UNIVERSAL PRODUCT LINE
SERIES: 227A, 4227A, 327A, 4327A
STAINLESS STEEL CONSTRUCTION

FEATURES & BENEFITS

- All stainless steel construction, for corrosion resistance over a wider pH range
- Non-galling gear materials available for handling thin liquid applications
- Integral jacket chambers in the bracket and head surround the seal and pump internals to maintain a constant temperature, for rapid & efficient heating, or using steam, hot oil or water

CAPACITY

to 1,600 GPM (363 m³/h)

PRESSURE

to 150 PSI (10 BAR)

TEMPERATURE

-120°F to +500°F (-85°C to +260°C)

VISCOSITY

28 to 2,000,000 SSU (0.1 to 440,000 cSt)

Seal chamber accepts packing and a variety of component and cartridge style mechanical and lip seals, in both single and double mechanical seal configurations

Double row ball or tapered roller bearings for axial thrust control

Threaded one-piece bearing housing

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

Jacketing for steam, hot oil, or water circulation to maintain a constant temperature

LS4227A

Large diameter threaded bearing housing allows easy removal of cartridge seals

Multiple port sizes, types, and ratings are available including (Class 150, Class 300)

(Shown with optional raised face flanges)

(Shown with optional relief valve, jacketed head standard)
PERFORMANCE

MODELS  SPECIFICATIONS  CURVES

Jacketed*  Performance  Standard Ports

<table>
<thead>
<tr>
<th>Mechanical Seal</th>
<th>Packing</th>
<th>Max Speed, RPM</th>
<th>GPM</th>
<th>m³/h</th>
<th>Size, Inches</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H4227A</td>
<td>H227A</td>
<td>1150</td>
<td>10</td>
<td>2.3</td>
<td>1.5</td>
<td>Flange</td>
</tr>
<tr>
<td>HL4227A</td>
<td>HL227A</td>
<td>1150</td>
<td>20</td>
<td>4.5</td>
<td>1.5</td>
<td>Flange</td>
</tr>
<tr>
<td>K4227A</td>
<td>K227A</td>
<td>520</td>
<td>50</td>
<td>10</td>
<td>2</td>
<td>Flange</td>
</tr>
<tr>
<td>KK4227A</td>
<td>KK227A</td>
<td>520</td>
<td>65</td>
<td>15</td>
<td>2</td>
<td>Flange</td>
</tr>
<tr>
<td>LQ4227A</td>
<td>LQ227A</td>
<td>420</td>
<td>90</td>
<td>20</td>
<td>2.5</td>
<td>Flange</td>
</tr>
<tr>
<td>LL4227A</td>
<td>LL227A</td>
<td>420</td>
<td>110</td>
<td>25</td>
<td>3</td>
<td>Flange</td>
</tr>
<tr>
<td>LS4227A</td>
<td>LS227A</td>
<td>520</td>
<td>160</td>
<td>36</td>
<td>3</td>
<td>Flange</td>
</tr>
<tr>
<td>LQ427A</td>
<td>LQ227A</td>
<td>350</td>
<td>200</td>
<td>45</td>
<td>4</td>
<td>Flange</td>
</tr>
<tr>
<td>QS4227A</td>
<td>QS227A</td>
<td>300</td>
<td>320</td>
<td>73</td>
<td>6</td>
<td>Flange</td>
</tr>
<tr>
<td>N427A</td>
<td>N227A</td>
<td>350</td>
<td>600</td>
<td>136</td>
<td>6</td>
<td>Flange</td>
</tr>
<tr>
<td>R427A</td>
<td>R327A</td>
<td>280</td>
<td>1,100</td>
<td>250</td>
<td>8</td>
<td>Flange</td>
</tr>
<tr>
<td>RS4327A</td>
<td>RS327A</td>
<td>280</td>
<td>1,600</td>
<td>363</td>
<td>10</td>
<td>Flange</td>
</tr>
</tbody>
</table>

*Series 327A and 432A include jacketed parts as standard.

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

SEALING
- Packing
- Component Mechanical Seal
- Cartridge Mechanical Seal
- Cartridge Triple Lip Seal

MOUNTING
- Foot Mount

LIQUIDS
- Soaps, Detergents & Surfactants
- Acids & Caustics
- Water-based Liquids
- Vegetable Oil
- General Chemicals

VIKING PUMP, INC.
A Unit of IDEX Corporation
406 State Street
Cedar Falls, Iowa 50613 U.S.A.
Telephone: (319) 266-1741
viknpump.com

Contact Your Stocking Distributor Today
Distributed By:

© Copyright 2017 Viking Pump, Inc. All Rights Reserved. Rev1217 | Form No. 1702