1. Introduction

Our housing type AFK 136 is an industrial cartridge filter housing in stainless steel. This model is the largest model in the AFK range, to suit various flow rates. The AFK cartridge housing is an economical solution for all industrial liquid and gas applications conform to PED 97/23/EC category IV.
2. Features

- Cover closing with hinged eye bolts and eye nuts (stainless steel)
- Coverlift assembly
- Fully drainable vessel
- O-ring sealing: standard Buna-N. Other materials on request
- Compact design
- Pickled and passivated
- Suitable for 34 filter cartridges of 40" length
- Available from stock or at short notice

3. Standard specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design pressure</td>
<td>-1 / 12 bar(g)</td>
</tr>
<tr>
<td>Design temperature</td>
<td>-10 / 150 °C</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>depending on the filter media</td>
</tr>
<tr>
<td></td>
<td>and gaskets used</td>
</tr>
<tr>
<td>Design</td>
<td>AD-2000 Regelwerk</td>
</tr>
<tr>
<td>Approval</td>
<td>PED 97/23/EC</td>
</tr>
<tr>
<td>Maximum differential pressure</td>
<td>design: 2.5 bar</td>
</tr>
<tr>
<td></td>
<td>operating: depending on type of filter cartridge</td>
</tr>
</tbody>
</table>

The internal construction is designed to suit:
- Double Open End X0, X4 and X9
- Single Open End X3

For use of DOE cartridges, tube guides and compression springs are supplied for quick and trouble free installation. For filter cartridges with X3 end cap configuration a compression plate is recommended.

4. Models

MAHLE Industrial Filtration can supply this filter in stainless steel with flanged connections.

Other standard filter housings
We also supply other standard filter housings suitable for all industrial liquid and gas applications for various flow rates.
For more information please contact your representative.

Special models to suit customer requirements
Other options of supply and manufacture are non-standard types for higher temperatures, pressures and other materials according to current design codes are available on request.

5. Filter cartridges

MAHLE Industrial Filtration supplies a wide range of filter cartridges in different materials, pore sizes, dimensions and models to fit in our housings as well as those of other manufactures.
For detailed information about filter cartridges, please contact your representative.
7. Dimensions

Height required for changing cartridges is height C plus cartridge length.
Dimensions are for reference only. Use dimensional drawing for installation purposes.
Subject to technical alteration without prior notice.

8. Ordering code

Example

AFK136 4 T 6F

Type
AFK136

Cartridge length
4 = 40"

Material
T = 316Ti (1.4571)

Inlet/outlet
6F = DN150 acc. EN1092/PN16