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High Pressure In-Line Filter - 70/70 Eco Series

Part #: 70T110QBM3KG161



High pressure inline hydraulic oil filter series is a proven filter concept, with multiple connection options up to 500l/min and pressures up to 420 bar.

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Technical Specifications

Division:	Hydraulic and Industrial Process Filtration EMEA		
Flow Rate:	0 to 170 l/min		
Indicator Pressure Setting:	2.5 bar		
Brand:	Parker		
Technology:	Filtration	Application:	Drilling machines Dumpers Hydraulic power units Mobile cranes Reach stackers Container handling equipment Cranes Excavators Crushing machines Propulsion systems Deck machinery Wind turbines Hydropower Servo controls
Seal Material:	Nitrile		
Bypass Valve Pressure Rating:	3.5 bar		
Product Series:	70/70 Eco Series		
	Mining		
	Material handling		
	Construction		
	Marine		
	Power Generation		
	Industrial Machinery		
	Injection Moulding		
Industry:		For Fluid Type:	Suitable for use with mineral and vegetable oils, and some synthetic oils.
		Operating Pressure:	420 bar
		Operating Temperature:	-40°C to +100°C
			Head:
Connection Type:	G1"	Materials of Construction:	Cast iron (GSI).
Options:	Standard		
			Bowl:
			Steel. Max torque 40 Nm.

[Safety Warning](#)

Item Information

The 70/70 Eco Series of high pressure filters are designed to satisfy demanding applications in the mobile and industrial markets. With multiple mounting options, this high pressure filter series is right filter for many applications. The 70/70 Eco Series filter series has a wide range of high capacity and low initial differential pressure elements, including a no metal content Eco element, offering excellent protection to system components.

The 70/70 Eco Serie offers several bowl lengths to secure the lowest possible pressure drop for each application. For critical applications such as servo or proportional controls, a no bypass high strength element combination ensures maximum protection.

The low hystereis differential pressure indicator fitted to this series is unrivalled in its performance.

Typical Applications

- Mobile working hydraulics
- Mobile drive system
- Injection moulding
- Servo controls
- Die casting
- Machine tools
- Industrial power units

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

CAD Drawings + Files



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