High Pressure Plunger Chemical Pumps

Plunger Metering Pumps

High Pressure Plunger Chemical Pumps JDR Series Plunger Metering Pump Capacity range 92-6050 lph, 8-500 bar. Power: 5.5 kW. JDR motor can be both vertical or horizontal installed.

### Description

Emoclew America plunger metering pump is designed for high pressure and heavy-duty applications. Unlike loss motion pumps with spring, all Emoclew plunger pumps are push and pull design. The plunger makes harmonic motion by the crankshaft.

### Features

- **Flow rate can be adjusted via unique adjusting mechanism from 0-100%**
- **The adjustment can be carried when pump is in operation or at stop**
- **The steady accuracy is ±1% from 30%-100% of the maximum output**
- **Automatic operation is achieved by variable speed drive**
- **Special application for high temperature or low temperature is available with cooling jacket or heating jacket**

### Materials

- **Pump head:** SS304, SS316
- **Pump case:** Cast Iron
- **Plunger:** Ceramic or SS316 coated with ceramic
- **Packing seal:** PTFE and SS316 Ring
- **Valves:** SS304, SS316
- **Valve Ball:** SS304, SS316, Ceramic

### Parameter Table

<table>
<thead>
<tr>
<th>Model</th>
<th>Flow (lph)</th>
<th>50Hz Flow (gph)</th>
<th>SPM</th>
<th>Flow (gph)</th>
<th>60 Hz Flow (lph)</th>
<th>SPM</th>
<th>Pressure (Bar)</th>
<th>Pressure (Psi)</th>
<th>Plunger Dia. (mm)</th>
<th>Stroke Length (mm)</th>
<th>Power kW(HP)</th>
<th>Inlet&amp;Outlet Size</th>
<th>Connection Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>JDR 930/50</td>
<td>92</td>
<td>24</td>
<td>96</td>
<td>29</td>
<td>110</td>
<td>96</td>
<td>500</td>
<td>7250</td>
<td>20</td>
<td>5.5(7.5)</td>
<td>DN15</td>
<td>DN15</td>
<td>WN</td>
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<td>115</td>
<td>46</td>
<td>174</td>
<td>115</td>
<td>320</td>
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<td>DN20</td>
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<td>WN</td>
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<td>DN25</td>
<td>RF</td>
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<td>200</td>
<td>2900</td>
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<td>180</td>
<td>1935</td>
<td>50</td>
<td>5.5(7.5)</td>
<td>DN50</td>
<td>DN50</td>
<td>RF</td>
</tr>
</tbody>
</table>

Emoclew America, as one of the leading such manufacturers and suppliers, is professional in manufacturing high pressure plunger chemical pumps. Don’t hesitate to buy advanced high pressure plunger chemical pumps with our factory. We will do our best to meet your requirement.

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