**Basement drains**

**with / without twin flap backwater valve**

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### Drehfix

<table>
<thead>
<tr>
<th>Illustration and dimensioned drawing</th>
<th>Article description</th>
<th>Outer diameter Ø (mm)</th>
<th>Article #</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="drehfix.png" alt="Diagram" /></td>
<td>Basement drain <em>Drehfix</em> in ABS</td>
<td>Ø 110</td>
<td>27301</td>
</tr>
<tr>
<td></td>
<td>With twin flap backwater valve</td>
<td>Ø 110</td>
<td>33101</td>
</tr>
<tr>
<td></td>
<td>Without twin flap backwater valve</td>
<td>Ø 110</td>
<td></td>
</tr>
<tr>
<td></td>
<td>with/without removeable twin flap backwater valve and emergency closure which can be locked by hand, odour trap and sludge trap and integrated, height adjustable upper section. <strong>Lateral outlet 2.5°</strong>, installation depth (D) 210 - 240 mm.</td>
<td>Ø 110</td>
<td></td>
</tr>
<tr>
<td></td>
<td>with slotted cover 150 x 190 mm made of polymer, black, with Easy Entry Function. <strong>Class K 3</strong> (able to withstand loads up to max. 300 kg).</td>
<td>Ø 110</td>
<td></td>
</tr>
<tr>
<td></td>
<td>According to EN 13564 Type 5</td>
<td>Ø 110</td>
<td></td>
</tr>
</tbody>
</table>
| | 1.8 l/sec flow rate  
Installation area 320 x 190 mm | | |

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### Pumpfix S

<table>
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<tr>
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</table>
| ![Diagram](pumpfix_s.png)            | Backwater pumping station *Pumpfix S* made of polymer for wastewater without sewage  
**Lateral outlet 2.5°**, for installation in a concrete slab/floor for installation depth (D) from 481 - 656 mm  
With removable pump, twin flap backwater valve and odour trap. Twin flaps, self-closing, one of which can be locked by hand, self activating pump during backwater. With telescopic upper section for free height and level adjustments recessed cover for on-site tiling, class A 15, made of polymer. With moisture protective recessed flange. **Not for use as a lifting station.** | Ø 110                  | 28451     |
|                                      | According to EN 13564 Type 5 | Ø 110                  |           |
| | 1.6 l/sec flow rate  
Installation area 700 x 700 mm | | |

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### “The Universal”

<table>
<thead>
<tr>
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</table>
| ![Diagram](universal.png)           | Basement drain *“The Universal”* in PP with odour trap and sludge trap  
**1 With twin flap backwater valve**  
**2 Without twin flap backwater valve**  
**☐ with slotted cover 188 x 188 mm made of polymer, black, class K 3** (able to withstand loads up to max. 300 kg). **Installation depth (D) 216 - 276 mm**  
**☐ with slotted cover 187 x 187 mm and rim in stainless steel AISI 304, screwed, class L 15** (able to withstand loads up to max. 1.5 to). **Installation depth (D) 216 - 266 mm** | Ø 110                  | 27611     |
|                                      | According to EN 13564 Type 5 | Ø 110                  | 29111     |
|                                      | According to EN 13564 Type 5 | Ø 110                  | 27621     |
|                                      | According to EN 13564 Type 5 | Ø 110                  | 29121     |
| | 1.8 l/sec flow rate  
Installation area 400 x 320 mm | | |

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### Products

- **KTP 500**
- **EN 1253**
- **According to EN 13564 Type 5**
- **Class K 3** (able to withstand loads up to max. 300 kg).
- ** Installation area 320 x 190 mm**
- **Installation area 400 x 320 mm**
- **Installation area 700 x 700 mm**

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IPS Flow Systems | Seaham Grange Industrial Estate | Seaham | Co Durham | SR7 0PT | Tel: 0191 521 3111 | www.ipsflowsystems.com
Basement drains
with / without twin flap backwater valve

Installation example *Pumpfix S*

*Pumpfix S* is a basement drain for wastewater without sewage with gravity drainage to the sewer. Further inlets such as a shower or washing machine can be connected to the drain installed in the concrete slab. Any surface water is drained through the cover and discharged. In the event of backwater, reliable draining still takes place since the pump is switched on in addition against the backwater pressure in the sewer.

Installation example **“The Universal”**

“*The Universal*” is a versatile basement drain with a choice of two 50 mm inlets and one 75 mm inlet to protect individual drains against backwater from the sewer. Cover made of plastic or stainless steel.

Installation example *Drehfix*

The *Drehfix* is a compact basement drain for protecting individual drains against backwater from the sewer. Thanks to its small design height, *Drehfix* fits into the recess of old cast drains. It provides scoring possibilities for two further inlets.

**Professional advantages**

- Vertically adjustable upper section for stepless installation in concrete slabs: Rotatable, tiltable, vertically adjustable
- Installation in waterproof concrete. Gasket set to prevent groundwater infiltration.
- Alternative seal with shallow bed upper section Art. # 48 968.
- Hand-lockable emergency closure
- Tool-free maintenance: Fast and simple cleaning with one-hand quick-release fastener.
- Vertically adjustable upper section for stepless installation in concrete slabs: Rotatable, tiltable, vertically adjustable
- Three lateral inlets
  - Three lateral inlets (2 x Ø 50 and 1 x Ø 75) are attached as standard.
- With twin flap backwater valve and odour trap
- Hand-lockable emergency closure (Visual control without removing the cover).
- Stepless installation with extension section Art. # 38 670.
- Tool-free maintenance: Fast and simple cleaning with one-hand quick-release fastener.
- Height adjustable upper section