FEATURES & BENEFITS

• Conforms fully to API 676 3rd Edition, NO EXCEPTIONS
• API 682 Category 1, 2 or 3 cartridge seals with optional API seal support plans
• Normalized and tempered steel casting construction
• ASME Class 300# RF flanged opposite ports with integral casing and bracket jackets
• Flanged casing drain with vent port for complete liquid removal prior to maintenance
• Non-destructive evaluation and performance testing required by API 676
• Robust design:
  » 3mm corrosion allowance on pressure-containing parts
  » 25,000 hour L-10 life on tapered roller bearings at maximum speed and pressure
  » Easily adjusted end clearance to adjust for wear over time or application changes
  » Machined mounting surfaces within 150 μm/m (0.002 in./ft) in the same plane
  » O-ring seals on casing joints instead of gaskets for maximum sealing effectiveness
• Viking Series 4223AX & 4323AX pumps carry a five year limited warranty

CAPACITY
• to 1,600 GPM (363 m³/h)

PRESSURE
• to 200 PSI (14 BAR)

TEMPERATURE
• -120°F to +800°F (-85°C to +430°C)

VISCOSITY
• 28 to 2,000,000 SSU (0.1 to 440,000 cSt)
### PERFORMANCE

<table>
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<th>MODELS</th>
<th>SPECIFICATIONS</th>
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<tr>
<td>Packing</td>
<td>Max Speed, RPM GPM m³/h</td>
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<tr>
<td>HL4223AX</td>
<td>1750 30 6.8</td>
</tr>
<tr>
<td>KK4223AX</td>
<td>780 100 23</td>
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<td>LS4223AX</td>
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<td>Q4223AX</td>
<td>520 300 68</td>
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<td>G4223AX</td>
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<tr>
<td>N4233AX</td>
<td>350 600 136</td>
</tr>
<tr>
<td>R4323AX</td>
<td>280 1,100 250</td>
</tr>
</tbody>
</table>

### CURVES

GPM vs RPM

- KK
- R
- N
- QS
- Q
- LS

### PORTING
- Opposite (180°)
- Flanged (ASME)

### SEALING
- API 682 Category 1, 2, 3 Cartridge Seal with Seal Plans

### MOUNTING
- Foot Mount

### LIQUIDS
- Crude (Light, Heavy, Sour)
- Fuel Oils
- Petrochemicals
- Solvents
- Polymers
- Waxes
- Basic Chemicals
- Solvents
- Asphalts

### OPTIONS
- Labyrinth Seals
- Hardened Parts for Abrasive Applications
- Traceability
- Positive Material Identification
- Performance Testing
- Long Term Storage
- Paint (Options)
- NDE Testing
- NACE

### DRIVES
- Offset Gear Reducer Drive
- Purchased Gear Reducer Drive
- Direct-Mounted Drive (HL Size)

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