



# LKF

Fuel prefilter

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The company  
Willibrord Lösing Filterproduktion GmbH is certified  
in accordance with DIN EN ISO 9001:2015 as well as  
DIN EN ISO 14001:2015.



# LKF

## Fuel prefilter

### Fuel prefilter LKF

The coalescence filter LKF reliably removes particles and water from fuel. It is characterised by its compact design and the use of lightweight materials.

### Technical features - Advantages

- Robust system for effective separation of water and particles from fuel
- Two-stage filtration: 1. Stage coalescence [water droplet enlargement] and particle separation, 2nd stage water separation
- Large filter surface
- Water separation efficiency > 95%
- Low flow resistance
- High mechanical load capacity
- Compact dimensions
- Various connection options
- Suitable for suction and pressure side
- Improved protection of injection components
- Easy installation
- Low maintenance requirements
- Traceability with RFID
- Counterfeit protection by RFID technology
- Durable, easy operation
- Suitable for all vehicles/machines equipped with diesel engines
- Biodiesel-resistant

### Installation

- Can be installed before or after the fuel lift pump
- Installation at an easily accessible point of the fuel line
- In- and outlet port can be connected on the left and/or right as desired
- Filter can be installed above or below tank level

### Optionen

- Water-in-fuelsensor
- Contamination detection
- Manual Priming Pump

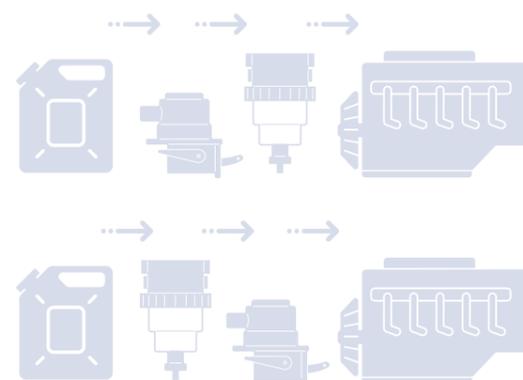
### Areas of application LKF-Automotive and LKF-Industrial

- Trucks, buses
- Crane trucks
- Municipal vehicles, etc.
- Construction machinery, forklift trucks
- Compressors
- Agricultural machinery
- Marine engines
- Stationary engine generators
- Welding and pumping units
- Mining machinery
- Rail vehicles

### Quality

All products made by Willibrord Lösing Filterproduktion GmbH are designed to meet highest market requirements. They are permanently tested for workmanship, functionality and durability throughout the entire development process, from the design phase to production. In addition to institutional certifications, our own strict testing standards form the basis for a consistently high level of quality.

Our distribution organization, built up over decades, guarantees fast and reliable supply chains and services.



Schematic example: The LKF is installed before or after the fuel lift pump



LKF-Automotive



LKF-Industrial

Willibrord Lösing Filterproduktion GmbH provides a wide range of highly innovative filtration solutions. Please feel free to contact us if you have any specific requirements. In addition to the standard products, we also offer special solutions adapted to your specifications.

Technical data LKF-Automotive	Technical data LKF-Industrial
<b>Dimensions</b>	<b>Dimensions</b>
approx. 110 mm [W] x approx. 180 mm [H] x 116 mm [D]	approx. 143 mm [W] x approx. 244 mm [H] x 158 mm [D]
<b>Weight</b>	<b>Weight</b>
< 0.5 kg	< 0.8 kg
<b>Flow rate</b>	<b>Flow rate</b>
max. 3 l/min	max. 8 l/min
<b>Filter finenesses</b>	<b>Filter finenesses</b>
10 µm, 6 µm, 3 µm, insert can be changed separately	10 µm, 6 µm, 3 µm, insert can be changed separately
<b>Operating pressure range</b>	<b>Operating pressure range</b>
-800 mbar ... 5000 mbar, short-term < 6000 mbar	-800 mbar ... 1500 mbar, short-term < 2000 mbar
<b>Temperature ranges</b>	<b>Temperature ranges</b>
-40 °C ... +85 °C	-40 °C ... +85 °C
<b>Water collection capacity</b>	<b>Water collection capacity</b>
approx. 70 ml	approx. 200 ml
<b>Connection</b>	<b>Connection</b>
6 x M 14 x 1,5	6 x M 16 x 1,5