4223AX SERIES™, 4323AX SERIES™
STEEL EXTERNALS CONSTRUCTION | UNIVERSAL PRODUCT LINE

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 & tempered steel casting construction
- ASME Class 300# RF flanged opposite ports with integral casing & bracket jackets
- Flanged casing drain with vent port for complete liquid removal prior to maintenance
- Non-destructive evaluation & 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 & 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 4223AX Series™ & 4323AX Series™ pumps carry a five year limited warranty

CAPACITY
- to 1,600 GPM (363 m³/h)

PRESSURE
- to 200 PSI (14 BAR)

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

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

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

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

**MOUNTING**
- Foot Mount

**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

**TYPICAL APPLICATIONS**
- Crude (Light, Heavy, Sour)
- Fuel Oils
- Petrochemicals
- Solvents
- Polymers
- Waxes
- Basic Chemicals
- Solvents
- Asphalt

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