ABOUT O-PRO®

Viking Pump® is the leader in internal gear innovation and the latest development is the O-Pro® seal technology. This new series benefits from the enhancement of our own factory engineered and installed seal. This technology features a robust seal and lubrication chamber, all in one.

FEATURES & BENEFITS

- Rugged design provides superior performance in many markets
- Tight clearances offer high efficiency and excellent priming capabilities
- O-Pro® Barrier combines reliable sealing with easy maintenance
- O-Pro® Barrier is standard with FKM elastomers

**RS size is standard with jacketed head, no valve.

** Range may increase with end clearance adjustment

### 1124A SERIES™, 1324A SERIES™
CAST IRON CONSTRUCTION | UNIVERSAL PRODUCT LINE

Threaded one-piece bearing housing allows for easy end clearance adjustment and seal removal

O-Pro® Barrier is a single piece seal that replaces both the bracket bushing and seal

Double row ball or tapered roller bearings for axial thrust control

Internal relief valve standard**, plain head optional

Port sizes, types, and ratings vary by pump size; see table on back

One-piece cast bracket with seal between bearings provides rigid foundation to maximize seal and bearing life

** RS size is standard with jacketed head, no valve.

### CAPACITY

- to 1,500 GPM (340 m³/h)

### PRESSURE

- to 200 PSI (14 BAR)

### VISCOSITY

- 100 to 2,000,000 SSU (20 to 440,000 cSt)

### TEMPERATURE*

- 0°F to +350°F (-15°C to +175°C)

* Range may increase with end clearance adjustment

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PERFORMANCE

**MODELS**

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
<th>Non-Jacketed*</th>
<th>Performance</th>
<th>Standard Ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-Pro™ Barrier Seal</td>
<td>Max Speed, RPM</td>
<td>GPM</td>
<td>m³/h</td>
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<tr>
<td>H1124A</td>
<td>1000</td>
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<tr>
<td>HL1124A</td>
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<td>R1324A</td>
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<tr>
<td>RS1324A</td>
<td>260</td>
<td>1,500</td>
<td>340</td>
</tr>
</tbody>
</table>

*1324A Series™ includes jacketed parts as standard.

PORTING

- Right Angle (90°) (Rotatable Casing), H-Q
- Opposite (180°), QS-RS
- NPT
- Flanged (ANSI)

SEALING

- O-Pro® Barrier Seal

MOUNTING

- Foot Mount

OPTIONS

- Jacketing (1224A Series™)
- Stainless Steel (1127A Series™ and 1327A Series™)

TYPICAL APPLICATIONS

- Adhesives
- Starch
- Polymers
- Resins
- Chocolate
- Refined Fuels
- Edible Oils
- Liquid Sugars
- Refined Fuels
- Edible Oils
- Liquid Sugars

Note: O-Pro® Barrier Seal is patented.

CONTACT YOUR STOCKING DISTRIBUTOR TODAY