Based on Blackmer’s industry standard LGLD2 transfer pump, the LGLH2 has the muscle to handle the toughest jobs. Whether pumping from a bobtail to the top of an 8-story building or feeding a vaporizer in the middle of winter – the LGLH2 can do it.

**Applications**

- High differential pressure bobtail delivery trucks
- High capacity LPG fueling
- Aerosol filling
- Vaporizer feed
- Other high differential pressure liquefied gas applications
- U.L. listed for use on propane, butane, and propane/butane mixes

**Features**

- Designed for high differential pressure of 165 psi (11.4 bar)
- Sliding vane, positive displacement design for consistent performance
- Dimensionally interchangeable with the LGLD2
- Up to 980 rpm operation
- Cavitation suppression liner
- Replaceable liner and discs
- Ductile iron construction
- Flanged inlet and outlet connections
- Factory ISO-9001 certified
**LGLH2**

**High Pressure LPG Pump**

---

**Performance**

<table>
<thead>
<tr>
<th>Performance at 145 psid (10 bar) Differential Pressure</th>
<th>Maximum Differential Pressure</th>
<th>Relief Valve Setting</th>
<th>Maximum Working Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>780 rpm</td>
<td>640 rpm</td>
<td>520 rpm</td>
<td>780 rpm</td>
</tr>
<tr>
<td>61 gpm / 11.7 hp</td>
<td>47 gpm / 9.2 hp</td>
<td>32.6 gpm / 7.1 hp</td>
<td>165 psi</td>
</tr>
<tr>
<td>231 L/min / 8.7 kW</td>
<td>178 L/min / 6.9 kW</td>
<td>123 L/min / 5.3 kW</td>
<td>11.4 bar</td>
</tr>
</tbody>
</table>

**Dimensions**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1¼ in.</td>
<td>¼ in.</td>
<td>4 in.</td>
<td>8 in.</td>
<td>8⅞ in.</td>
<td>10 in.</td>
<td>5½ in.</td>
<td>4⅛ in.</td>
<td>85 lb.</td>
</tr>
<tr>
<td>–</td>
<td>–</td>
<td>101.6 mm</td>
<td>203.2 mm</td>
<td>227 mm</td>
<td>254 mm</td>
<td>139.7 mm</td>
<td>106.4 mm</td>
<td>39 kg</td>
</tr>
</tbody>
</table>

**BV Bypass Valves**

U.L. listed BV1.25” and BV1.5” bypass valves with 165 psi (11.4 bar) setting are available for use with the LGLH2.

**VB Drive Style**

**V-Belt Drive**

Standard base-mounted VB units are available, complete with pump, hubs, sheaves, high-torque V-belts and belt guard, mounted on a common base, ready to accept a standard NEMA motor. All VB units are available with or without motors.

**HR Drive Style**

**Helical Gear Reduction Drive**

Standard base-mounted HR units are available, complete with pump, Blackmer Helical Gear Reducer, mounting brackets, couplings and coupling guards, mounted on a common base, ready to accept a standard NEMA motor. All HR units are available with or without motors.

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**Authorized PSG® Partner:**

Blackmer

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591-005_A4 02/20