**Application**

Manhole biofilters of the KSBF series are the perfect solution for eliminating rising poisonous and annoying odors out of the sewer system. The odourous air from the sewer system has to pass a biofilter material in a corrosion resistant PEHD body before entering the atmosphere. In the filter material the contaminating and poisonous pollutants enter the water films around the filter material and are metabolized by special adapted microorganisms instead of being set free.

The manhole biofilter of the KSBF series can be retrofitted without any problem into manholes of the size DN 600, DN 625 resp. DN 800 and can usually be inserted into the manholes without special tools. The lifetime of the filter material depends on the environmental conditions and differs between 3 and 7 years. After this time the used filter material can be easily exchanged by new filter material. The KSBF is alternatively also available with an activated carbon filling.

**Technical Data and Dimensions**

Materials with media contact: PE, VA, galvanised steel
Biofilter material: biologie bpc BT-50 or AKG3

<table>
<thead>
<tr>
<th>TYPE(*)</th>
<th>weight</th>
<th>manhole-D</th>
<th>H1</th>
<th>H2 **</th>
<th>H3 **</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kg</td>
<td>[mm]</td>
<td>[mm]</td>
<td>[mm]</td>
<td>[mm]</td>
<td></td>
</tr>
<tr>
<td>KSBF-600</td>
<td>14 (10)</td>
<td>560</td>
<td>625</td>
<td>585 (290)</td>
<td>145</td>
</tr>
<tr>
<td>KSBF-625</td>
<td>14 (10)</td>
<td>585</td>
<td>650</td>
<td>585 (290)</td>
<td>145</td>
</tr>
<tr>
<td>KSBF-800</td>
<td>16 (12)</td>
<td>785</td>
<td>850</td>
<td>585 (290)</td>
<td>145</td>
</tr>
</tbody>
</table>

* also available as a shortened, lighter version
** also available with H2 = 55 mm (short hanger)

special sizes and designs on request

Technical adjustments reserved

**Key**

1. hopper with central tube (PEHD)
2. cross hanger (a=galvanised, b=stainless steel) normal or short version with GullyQUICK - System
3. flexible gasket
4. PEHD-filter body with biofilter material (easy to exchange)
5. flap with counterweight (PEHD) (opens automatically for drain water run-off)

version "a" = Standard / "b" = optional available