

## Wilo-Zulaufdichtungsset Wilo Inlet Seal Kit



**en** Assembly instructions



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# 1 Safety

## 1.1 About these instructions

These instructions form part of the product. Compliance with the instructions is essential for correct handling and use:

- Before all activities, read the instructions carefully
- Always keep the instructions in an accessible place
- Observe all product specifications
- Observe the markings on the product

The language of the original operating instructions is English. All other languages of these instructions are translations of the original operating instructions.

## 1.2 Protective equipment for staff

The specified protective equipment is the minimum requirement. Observe the requirements of the factory regulations.

- Safety gloves (EN 388): 4X42C (uvex C500 wet)
  - Safety glasses (EN 166): (uvex skyguard NT)
    - Marking of frame: W 166 34 F CE
    - Marking of eyeglass-lens: 0-0.0\* W1 FKN CE
- \* Protection level according to EN 170 not relevant for this work.

## Article recommendations

The mentioned branded articles are non-binding recommendations. Equal products from other brands can also be used. The prerequisite is the fulfilment to the mentioned standards.

WILO SE accepts no liability for conformity with the relevant standards for the articles mentioned.

### 1.3 Hazardous fluids: working on used products

The lifting unit collects sewage. There is a risk of bacterial infection if you work on used products. You can come into contact with the hazardous fluid. Observe the following points:

- Wear protective equipment!  
Also wear a respiratory mask: Half mask 3M series 6000 with filter 6055 A2
- Before assembly:
  - Shut down the lifting unit
  - Empty tank
  - Clean and disinfect the tank

**NOTICE! Observe all instructions in the "Shut-down/dismantling" section of the installation and operating instructions!**

## 2 Scope of delivery

Article no.	Seal	Hole saw	Pipe clamp
2522672	DN 100 included	–	–
2552849	DN 150 included	–	–
2552850	DN 200 included	–	–
2521841	DN 100 included	124 mm (5 in) included	included
2515145	DN 150 included	175 mm (7 in) included	included
2552851	DN 200 included	215 mm (8,5 in) included	included

## 3 Installation

- Connect the inlet only within the marked areas. The inlet areas are described in the operating instructions of the lifting unit!  
If the inlet is located outside the marked areas, the following problems can occur:
  - The connection leaks
  - Backflow into the inlet pipe.
- Avoid a gushing inflow and air intake into the collection tank. Install the inlet properly.  
**CAUTION! Gushing inflow or air intake into the collection tank can lead to malfunctions of the lifting unit!**
- To allow the inlet pipe to drain off by itself, install the inlet pipe with a gradient to the lifting unit.
- Minimum height from floor to the centre of the inlet: see installation and operating instructions of the lifting unit!
- All connections must be tight!

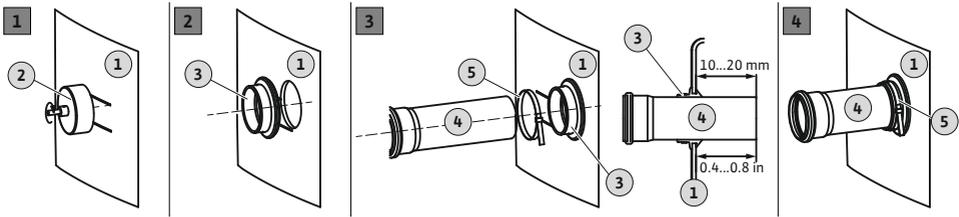


Fig. 1: Installing the inlet seal and inlet pipe

1	Tank wall
2	Hole saw, insert for drill
3	Inlet seal
4	Inlet pipe
5	Pipe clamp

- ✓ Lifting unit installed properly.
  - ✓ Inlet pipe installed to the collection tank according to the consulting guide.
  - ✓ Provide installation material:
    - 1x hole saw
    - 1x drill
    - 1x seal
    - 1x pipe clamp
1. Mark the inlet on the collection tank.
  2. Cut the hole with the hole saw into the tank wall.  
During the drilling of the hole, observe the following:
    - Observe the dimensions of the inlet area. **CAUTION! The drilled hole must be completely within the marked inlet area!**
    - Max. speed of the drill: 200 rpm.
    - Check the hole diameter! **NOTICE! Drill the hole carefully. Impermeability of the connection depends on the drilled hole!**
    - The drilling chips must fall cleanly from the hole saw! If the drilling chips stick to the hole saw, the material heats up too quickly and melts. If the material melts, observe the following instructions:
      - ⇒ Stop drilling, let the material cool down, and clean the hole saw!
      - ⇒ Reduce the drilling speed.
      - ⇒ Vary feed rate during drilling.
  3. Deburr and smooth the cut edge.
  4. Insert the seal into the hole.
  5. Push the pipe clamp onto the seal.
  6. Coat the inner surface of the seal with lubricant.
  7. Push the inlet pipe into the seal.  
Push the inlet pipe 10 ... 20 mm (0.4 ... 0.8 in) into the collection tank.
  8. Connect the seal and pipe with the pipe clamp. **Tightening torque: 5 Nm (3.7 ft·lb).**
    - ▶ Inlet seal and inlet pipe installed.



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