



## 227A SERIES™, 4227A SERIES™, 327A SERIES™, 4327A SERIES™

STAINLESS STEEL CONSTRUCTION | UNIVERSAL PRODUCT LINE



(Shown with optional raised face flanges)

### 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

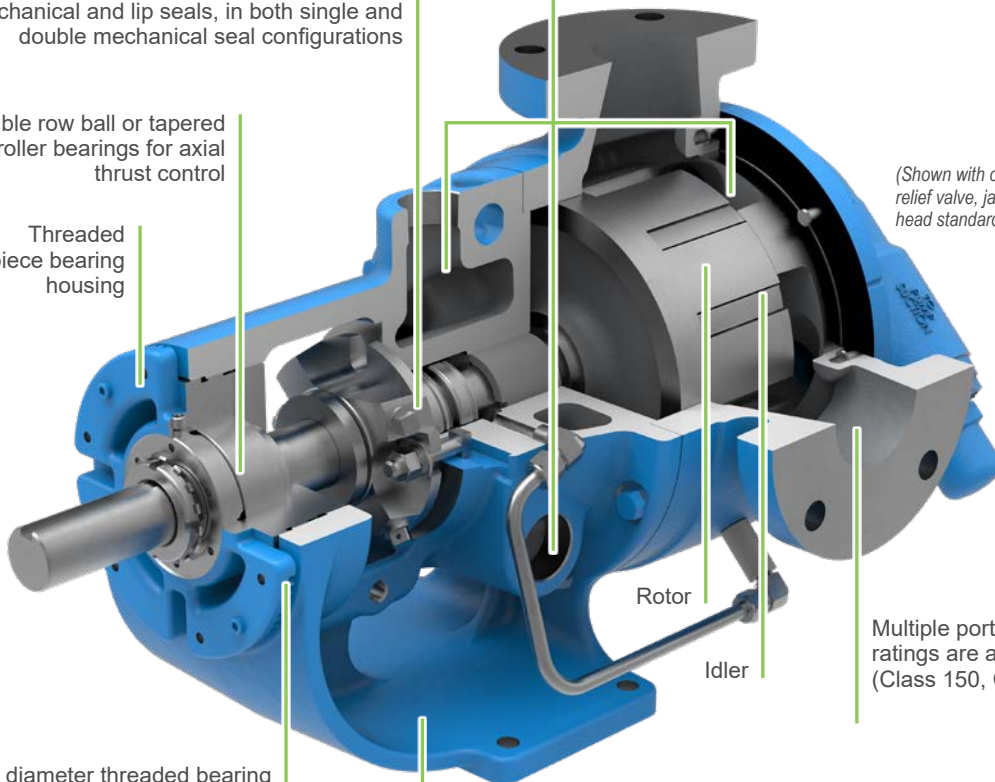
Seal chamber accepts packing and a variety of component and cartridge style mechanical and lip seals, in both single and double mechanical seal configurations

Double row ball or tapered roller bearings for axial thrust control

Threaded one-piece bearing housing

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

(Shown with optional relief valve, jacketed head standard)



Rotor

Idler

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

LS4227A

Large diameter threaded bearing housing allows easy removal of cartridge seals

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



**CAPACITY**  
to 1,600 GPM  
(363 m<sup>3</sup>/h)



**PRESSURE**  
to 150 PSI  
(10 BAR)



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



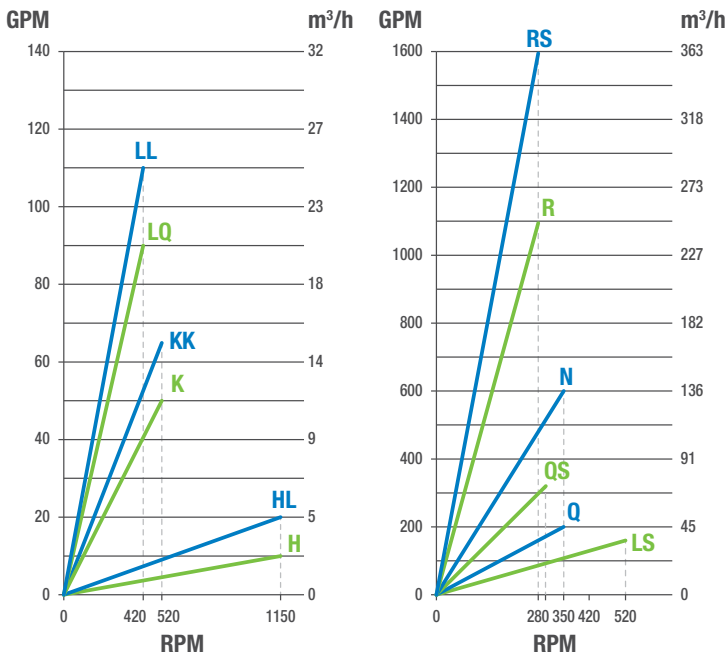
**TEMPERATURE**  
-120°F to +500°F  
(-85°C to +260°C)

## PERFORMANCE

MODELS		SPECIFICATIONS				
Jacketed*		Performance			Standard Ports	
Packing	Mechanical Seal	Max Speed, RPM	GPM	m <sup>3</sup> /h	Size, Inches	Type
H227A	H4227A	1150	10	2.3	1.5	Flange
HL227A	HL4227A	1150	20	4.5	1.5	Flange
K227A	K4227A	520	50	10	2	Flange
KK227A	KK4227A	520	65	15	2	Flange
LQ227A	LQ4227A	420	90	20	2.5	Flange
LL227A	LL4227A	420	110	25	3	Flange
LS227A	LS4227A	520	160	36	3	Flange
Q227A	Q4227A	350	200	45	4	Flange
QS227A	QS4227A	300	320	73	6	Flange
N327A	N4327A	350	600	136	6	Flange
R327A	R4327A	280	1,100	250	8	Flange
RS327A	RS4327A	280	1,600	363	10	Flange

\*327A Series™ and 4327A Series™ include jacketed parts as standard.

## CURVES



## 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

## DRIVES

- Ⓡ Offset Gear Reducer Drive
- Ⓟ Purchased Gear Reducer Drive
- Ⓣ Direct-Mounted Drive, H, HL
- Ⓥ V-Belt Drive

## TYPICAL APPLICATIONS

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

# VIKING PUMP®

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**IDEX**

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