### SPECIFICATION SHEET
**PUMP MODEL SLSi4**

**Z.I. Plaine des Isles – 2 Rue des Cailottes F-89000 Auxerre France**

**www.psgdover.com**

Non-contractual document. Mouvex may modify the products described in this document without prior notice.

#### CHARACTERISTICS

<table>
<thead>
<tr>
<th>CHARACTERISTIC</th>
<th>STANDARD</th>
<th>AVAILABLE OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology</td>
<td>Eccentric Disc Mouvex®</td>
<td></td>
</tr>
<tr>
<td>Maximum Flow rate at 1 cSt L/h (GPM)</td>
<td>4500 (19.81)</td>
<td>DN50 DIN 11851</td>
</tr>
<tr>
<td>Displacement per revolution (l/gal)</td>
<td>0.108 (0.029)</td>
<td>DN50 DIN 11864 BF-A Aseptik fl.</td>
</tr>
<tr>
<td>Inlet chamber volume L (gal)</td>
<td>1.54 (0.407)</td>
<td>2” Clamp ASME-BPE</td>
</tr>
<tr>
<td>Outlet chamber volume L (gal)</td>
<td>0.49 (0.129)</td>
<td></td>
</tr>
<tr>
<td>Pump heating</td>
<td>None</td>
<td>Heating jacket</td>
</tr>
<tr>
<td>Shaft sealing</td>
<td>Mouvex Seal less drive with double bellows</td>
<td>Bellows monitoring system ATEX Bellows monitoring system</td>
</tr>
<tr>
<td>Dimensions mm (in.) (With SMS connections)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>499 (19.646)</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>171 (6.732)</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>267 (10.512)</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>228 (8.976)</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>234 (9.213)</td>
<td></td>
</tr>
<tr>
<td>Weight kg (lbs)</td>
<td>49.5 (110)</td>
<td></td>
</tr>
</tbody>
</table>
SPECIFICATION SHEET
PUMP MODEL SLSi4

OPERATING LIMITS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Standard Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum temperature °C (°F)</td>
<td>-15 (5)</td>
</tr>
<tr>
<td>Maximum temperature °C (°F)</td>
<td>Process: 100 (212) Washing/Rinsing/Sterilisation: 121 (250)</td>
</tr>
<tr>
<td>Maximum in-pump dynamic viscosity cSt (SSU)</td>
<td>10000 (46350)</td>
</tr>
<tr>
<td>Maximum differential pressure bar (psi)</td>
<td>10 (145)</td>
</tr>
<tr>
<td>Maximum inlet pressure barg (psig)</td>
<td>1 (14.5)</td>
</tr>
<tr>
<td>Maximum speed rpm</td>
<td>750</td>
</tr>
<tr>
<td>Maximum solid particle size mm (in)</td>
<td>2 (0.079)</td>
</tr>
<tr>
<td>Maximum soft particle size mm (in)</td>
<td>6.5 (0.25)</td>
</tr>
</tbody>
</table>

MATERIALS OF CONSTRUCTION

<table>
<thead>
<tr>
<th>Part No</th>
<th>Part Name</th>
<th>Standard Materials</th>
<th>Available Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>Inlet Tube</td>
<td>316L Stainless Steel</td>
<td></td>
</tr>
<tr>
<td>104</td>
<td>Inlet tube flange</td>
<td>304L Stainless Steel</td>
<td></td>
</tr>
<tr>
<td>201</td>
<td>Cylinder</td>
<td>316L Stainless Steel</td>
<td></td>
</tr>
<tr>
<td>301</td>
<td>Disc</td>
<td>CY5SnBiM (anti galling alloy)</td>
<td></td>
</tr>
<tr>
<td>304</td>
<td>Disc screw</td>
<td>316Ti Stainless Steel (Titanium Alloy)</td>
<td></td>
</tr>
<tr>
<td>401</td>
<td>Outlet Cover</td>
<td>316L Stainless Steel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bolts</td>
<td>304L &amp; 316L Stainless Steel</td>
<td></td>
</tr>
<tr>
<td>596</td>
<td>Transmission Assembly</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bearings</td>
<td>Roller / Needle</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bellows Assembly</td>
<td>316Ti &amp; 316 L Stainless Fabrication</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Housing</td>
<td>Cast iron</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Screws</td>
<td>Stainless steel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Transmission Lubricant</td>
<td>Synthetic oil</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Seal Rings</td>
<td>Fluorocarbon (FKM) O-Rings PTFE Encapsulated O-rings</td>
<td></td>
</tr>
</tbody>
</table>

Wetted surfaces: Ra 0.8 µm / 32 µin.