# SPECIFICATIONS

## Performance

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal capacity</td>
<td>0.34 m³/d/rpm</td>
</tr>
<tr>
<td>Validated capacity</td>
<td>0.32 m³/d/rpm</td>
</tr>
<tr>
<td>Pressure rating</td>
<td>300 bars</td>
</tr>
<tr>
<td>Pressure per cavity</td>
<td>5.9 bars</td>
</tr>
<tr>
<td>Number of engaged cavities</td>
<td>51</td>
</tr>
<tr>
<td>Minimum and maximum speed</td>
<td>50/500 rpm</td>
</tr>
</tbody>
</table>

## Stator Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>End Connection</td>
<td>3&quot;1/2 EUE</td>
</tr>
<tr>
<td>Stator Outside Diameter</td>
<td>96 mm</td>
</tr>
<tr>
<td>Number of elements</td>
<td>4</td>
</tr>
<tr>
<td>Stator length</td>
<td>11.006 m</td>
</tr>
<tr>
<td>Stator weight</td>
<td>260 kg</td>
</tr>
</tbody>
</table>

## Rotor Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>End Connection</td>
<td>1&quot;1/8</td>
</tr>
<tr>
<td>Total length</td>
<td>11.550 m</td>
</tr>
<tr>
<td>Length of helix</td>
<td>11.330 m</td>
</tr>
<tr>
<td>Rotor weight</td>
<td>88 kg</td>
</tr>
<tr>
<td>Rotor major diameter</td>
<td>51.0 mm</td>
</tr>
<tr>
<td>Rotor minor diameter</td>
<td>35.0 mm</td>
</tr>
<tr>
<td>Head diameter</td>
<td>57.0 mm</td>
</tr>
<tr>
<td>Rotor coating type</td>
<td>Chromium</td>
</tr>
<tr>
<td>Rotor coating thickness</td>
<td>Information upon request</td>
</tr>
</tbody>
</table>

## Compatibility guidelines

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum tubing size</td>
<td>2&quot;7/8</td>
</tr>
<tr>
<td>Recommended pup joint</td>
<td>4&quot;</td>
</tr>
<tr>
<td>Minimum casing size</td>
<td>5&quot;1/2</td>
</tr>
</tbody>
</table>

## ISO 15136-1 Compliance

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design grade</td>
<td>V3</td>
</tr>
<tr>
<td>Quality grade</td>
<td>Q3</td>
</tr>
</tbody>
</table>

PCM Moineau™ and PCM Slugger have the same general rotor and stator specifications and same theoretical pump curve.
PERFORMANCE CHART

Test with Oil & Water @ 5 cpo

Flow rate
Power

Shaft Power
(m3/d)
(bpd)

Head
m / feet

Volumetric efficiency

Torque

Flow rate
Power

Shaft Power

Head
m / feet

Volumetric efficiency

Torque

Flow rate
Power

Shaft Power

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Volumetric efficiency

Torque

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Shaft Power

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Volumetric efficiency

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