Gardner Denver TGH heavy-duty well servicing pumps are built for outstanding performance in a rugged environment.

- Eccentric construction
- Right or left-hand drive extension
- Pressure lubrication of power end
- Clamp type connections between plungers and push rods
- Bolted type stuffing boxes
- Non-adjustable type packing
- Suction and discharge on either side
- Total gear ratio: 10:15 to 1 (standard)

### Performance Ratings – Intermittent Service

<table>
<thead>
<tr>
<th>Pump RPM</th>
<th>Input RPM</th>
<th>Piston* Diameter</th>
<th>Displacement per Revolution</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>5 IN</td>
<td>172 MM</td>
</tr>
<tr>
<td>175</td>
<td>1776</td>
<td>357.0</td>
<td>1351</td>
</tr>
<tr>
<td>150</td>
<td>1522</td>
<td>306</td>
<td>1158</td>
</tr>
<tr>
<td>125</td>
<td>1268</td>
<td>255</td>
<td>965</td>
</tr>
<tr>
<td>100</td>
<td>1015</td>
<td>204</td>
<td>772</td>
</tr>
<tr>
<td>75</td>
<td>761</td>
<td>153</td>
<td>579</td>
</tr>
<tr>
<td>50</td>
<td>507</td>
<td>102</td>
<td>386</td>
</tr>
<tr>
<td>34</td>
<td>345</td>
<td>69.4</td>
<td>263</td>
</tr>
</tbody>
</table>

Displacement per Revolution: 2.040 GAL, 7.722 LIT, 1.652 GAL, 6.254 LIT, 1.306 GAL, 3.922 LIT

Based on 85% mechanical efficiency and 100% volumetric efficiency.

*Rear and liner construction available in 2 3/4", 3", 3 1/2" and 4" only.

**The duty cycle of a pump rated for intermittent duty is not to exceed 30 minutes at loads above the maximum established for continuous running followed by an equal period at no load.

Note: Use plungers/packing for acid service or pressures in excess of 4,000 PSI. Pistons/liners are not recommended for these applications.
TGH Triplex Well Servicing Pump

STANDARD FEATURES

- Colmonoy plungers and packing or piston and liner construction
- Hardened forged steel dual stem guided valves with urethane inserts
- Three piece block steel fluid cylinders
- Fabricated suction and discharge openings
- Lubricating oil pump and filter

OPTIONAL FEATURES

- External gear reduction
- Auxillary crosshead lubrication system
- Cast iron suction manifold
- Companion flanges on suction discharge
- Water to oil heat exchanger
- Mechanical lubricator for plunger stuffing box packing
- Suction and discharge surge chambers
- Relief valve
- Fabricated steel skid and motor or engine
- Rod washing system (mounted only on unitized packages)
- Fabricated suction manifold
- Hardened steel plungers

CRANKCASE OIL CAPACITY: 30 gallons (114 liters)
SUCTION OPENING: 6” (152 mm) 150# welding flange
DISCHARGE CONNECTION: 2 9/16” (66 mm) weld neck API 10,000# PSI beveled for welding either side

LENGTH: 93.2” (230mm)
HEIGHT: 51.5” (1310mm)
WEIGHT: Dry, less optional skid: 9,360 lbs (4,246 kg)

SPECIFICATIONS

Note: All installations must contain a pressure relief valve in the discharge line near the pump.

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