# SPECIFICATIONS

## Performance

<table>
<thead>
<tr>
<th>Specification</th>
<th>Nominal capacity</th>
<th>Validated capacity</th>
<th>Pressure rating</th>
<th>Pressure per cavity</th>
<th>Number of engaged cavities</th>
<th>Minimum and maximum speed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.34 m³/d/rpm</td>
<td>0.32 m³/d/rpm</td>
<td>150 bars</td>
<td>6.0 bars</td>
<td>25</td>
<td>50/500 rpm</td>
</tr>
<tr>
<td></td>
<td>2.1 bpd/rpm</td>
<td>2.0 bpd/rpm</td>
<td>2200 PSI</td>
<td>90 PSI</td>
<td>Depending on application</td>
<td></td>
</tr>
</tbody>
</table>

## Stator Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>End Connection</th>
<th>Stator Outside Diameter</th>
<th>Number of elements</th>
<th>Stator length</th>
<th>Stator weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3&quot;1/2 EUE</td>
<td>96 mm</td>
<td>2</td>
<td>5.502 m</td>
<td>130 kg</td>
</tr>
</tbody>
</table>

## Rotor Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Total length</th>
<th>Length of helix</th>
<th>Rotor weight</th>
<th>Rotor major diameter</th>
<th>Rotor minor diameter</th>
<th>Head diameter</th>
<th>Rotor coating type</th>
<th>Rotor coating thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6.000 m</td>
<td>5.780 m</td>
<td>46 kg</td>
<td>51.0 mm</td>
<td>35.0 mm</td>
<td>51.0 mm</td>
<td>Chromium</td>
<td>Information upon request</td>
</tr>
</tbody>
</table>

## Compatibility guidelines

- Minimum tubing size: 2"7/8
- Recommended pup joint: 3"1/2
- Minimum casing size: 5"1/2

## ISO 15136-1 Compliance

<table>
<thead>
<tr>
<th>Grade</th>
<th>Design grade</th>
<th>Quality grade</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>V3</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

Head m / feet

Volumetric efficiency

Torque

Shaft Power

Speed (rpm)

Pressure (bars)

Flow rate

Power

Torque

Volumetric efficiency

Head m / feet

Shaft Power

Speed (rpm)

Pressure (bars)

Flow rate

Power

Torque

Volumetric efficiency

Head m / feet

Shaft Power

Speed (rpm)

Pressure (bars)

Flow rate

Power

Torque

Volumetric efficiency

Head m / feet

Shaft Power

Speed (rpm)

Pressure (bars)

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Head m / feet

Shaft Power

Speed (rpm)

Pressure (bars)

Flow rate

Power

Torque

Volumetric efficiency

Head m / feet

Shaft Power

Speed (rpm)

Pressure (bars)