3" and 4.25" Grease Pumps – Specifications

### 50:1 3" Grease Pump Specifications / Performance Testing

<table>
<thead>
<tr>
<th>Specification</th>
<th>3&quot; Grease Pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pumping Ratio</td>
<td>50:1</td>
</tr>
<tr>
<td>Air Pressure</td>
<td>40 - 150 psi</td>
</tr>
<tr>
<td></td>
<td>(2.7 - 10.3 bar)</td>
</tr>
<tr>
<td>Max. Output Pressure</td>
<td>7500 psi</td>
</tr>
<tr>
<td></td>
<td>(517 bar)</td>
</tr>
<tr>
<td>Air Inlet</td>
<td>½ NPTF</td>
</tr>
<tr>
<td>Material Outlet</td>
<td>½ NPTF</td>
</tr>
<tr>
<td>Airmotor Bore Dia.</td>
<td>3 in. (76.2 mm)</td>
</tr>
<tr>
<td>Stroke</td>
<td>3¼ in. (82.5 mm)</td>
</tr>
<tr>
<td>Output Per Cycle</td>
<td>0.78 cu. in. (12.8 cc)</td>
</tr>
<tr>
<td>Wetted Parts</td>
<td>Carbon Steel, Brass, Zinc, Polyurethane, Nitrile</td>
</tr>
<tr>
<td>Free Flow</td>
<td>168 in³/min (2753 cc/min)</td>
</tr>
<tr>
<td>Overall Length (35 Lb.)</td>
<td>27½&quot; (708 mm)</td>
</tr>
<tr>
<td>Overall Length (120 Lb.)</td>
<td>36½&quot; (924 mm)</td>
</tr>
<tr>
<td>Overall Length (400 Lb.)</td>
<td>42½&quot; (1089 mm)</td>
</tr>
</tbody>
</table>

Decibels less than 85 at all normal operating conditions

### 50:1 4.25" Grease Pump Specifications / Performance Testing

<table>
<thead>
<tr>
<th>Specification</th>
<th>4.25&quot; Grease Pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pumping Ratio</td>
<td>50:1</td>
</tr>
<tr>
<td>Air Pressure</td>
<td>40 - 150 psi</td>
</tr>
<tr>
<td></td>
<td>(2.7 - 10.3 bar)</td>
</tr>
<tr>
<td>Max. Output Pressure</td>
<td>7500 psi</td>
</tr>
<tr>
<td></td>
<td>(517 bar)</td>
</tr>
<tr>
<td>Air Inlet</td>
<td>¾ NPTF</td>
</tr>
<tr>
<td>Material Outlet</td>
<td>¾ NPTF</td>
</tr>
<tr>
<td>Airmotor Bore Dia.</td>
<td>4¼ in. (108 mm)</td>
</tr>
<tr>
<td>Stroke</td>
<td>3¾ in. (82.5 mm)</td>
</tr>
<tr>
<td>Output Per Cycle</td>
<td>1.47 cu. in. (24.1 cc)</td>
</tr>
<tr>
<td>Wetted Parts</td>
<td>Carbon Steel, Brass, Zinc, Polyurethane, Nitrile</td>
</tr>
<tr>
<td>Free Flow</td>
<td>220 in³/min (3605 cc/min)</td>
</tr>
<tr>
<td>Overall Length (120 Lb.)</td>
<td>36¾&quot; (926 mm)</td>
</tr>
<tr>
<td>Overall Length (400 Lb.)</td>
<td>42¾&quot; (1091 mm)</td>
</tr>
</tbody>
</table>

Decibels less than 85 at all normal operating conditions
3" Grease Pumps

V350120000
50:1 – 3" 120-lb. Bare Pump

V35040000
50:1 – 3" 400-lb. Bare Pump

V350120DC
50:1 – 3" 120-lb. Stationary Package

Package Includes:
• Bare Pump Model No. V350120000
• 120-lb. Stationary Kit Model No. K050120DC
  – Drum Cover Model No. 85826
  – (2) Hose Connectors
    Model No. 10198
  – Elbow Union
    Model No. 80202
  – 1/4" x 5' Grease Hose
    Model No. 75060
  – 3/8" x 5' Air Hose
    Model No. 273299
  – Follower Model No. 84780
  – Air Coupler/Nipple
    Model No. 5874/5875
3" Grease Pumps

