MOTOR SPEED PRODUCT LINE
SERIES: 4197
STAINLESS STEEL CONSTRUCTION

FEATURES & BENEFITS
• For corrosion resistance over a wider pH range
• Non-galling gear materials standard for handling thin liquid applications
• Compact gear pump series to fit tight space constraints

CAPACITY
to 75 GPM
(17 m³/h)

PRESSURE
to 200 PSI
(14 BAR)

TEMPERATURE
0°F to +350°F
(-20°C to +175°C)

VISCOSITY
28 to 25,000 SSU
(1 to 5,500 cSt)

Sealed anti-friction bearings eliminate the need for relubrication
Behind the rotor seal, so shaft and bearings not exposed to media
Class 150 Flanged ports enable easy in-line mounting to almost any piping system and high working pressure operation
Threaded one-piece bearing housing allows for end clearance adjustment
One-piece casing ensures alignment for maximum bearing and seal life

VIKING PUMP
**PORTING**
- Opposite (180°)
- Flanged (ANSI)

**SEALING**
- Behind the Rotor Seal
- Balanced Seal

**MOUNTING**
- Foot Mount

**DRIVES**
- Direct-Mounted Drive

**TYPICAL APPLICATIONS**
- Compressor Lubrication
- Fuels
- Lube Oils

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A Unit of IDEX Corporation
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Telephone: (319) 266-1741
vikingsumpump.com

**Contact Your Stocking Distributor Today**

**Performance**

<table>
<thead>
<tr>
<th>Foot Mount</th>
<th>Mechanical Seal</th>
<th>Performance</th>
<th>SPECIFICATIONS</th>
<th>Standard Ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>GG4197</td>
<td>Max Speed, RPM</td>
<td>1750</td>
<td>GPM</td>
<td>m³/h</td>
</tr>
<tr>
<td></td>
<td>1750</td>
<td>10</td>
<td>2.3</td>
<td>1 Flange</td>
</tr>
<tr>
<td></td>
<td>1750</td>
<td>20</td>
<td>4.5</td>
<td>1.5 Flange</td>
</tr>
<tr>
<td></td>
<td>1750</td>
<td>30</td>
<td>6.8</td>
<td>1.5 Flange</td>
</tr>
<tr>
<td>AS4197</td>
<td>1150</td>
<td>35</td>
<td>8</td>
<td>3 Flange</td>
</tr>
<tr>
<td>AK4197</td>
<td>1150</td>
<td>50</td>
<td>11</td>
<td>3 Flange</td>
</tr>
<tr>
<td>AL4197</td>
<td>1150</td>
<td>75</td>
<td>17</td>
<td>3 Flange</td>
</tr>
</tbody>
</table>

**Curves**

![Graph showing GPM vs. RPM for various models](image)

**Models**

- **GG4197**
  - Max Speed, RPM: 1750
  - GPM: 10
  - m³/h: 2.3
  - Size, Inches: 1
  - Type: Flange

- **HJ4197**
  - Max Speed, RPM: 1750
  - GPM: 20
  - m³/h: 4.5
  - Size, Inches: 1.5
  - Type: Flange

- **HL4197**
  - Max Speed, RPM: 1750
  - GPM: 30
  - m³/h: 6.8
  - Size, Inches: 1.5
  - Type: Flange

- **AK4197**
  - Max Speed, RPM: 1150
  - GPM: 35
  - m³/h: 8
  - Size, Inches: 3
  - Type: Flange

- **AS4197**
  - Max Speed, RPM: 1150
  - GPM: 50
  - m³/h: 11
  - Size, Inches: 3
  - Type: Flange

- **AL4197**
  - Max Speed, RPM: 1150
  - GPM: 75
  - m³/h: 17
  - Size, Inches: 3
  - Type: Flange

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