

[Home](#)

[Products](#)

[Support](#)

[Industries](#) / [Products](#) / [Filters, Collecto...](#) / [Filter Assemblies...](#) / [Hydraulic Filters](#) / [High Pressure Inl...](#) / EPF3205QIBPKG161

[Services](#)

[Solutions](#)

High Pressure Inline Hydraulic Oil Filter – iProtect® EPF Series

Part # EPF3205QIBPKG161



The Parker EPF Series is a highly compact, eco-friendly inline hydraulic oil filter that features a re-usable element core. Capable of flows up to 700 L/min (185 GPM). Maximum allowable operating pressure 450 bar (6,500 psi).

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Technical Specifications

Port Connection Type:	G1	Application:	Deck and mobile cranes, Forwarders, Hydraulic presses, Marine steering units, Power packs, Excavators, Harvesters, Reach stackers, Wheeled loaders, Drilling equipment, Industrial power units, Wind turbines
Filter Element:	05QI (Microglass)	Micron Rating:	5 µm
Bypass Valve (bar):	3.5	Technology:	Filtration, Hydraulics
Flow Capacity (l/min):	0 to 210	Indicator Type:	Plugged with steel plug
Mounting Type:	Inline	Product Type:	Hydraulic Oil Filters
Indicator	No indicator	Product Series:	iProtect® EPF
Pressure Setting:		Seal Material:	Nitrile
Flow Rate:	0 to 210 l/min	For Fluid Type:	Hydraulic Oil
Brand:	Parker	Options:	Standard, incl. Bypass
Division:	Hydraulic & Industrial Process Filtration Division EMEA	Materials of Construction:	Housing: Iron/Steel
Bypass Valve Pressure Rating:	3.5 bar	Specifications Met:	Degree of filtration determined by multipass test according to ISO 16889.
Connection Type:	G1	Product Style:	Inline Filter
Industry:	Agriculture, Construction, Oil and Gas, Marine, Mining, Material Handling	Operating Pressure:	450 bar, 6500 psi
Filter Element Type:	05QI (Microglass)	Operating Temperature:	-40 to +100 °C

Safety Warning

Item Information

The Parker EPF Series is a high pressure, inline hydraulic oil filter that provides high-efficiency filtration for equipment in demanding environments, including mining, construction, marine, drilling, and agricultural applications. A unique feature of the EPF Series is that the filter element remains inside the filter bowl when performing a change-out. This can save over 500 mm of space envelope in comparison with traditional high filters on the market. The filter element core is also reusable, which reduces waste by up to 50% when compared to conventional filters reusable elements.

- Prevents damaging of hydraulic circuits or machinery done by dirt, sand, dust, metal, etc.

Solutions

- Lengthens time in between required maintenance intervals, reduces operating costs, and extends overall equipment/machine operational life

Where to Buy.

- Compact filter design can save over 500 mm of space envelope when compared to traditional inline hydraulic filters
- Reusable element core with patented filtration technology reduces waste by up to 50% when compared to conventional filters with non-reusable elements
- A "clever" design minimizes the likelihood of installation mistakes
- Can be equipped with an optional reverse flow. This valve assembly is integrated in the element end cap and isolates the filter medium during reverse flow conditions.
- Protected aftermarket to guarantee the use of genuine products to protect equipment/machinery.
- Provides OEM branding (labelling) opportunities
- High efficiency Quantumfiber™ glass media increases particle capture and dirt holding capacity.

For more information or a detailed discussion about your specific requirements please contact Parker or an authorised Parker distributor.

CAD Drawings + Files



Related Documents



Related Products

<p>Parker Certified Accumulator Service Centers</p>	<p>High Pressure Hydraulic Oil Filter Replacement Elements – iProtect® EPF Series</p>	<p>Hydraulic Reservoir Breather / Air Filter - EAB Series</p>	<p>Medium Pressure Inline Hydraulic Oil Filter – iProtect® GMF Series</p>
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