# DATA SHEET

## KMF SLEEVE FILTER

### GENERAL

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Identification (KKS)</td>
<td>KMF</td>
</tr>
<tr>
<td>2</td>
<td>Size of body</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>KKS (line)</td>
<td>G 1/2&quot;</td>
</tr>
<tr>
<td>4</td>
<td>Design codes</td>
<td>ADW2000-Merkblatt / PED 97/23/EC</td>
</tr>
<tr>
<td>5</td>
<td>Model Identification</td>
<td>KMF</td>
</tr>
<tr>
<td>6</td>
<td>Fluid filtered</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Service</td>
<td></td>
</tr>
</tbody>
</table>

### TYPE OF CONNECTIONS

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>INLET</td>
<td>G 1/2&quot;</td>
</tr>
<tr>
<td>9</td>
<td>OUTLET</td>
<td>G 1/2&quot;</td>
</tr>
<tr>
<td>10</td>
<td>Drain</td>
<td>1/4&quot; N/A</td>
</tr>
<tr>
<td>11</td>
<td>Vent</td>
<td>1/4&quot; N/A</td>
</tr>
<tr>
<td>12</td>
<td>Differential pressure</td>
<td>1/4&quot; N/A</td>
</tr>
</tbody>
</table>

### OPERATING AND DESIGN PARAMETERS

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>Pressure drop</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Pressure</td>
<td>10/16 bar (clamp/bolt)</td>
</tr>
<tr>
<td>15</td>
<td>Temperature</td>
<td>(-10) - (+200 °C) °C</td>
</tr>
<tr>
<td>16</td>
<td>Flow</td>
<td>3 m³/h</td>
</tr>
<tr>
<td>17</td>
<td>Temperature</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Flow</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Pressure drop</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Temperature</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Noise level</td>
<td></td>
</tr>
</tbody>
</table>

### DESIGN CONDITIONS

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>Location of equipment</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Filter element</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Basket area</td>
<td>485 cm²</td>
</tr>
<tr>
<td>26</td>
<td>Grade of filtration</td>
<td>20-10000 µm</td>
</tr>
</tbody>
</table>

### MATERIALS

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>27</td>
<td>Body</td>
<td>EN-GJS-500-7 / GG5-50 / BS 500-7 / ASTM 536 80-55-06 / JIS FCD 500-7</td>
</tr>
<tr>
<td>28</td>
<td>Cover</td>
<td>EN-GJS-500-7 / GG5-50 / BS 500-7 / ASTM 536 80-55-06 / JIS FCD 500-7</td>
</tr>
<tr>
<td>29</td>
<td>Gasket</td>
<td>NBR*</td>
</tr>
<tr>
<td>30</td>
<td>Vent &amp; Drain plug</td>
<td>S316</td>
</tr>
<tr>
<td>31</td>
<td>Studs</td>
<td>Steel, galvanized</td>
</tr>
<tr>
<td>32</td>
<td>Nuts</td>
<td>Steel, galvanized</td>
</tr>
<tr>
<td>33</td>
<td>Screen</td>
<td>S316</td>
</tr>
<tr>
<td>34</td>
<td>Perforated plate</td>
<td>S316</td>
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</tbody>
</table>

### ACCESSORIES

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>35</td>
<td>Pressure drop indicator</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>Magnetic filter insert</td>
<td></td>
</tr>
</tbody>
</table>

### TESTS AND NON DESTRUCTIVE EXAMINATIONS

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>37</td>
<td>Hydrostatic Test</td>
<td>Yes</td>
</tr>
<tr>
<td>38</td>
<td>Visual inspection</td>
<td>Yes</td>
</tr>
<tr>
<td>39</td>
<td>CE Declaration of Conformity</td>
<td>Yes</td>
</tr>
<tr>
<td>40</td>
<td>Information</td>
<td></td>
</tr>
</tbody>
</table>

### COATING

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>41</td>
<td>Internal</td>
<td>Anti-corrosion primer</td>
</tr>
<tr>
<td>42</td>
<td>External</td>
<td>Epoxy paint RAL 5010 blue</td>
</tr>
</tbody>
</table>

### DIMENSIONS AND WEIGHT

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>43</td>
<td>Dimensionen</td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>A</td>
<td>208,0 mm</td>
</tr>
<tr>
<td>45</td>
<td>B</td>
<td>330,0 mm</td>
</tr>
<tr>
<td>46</td>
<td>C</td>
<td>308,0 mm</td>
</tr>
<tr>
<td>47</td>
<td>D</td>
<td>384,0 mm</td>
</tr>
<tr>
<td>48</td>
<td>E</td>
<td>127,0 mm</td>
</tr>
<tr>
<td>49</td>
<td>Weight</td>
<td>8,0 kg</td>
</tr>
</tbody>
</table>

### REMARKS

* Standard is NBR with a range of temperature from (-10) to (+100) °C; FKM with (-10) to (+200) °C on request.