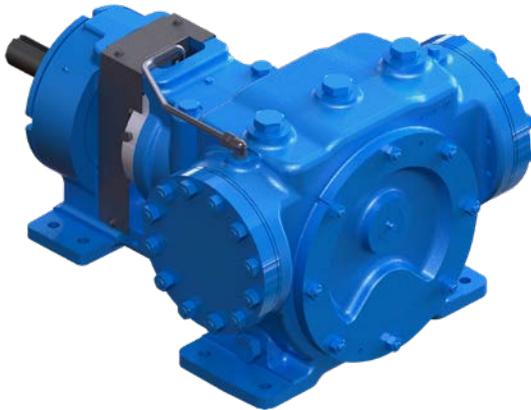




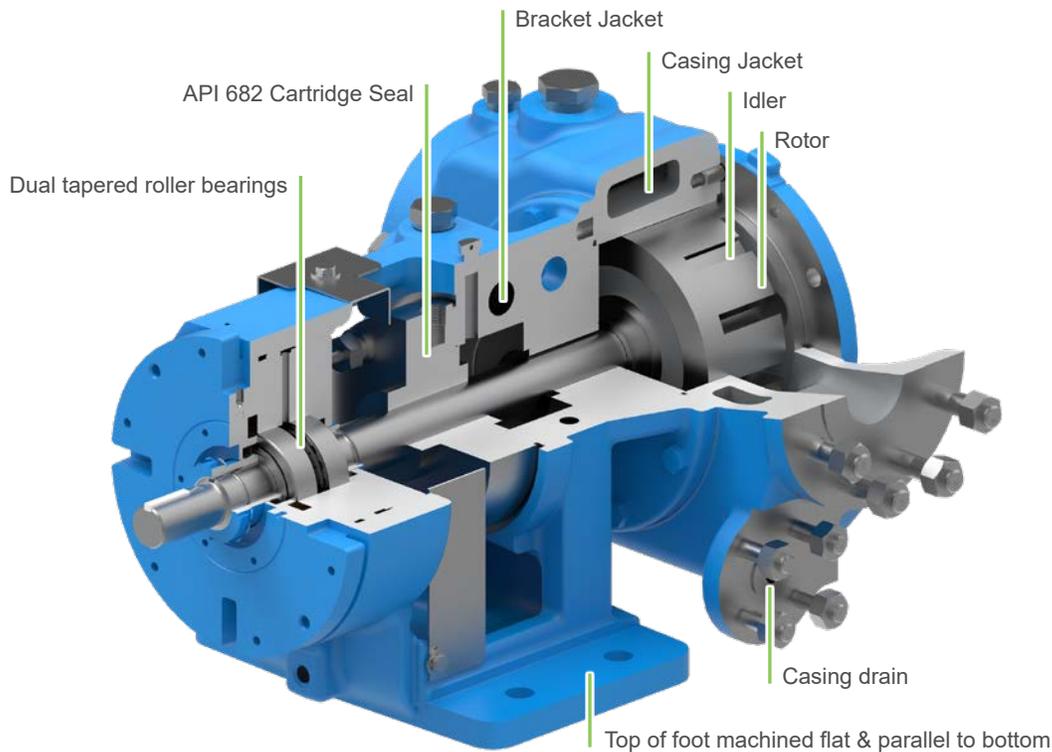
4223AX SERIES™, 4323AX SERIES™

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)

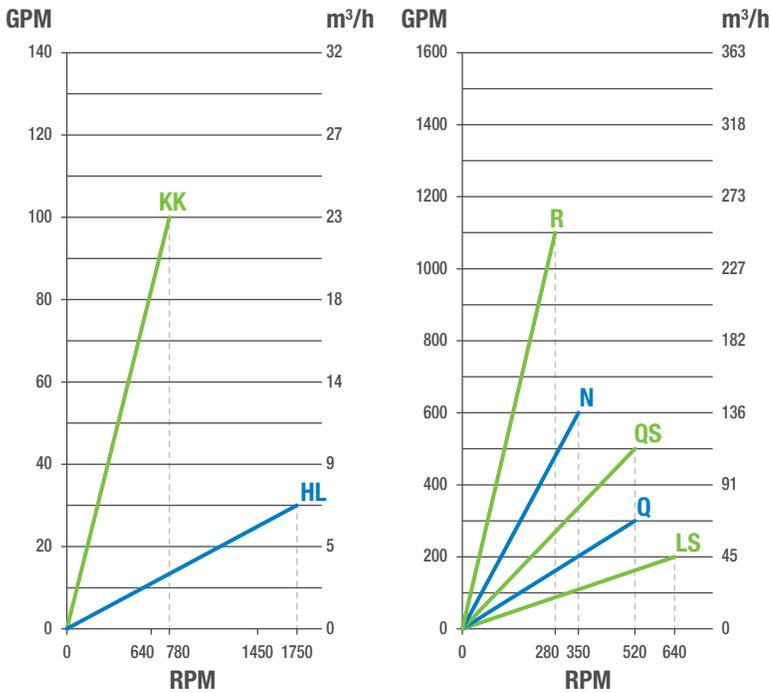


TEMPERATURE
-120°F to +800°F
(-85°C to +430°C)

PERFORMANCE

MODELS	SPECIFICATIONS				
	Jacketed	Performance			Standard Ports
API 682 Seal	Max Speed, RPM	GPM	m ³ /h	Size, Inches	Type
HL4223AX	1750	30	6.8	1.5	Flange
KK4223AX	780	100	23	2	Flange
LS4223AX	640	200	45	3	Flange
Q4223AX	520	300	68	4	Flange
QS4223AX	520	500	114	6	Flange
N4323AX	350	600	136	6	Flange
R4323AX	280	1,100	250	8	Flange

CURVES



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

- (R)** Offset Gear Reducer Drive
- (P)** Purchased Gear Reducer Drive
- (D)** Direct-Mounted Drive, HL Size

TYPICAL APPLICATIONS

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

VIKING PUMP®

VIKING PUMP, INC.
A Unit of IDEX Corporation
406 State Street
Cedar Falls, Iowa 50613 U.S.A.
vikingpump.com

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