

## High Pressure In-Line Filter - 100P Series

Part #: 100P102QBT2MF321



The 100P Series high pressure in-line filters have been designed so only the end cap of the bowl needs to be removed in order to change the element making it ideal for applications where space is at a premium.

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### Technical Specifications

|                        |  |                             |   |
|------------------------|--|-----------------------------|---|
| Flow Rate:             | 600 l/min  | Mounting Type:              | Inline  |
| Brand:                 | Parker   | Housing Material:           | Cast Iron / Steel   |
| Division:              | Hydraulic & Industrial Process Filtration Division EMEA  | Specifications Met:         | Degree of filtration determined by multipass test according to ISO 16889. |
| Industry:              | Industrial Manufacturing Equipment, Oil and Gas          | Micron Rating:              | 5, 10, 20 µm  |
| Application:           | Drilling Rigs, Power Packs, Flight Simulators, Test Rigs | Indicator Pressure Setting: | 7.0 bar   |
| Technology:            | Hydraulics, Filtration                                   | Filter Element:             | 02Q Microglass  |
| Product Type:          | Hydraulic Filter   | Indicator Type:             | Electrical NO/NC  |
| Product Series:        | 100P Series  | Port Connection Type:       | 2" SAE-6000   |
| For Fluid Type:        | Hydraulic Oil  | Seal Material:              | Nitrile   |
| Operating Pressure:    | 414 bar, 6000 psi  | Options:                    | Standard  |
| Operating Temperature: | -40 to +100 °C   |                             |   |

[Safety Warning](#)

### Item Information

The 100P Series is designed to meet the growing demand for high-pressure filters with a flow rate capacity of up to 1000 l/min at 414 bar working pressure.

**Features and Benefits:**

- Strong and robust housing for heavy duty applications with a 414 bar pressure rating
- Suitable for high flow rates flow rates up to 1000 l/min for excellent protection of high performance machinery
- Optional reverse flow valve prevents back wash of element ideal for applications where backwash is required
- Bottom access bowl for easy element change
- Microglass III replacement elements with multi-layered design for high capacity and efficiency
- Visual and electrical indicators are available to match the application requirements

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**CAD Drawings + Files**



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