GGM50/80PLD-E Double-Plunger Hydraulic Grout Pump

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GGM50/80PLD-E Double-Plunger hydraulic Grout Pump

Description:
GGM50/80PLD-E Double-Plunger hydraulic Grout Pump is designed with two low-wear plunger pump. With the features of double acting, ball valves, low pressure surge, variable pressure and flow. Therefore, this pump is suitable for all grouting work, up to 8mm particle size, such as, for the pumping of backfill mortar behind tunnel liners, grouting in soil, earth foundation stabilization, waterproofing, tunnel lining, underwater foundations, bridge decks, deep well casing, slope line grouting, etc.

Feature:
- The Plunger Pump System
  Comparing with the piston pump system, the plunger system does not require any close tolerance parts such as cylinders or precise piston seals, etc. The plunger is sealed by a simple maintenance-free seal;
- Double Plungers and acting;
- Vertical type pump with compact size;
- Hydraulic drive
  Safely releasing pressure when pumping block;
- Ball valve;
- up to 8mm particle size;
- Low wear plunger system;
- Low flow pressure surge system.

Specification:

<table>
<thead>
<tr>
<th>Item</th>
<th>GGM50/80PLD-E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Output</td>
<td>0-80 L/Min</td>
</tr>
<tr>
<td>Rated Pressure</td>
<td>0-50 Bar</td>
</tr>
<tr>
<td>W/C ratio</td>
<td>≥0.5:1</td>
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<tr>
<td>Plunger Dia.</td>
<td>85mm</td>
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<tr>
<td>Stroke</td>
<td>190mm</td>
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<tr>
<td>Inlet Dia.</td>
<td>2”</td>
</tr>
<tr>
<td>Outlet Dia.</td>
<td>BSP1.5”</td>
</tr>
<tr>
<td>Power Unit</td>
<td>11kW</td>
</tr>
<tr>
<td>Transmission</td>
<td>Hydraulic drive</td>
</tr>
<tr>
<td>Max. particle size</td>
<td>8mm</td>
</tr>
<tr>
<td>Chassis</td>
<td>Skid</td>
</tr>
</tbody>
</table>

Note: double cylinders double plunger vertical type pump
Pressure and flow could be adjustable step-less
Variable Flow Valve (Yuken)

Variable Pressure Valve

Hydraulic Oil Temperature Sensor

Hydraulic Oil Lever Sensor
Double-Plunger plus two pulsation damper, even in 5MPa, the flow pressure surge is kept in low.

Hydraulic oil air cooler
Stainless steel frame electric box with water proof button

Hydraulic accumulator
Gaode Equipment Co., Ltd.
Add: No.9, Building 14, Yard No.4, Fengqing Road, Jinshui District, Zhengzhou, Henan China
P.C.: 450000
Tel: +86-371-55951660 Fax: +86-371-63526676
Email: info@gaodetec.com
Web: www.gaodetec.com