



# SWK

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.



# SWK

## Fuel prefilter

### Fuel prefilter SWK

The fuel prefilter SWK 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
- High mechanical load capacity
- Various connection options
- Improved protection of injection components
- Extended replacement interval of the filter element due to sedimentation
- Compact dimensions
- Easy installation
- Low maintenance requirements
- Durable, easy operation
- Suitable for all vehicles/machines equipped with diesel engines
- Biodiesel-resistant

### Installation

- Installation on the suction side of the fuel system, i.e. between the fuel tank and 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

### Options

- Different sizes for perfect matching to the respective engine, i.e. available in different flow rates from <1 l/min to 260 l/min

Other versions and accessories available

- Electric heating system
- Water-in-fuelsensor
- Contamination detection
- Manual Priming Pump

### Special versions

- Double units
- Switch-over units
- Heat-resistant filters

### Areas of application

- Construction machinery, forklift trucks
- Mining machinery
- Buses, trucks, municipal vehicles
- Agricultural machinery
- Generators
- Compressors, stationary machines
- Crane trucks
- Rail vehicles
- Vessels

### 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 SWK is installed on the suction side in between the tank and the fuel lift pump



Special version:  
Switch-over units  
e.g. for marine applications



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.

### Approvals/certificates

- American Bureau of Shipping, ABS
- Bureau Veritas Type Approval Certificate, BV
- Germanischer Lloyd Type Approval Certificate, DNV/GL
- German Technical Department of Army Ship and Marine Weapons, WTD
- Kraftfahrtbundesamt Flensburg, KBA
- Lloyd Type Approval Certificate, LR
- Registro Italiano Navale, RINA
- Rheinisch-Westfälischer TÜV, RWTÜV

### Technical Data

#### Dimensions, depending on type

140 mm [H] x 275 mm [W] x 90 mm [D] bis

1100 mm [H] x 860 mm [W] x 430 mm [T]

#### Filter fineness cellulose

10 µm oder 30 µm

#### Water collection capacity, depending on type

120 ml ... 8.5 l

#### Connections, depending on type

M 16 x 1.5, ... ø 3"

#### Weight, depending on type

2.5 kg ... 120 kg

#### Flow rate, depending on type

5 l/min ... 260 l/min

#### Filter fineness stainless steel screen mesh

30 µm oder 60 µm

#### Operating pressure range

-1000 mbar ... 500 mbar

#### Temperature ranges

-40 °C ... +80 °C

Willibrord Lösing Filterproduktion GmbH develops solutions for all applications related to fuel systems. Our focus is always on the maximum protection of the engines in order to ensure long-term, trouble-free operation. Our solutions are based on many years of experience providing best results.