / +100 °C
Connection Type:	3"SAE		
Technology:	Filtration		
Product Type:	Hydraulic Filter		
Filter Element Type:	10Q Microglass		

[Safety Warning](#)

Item Information

BGT tanktop 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. BGT Filters are available in versions capable of handling flow rates up to 2400 l/min. They can operate with a maximum working pressure of 10 bar.

LEIF® elements are available for environment-friendly filtration for versions up to 1500 l/min.

Product Features:

- BGT features pre-filtration by means of a magnet column.
- Filter heads with multiple ports available.
- Flow from inside to out.



- Full flow with low hysteresis.
- Pressure 10 bar. Maximum flow 2400 l/min.
- Pleated filter elements safeguard filtration quality.

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