V350400DC
50:1 – 3" 400-lb. Stationary Package

Package Includes:
• Bare Pump Model No. V350400000
• 400-lb. Drum Cover Kit Model No. K050400DC
  - 400-lb. Drum Cover
    Model No. 85827
  - Air Coupler/Nipple
    Model No. 5874/5875
  - 1/4" x 5' Grease Hose
    Model No. 75060
  - (2) Hose Connectors
    Model No. 10198
  - 3/8" x 5' Air Hose
    Model No. 273299
  - Elbow Union
    Model No. 80202

* For heavy greases and/or low temperatures, order follower number 85825 on page 23

V350120HF
50:1 – 3" 120-lb. Inductor Package

Package Includes:
• Bare Pump Model No. V350120000
• Hoist/Follower Kit Model No. 274932

V350400HF
50:1 – 3" 400-lb. Inductor Package

Package Includes:
• Bare Pump Model No. V350400000
• Hoist/Follower Kit Model No. 275260
3" Grease Pumps

**V350120LT**

*50:1 – 3" 120-lb. Lube Truck Package*

Package Includes:
- Bare Pump Model No. V350120000
- 120-lb. Lube Truck Kit Model No. K050120LT
  - 120-lb. Drum Cover with Tie Downs
    Model No. 85829
  - Elbow Union Model No. 80202
  - Air Coupler/Nipple Model No. 5874/5875
  - Lifting Eye Model No. 275415

* For heavy greases and/or low temperatures, order follower number 85825 on page 23

**V350400LT**

*50:1 – 3" 400-lb. Lube Truck Package*

Package Includes:
- Bare Pump Model No. V350400000
- 400-lb. Lube Truck Kit Model No. K050400LT
  - 400-lb. Drum Cover with Tie Rods
    Model No. 83115
  - Elbow Union Model No. 80202
  - Air Coupler/Nipple Model No. 5874/5875
  - Lifting Eye Model No. 275415

* For heavy greases and/or low temperatures, order follower number 85825 on page 23
4.25" Grease Pumps

V4501200000
50:1 – 4.25"
120-lb. Bare Pump

V4504000000
50:1 – 4.25"
400-lb. Bare Pump
4.25" Grease Pumps

**V450120DC**
50:1 – 4.25" 120-lb. Stationary Package

Package Includes:
- Bare Pump Model No. V450120000
- 120-lb. Stationary Kit Model No. K050120DC
  - Drum Cover Model No. 85826
  - (2) Hose Connectors Model No. 10198
  - Elbow Union Model No. 80202
  - 1/4" x 5' Grease Hose Model No. 75060
  - 3/8" x 5' Air Hose Model No. 273299
  - Follower Model No. 84780
  - Air Coupler/Nipple Model No. 5874/5875

**V450400DC**
50:1 – 4.25" 400-lb. Stationary Package

Package Includes:
- Bare Pump Model No. V450400000
- 400-lb Drum Cover Kit Model No. K050400DC
  - 400-lb. Drum Cover Model No. 85827
  - Air Coupler/Nipple Model No. 5874/5875
  - 1/4" x 5' Grease Hose Model No. 75060
  - (2) Hose Connectors Model No. 10198
  - 3/8" x 5' Air Hose Model No. 273299
  - Elbow Union Model No. 80202

**V450400HF**
50:1 – 4.25" 400-lb. Inductor Package

Package Includes:
- Bare Pump Model No. V450400000
- Hoist/Follower Kit Model No. 275260

* For heavy greases and/or low temperatures, order follower number 85825 on page 23
4.25" Grease Pumps

**V450400HR**
50:1 – 4.25" 400-lb. Inductor/Runaway Package

Package Includes:
- Bare Pump
  Model No. V450400000
- Hoist/Follower Kit
  Model No. 275260
- Runaway Control
  Model No. 85840

**V450120LT**
50:1 – 4.25" 120-lb. Lube Truck Package

Package Includes:
- Bare Pump Model No. V450120000
- 120-lb. Lube Truck Kit Model No. K050120LT
  - 120-lb. Drum Cover with Tie Downs
    Model No. 84829
  - Elbow Union
    Model No. 80202
  - Air Coupler/Nipple
    Model No. 5874/5875
  - Lifting Eye
    Model No. 275416

**V450400LT**
50:1 – 4.25" 400-lb. Lube Truck Package

Package Includes:
- Bare Pump
  Model No. V450400000
- 400-lb. Lube Truck Kit
  Model No. K050400LT
  - 400-lb. Drum Cover with Tie Rods
    Model No. 83115
  - Elbow Union
    Model No. 80202
  - Air Coupler/Nipple
    Model No. 5874/5875
  - Lifting Eye
    Model No. 275416

* For heavy greases and/or low temperatures, order follower number 84780 on page 23

* For heavy greases and/or low temperatures, order follower number 85825 on page 23