

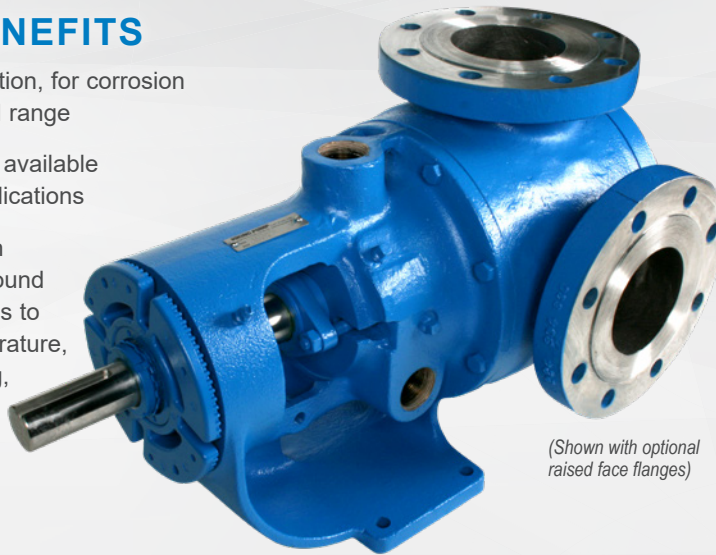
# UNIVERSAL PRODUCT LINE

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



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

LS4227A

Large diameter threaded bearing housing allows easy removal of cartridge seals

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)

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)



### TEMPERATURE

-120°F to +500°F  
(-85°C to +260°C)



### VISCOSITY

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



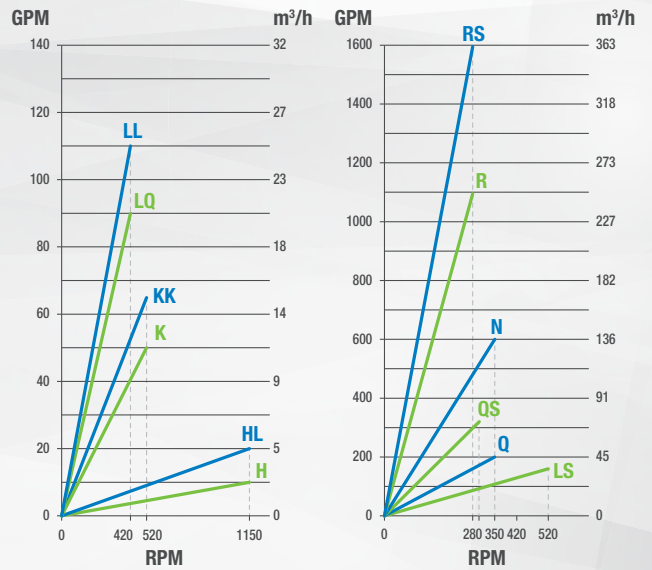
# VIKING PUMP®

# PERFORMANCE

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

\*Series 327A and 4327A 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

## LIQUIDS

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

# VIKING PUMP®

**VIKING PUMP, INC.**  
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