### GD-250 WELL SERVICE PUMP

**Specifications**

- **Maximum Input**: 250 BHP (186 kW)
- **Maximum RPM**: 300
- **Stroke Length**: 5” (127 mm)
- **Piston Load**: 50,000 (222,411 N)
- **Pump Weight**: 4,490 lbs. (2,037 kg)
- **Gear Ratio**: Optional 4.64:1

### Plunger Diameter

<table>
<thead>
<tr>
<th>Plunger Diameter</th>
<th>Displacement per Revolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>in.</td>
<td>mm.</td>
</tr>
<tr>
<td>------</td>
<td>-----</td>
</tr>
<tr>
<td>2</td>
<td>51</td>
</tr>
<tr>
<td>2.5</td>
<td>64</td>
</tr>
<tr>
<td>2.75</td>
<td>70</td>
</tr>
<tr>
<td>3</td>
<td>76</td>
</tr>
<tr>
<td>3.5</td>
<td>89</td>
</tr>
<tr>
<td>4</td>
<td>102</td>
</tr>
<tr>
<td>4.5</td>
<td>114</td>
</tr>
<tr>
<td>5</td>
<td>127</td>
</tr>
</tbody>
</table>

### Displacement at Pump RPM – Intermittent Service

<table>
<thead>
<tr>
<th></th>
<th>50</th>
<th>100</th>
<th>200</th>
<th>300</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPM m³/hr PSI bar</td>
<td>GPM m³/hr PSI bar</td>
<td>GPM m³/hr PSI bar</td>
<td>GPM m³/hr PSI bar</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Ratings are based on 90% mechanical efficiency and 100% volumetric efficiency.
GD-250 Well Service Pump

STANDARD FEATURES

- Eccentric construction with left or right side keyed shaft extension
- Bronze connecting rod and crosshead pin bearings
- High strength cast solid connecting rods
- Pressure lubricated power end (via external oil pump – not supplied)
- Well stimulation style, high strength, heat treated alloy steel fluid end with gun-sight suction valve spring retainer
- Through stud fluid end design for maintenance and removal ease
- WECO type discharge flanges
- Wing guided, urethane insert valves with full open hardened seats
- Left or right side suction and discharge connections
- Plunger and packing construction
- Clamp style connections between plunger and crosshead extension rod
- Four inch suction manifold with victaulic connections

OPTIONAL FEATURES

- DNV, ABS, PED or other third party certifications
- Splined drive shaft
- In line planetary gearbox, 4.64:1 ratio
- Flange for gear reducer
- Dual discharge flanges
- Various plunger packing styles
- Additional center gauge connection
- Custom packaging available

SPECIFICATIONS

Drilling & Production Pumps
Gardner Denver Pump Division
1800 Gardner Expressway
Quincy, IL 62305
Phone: 217-222-5400
Fax: 217-223-1581

Drilling & Production Aftermarket
Gardner Denver Pump Division
2200 South Prospect
Oklahoma City, OK 73129
Phone: 405-677-5736
Fax: 405-677-5807

Well Service Pumps
Gardner Denver Pump Division
4747 South 83rd East Avenue
Tulsa, OK 74145
Phone: 918-664-1151
Fax: 918-447-6487

Fort Worth Service Center
Gardner Denver Pump Division
7533 Kathy Lane
Fort Worth, TX 76126
Phone: 817-249-8400
Fax: 817-249-6383

Odessa Service Center
Gardner Denver Pump Division
2121 West 44th Street
Odessa, TX 79764
Phone: 432-366-5433
Fax: 432-363-9940

www.pumpingperfected.com