Positive Displacement Helical Rotor Pump - From South Africa

**Model**: B, D Range, Mini Range  
**Capacity (Max.)**: 138 m³/hr, 210 m³/hr  
**Head (Max.)**: 40 bar, 18 bar  
**SUC./DIS. Size**: 40 - 200 mm (PN-16, DIN-Std. or BS4504)  
**Passed Size (Max.)**: 75 A (Soft & Compressible), 19 mm (Hard angular, Random solids)  

**Material**  
- **Casing**: Gray cast iron, 316 Stainless steel  
- **Rotor**: EN8, Tool steel, 316 Stainless steel / HCP*  
- **Stator**: Natural, Nitrile, EPDM, Hypalon, Viton  

**Qualification**: Suitable for liquid pumps. Such as wastewater sludge, sludge in the treatment ponds of viscous Wastewater, etc.  
Use a variety of materials to be suitable for chemicals, acid, alkali, diesel oil, lubricated oil for no leakage application.  
Pump seals include Packed gland seal or Mechanical seal.  
*HCP = Hard Chrome - Plated

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Water pumps, Econometrical price

<table>
<thead>
<tr>
<th>Model</th>
<th>SK, SW, KN, MFV</th>
<th>RN, HS, PB, FG</th>
<th>ST, SN, LE, ME, GST, GSN, GME, SCP</th>
<th>VMF, CNE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Non-clog pump &amp; Mixed flow pump</td>
<td>Multi-stage pump ISO 2858</td>
<td>Split casing pump</td>
<td>Vertical turbine pump</td>
</tr>
<tr>
<td>Capacity (Max.)</td>
<td>8,000 m³/hr</td>
<td>1,500 m³/hr</td>
<td>17,000 m³/hr</td>
<td>25,000 m³/hr</td>
</tr>
<tr>
<td>Head (Max.)</td>
<td>70 m</td>
<td>1,400 m</td>
<td>250 m</td>
<td>450 m</td>
</tr>
<tr>
<td>Temp.(Max.)</td>
<td>50 °C</td>
<td>150 °C</td>
<td>135 °C</td>
<td>105 °C</td>
</tr>
<tr>
<td>Discharge size</td>
<td>50 - 800 mm</td>
<td>25 - 300 mm</td>
<td>50 - 1,200 mm</td>
<td>100 - 1,800 mm</td>
</tr>
</tbody>
</table>

**Material**:  
- Cast iron, Ductile iron, Bronze, Stainless steel  
- Special material (Duplex SS., Cast steel, Ni resist, Alloy steel)  

**Qualification**: Suitable for pumping Raw water, Wastewater that use for agriculture, industries and general application. For chemical liquid such as Seawater, Acid, Alkali, etc., the pump materials can be selected for the application. Pump seals can be selected as Gland packing seal or Mechanical seal. Pumps also can be driven by Engine.