Longwall Shield
Replacement Element

Replacement for 4UC-3060-040 element

Schroeder Part Number: MSB-3060-340B (40μ)

Technical Specifications

<table>
<thead>
<tr>
<th>Micron Rating:</th>
<th>40 micron</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Pressure:</td>
<td>4,500 psi / 310 bar</td>
</tr>
<tr>
<td>Max. Differential Pressure:</td>
<td>4,500 psid / 310 bar</td>
</tr>
<tr>
<td>Crush Rating:</td>
<td>&gt;4,500 psid</td>
</tr>
<tr>
<td>Material:</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>O-Ring:</td>
<td>Buna N</td>
</tr>
<tr>
<td>Flow Rating:</td>
<td>Up to 60 gpm</td>
</tr>
<tr>
<td>Filter Rating:</td>
<td>40 micron</td>
</tr>
</tbody>
</table>

*contact factory for additional filter ratings

Advantages

• Low Pressure Drop
  Better media construction results in lower pressure drop across element, promoting a longer element life.

• Proven Schroeder Quality
  Schroeder has been providing contamination solutions to the mining industry for over 60 years.

• Factory & Field Support
  Dedicated specifically to the mining industry.
Longwall Shield
Replacement Element

Schroeder Part Number: MSB-1298-280B (80μ)

Replacement for 4UC-1298-002 element

Technical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Pressure:</td>
<td>6,000 psi / 400 bar</td>
</tr>
<tr>
<td>Max Differential Pressure:</td>
<td>6,000 psid / 400 bar</td>
</tr>
<tr>
<td>Crush Rating:</td>
<td>&gt;6,000 psid</td>
</tr>
<tr>
<td>Material: End Caps, Support Tubes</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>Material: Metal Mesh</td>
<td>Stainless Steel Wrap</td>
</tr>
<tr>
<td>O-Ring:</td>
<td>Buna N</td>
</tr>
<tr>
<td>Back-up Ring:</td>
<td>Nylon</td>
</tr>
<tr>
<td>Flow Rating:</td>
<td>see graph</td>
</tr>
<tr>
<td>Filter Rating:</td>
<td>80 micron</td>
</tr>
</tbody>
</table>

*contact factory for additional filter ratings

Advantages

- **Low pressure drop**
  Better media construction results in lower pressure drop across element, promoting a longer element life.

- **Proven Schroeder quality**
  Schroeder has been providing contamination solutions to the mining industry for over 60 years.

- **Factory & field support**
  Dedicated specifically to the mining industry.
Longwall Shield
Replacement Element

Schroeder Part Number: MSB-05841-340B (40μ)

Replacement for FA24093 element

**Technical Specifications**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Pressure:</td>
<td>6,000 psi / 400 bar</td>
</tr>
<tr>
<td>Max. Differential Pressure:</td>
<td>6,000 psid / 400 bar</td>
</tr>
<tr>
<td>Crush Rating:</td>
<td>&gt;6,000 psid</td>
</tr>
<tr>
<td>Material:</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>End Caps, Support Tubes, Metal Mesh</td>
<td></td>
</tr>
<tr>
<td>O-Ring:</td>
<td>Buna N</td>
</tr>
<tr>
<td>Flow Rating:</td>
<td>see graph</td>
</tr>
<tr>
<td>Filter Rating:</td>
<td>40 micron</td>
</tr>
</tbody>
</table>

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**Advantages**

- **Lower pressure drop**
  Better media construction results in lower pressure drop across element, promoting longer life.

- **Proven Schroeder quality**
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- **Factory & field support**
  Dedicated specifically to the mining industry.