VSF cantilever sump pump

The VSF pump range has been specifically designed to handle molten sulfur applications. High-quality materials combined with a highly reliable and efficient design ensure longer mean time between maintenance and minimized total cost of ownership.

Design
• Open or vortex impellers
• No sealing required
• No intermediate bearing
• Steam jacket column and discharge pipe to maintain optimal required temperature
• Extended length design available
• Reliable worldwide proven design

Applications
Due to its specific design featuring a heating/cooling jacket, the VSF pump range is perfectly suitable for the clean or dirty molten sulfur or constant temperature applications in various industries, such as:
• General industry
• Chemical process industry
• Oil and gas
• Hydrocarbon processing
• Power generation

Materials
• Carbon steel
• Duplex stainless steel
• Other materials available upon request

Operating data

<table>
<thead>
<tr>
<th></th>
<th>50 Hz</th>
<th>60 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacities</td>
<td>up to 300 m³/h</td>
<td>up to 1'300 USgpm</td>
</tr>
<tr>
<td>Heads</td>
<td>up to 160 m</td>
<td>up to 500 ft.</td>
</tr>
<tr>
<td>Pressures</td>
<td>up to 20 bar</td>
<td>up to 290 psi</td>
</tr>
<tr>
<td>Temperatures</td>
<td>up to 180°C</td>
<td>up to 350°F</td>
</tr>
<tr>
<td>Maximum speed of rotation</td>
<td>up to 1’500 rpm</td>
<td>up to 1’800 rpm</td>
</tr>
</tbody>
</table>

Higher capacities and heads available upon request.