



## 227C SERIES™, 1227C SERIES™, 4227C SERIES™

STAINLESS STEEL CONSTRUCTION | UNIVERSAL PRODUCT LINE



### FEATURES & BENEFITS

- All stainless steel construction for corrosion resistance over a wider pH range
- ProPort™ casing utilizes mounting pads on each port designed to fit a variety of different flange types and sizes, enabling flexibility when connecting pumps to piping
- U-Plus™ bracket, available on H-QS sizes, offers seal location to be in the stuffing box or behind the rotor
- Integral jacketed chambers in bracket and head allow pumps to maintain constant temperature and consistent product flow



**HL227C**  
Shown with  
Opposite Ports

Stainless steel window guards offer protection against moving parts

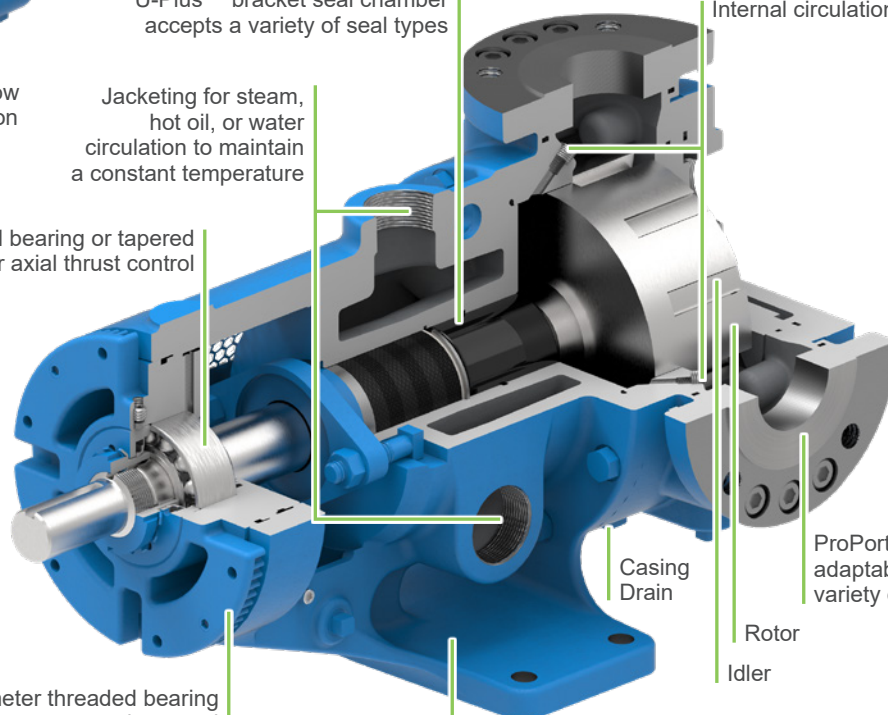
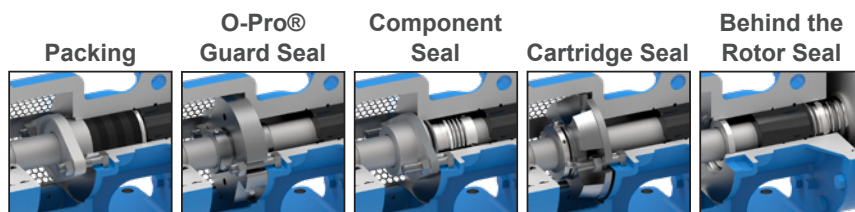
Double row ball bearing or tapered roller bearings for axial thrust control

**KK227C**  
Shown with Packing

Large diameter threaded bearing housing allows easy seal removal

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

U-Plus™ bracket seal chamber accepts a variety of seal types



Internal circulation promotes flow behind the rotor

Casing Drain

Rotor  
Idler

ProPort™ casing offers an adaptable port design with a variety of port sizes and types

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



**CAPACITY**  
to 320 GPM  
(73 m³/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)

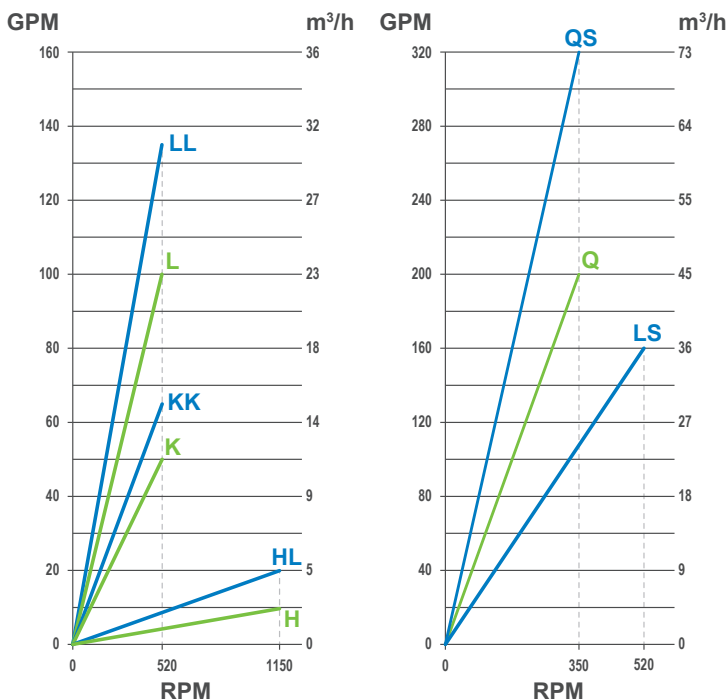
## PERFORMANCE

MODELS			SPECIFICATIONS				
Jacketed			Performance			Standard Ports *	
Packing	O-Pro® Seal	Mechanical Seal	Max Speed, RPM	GPM	m³/h	Size, Inches	Type **
H227C		H4227C	1150	10	1.9	1.5	NPT
	H1227C		760	6	1.4	1.5	NPT
HL227C		HL4227C	1150	20	3.7	1.5	NPT
	HL1227C		760	13	3	1.5	NPT
K227C	K1227C	K4227C	520	50	11	2	Flange
KK227C	KK1227C	KK4227C	520	65	15	2	Flange
L227C	L1227C	L4227C	520	100	23	2.5	Flange
LL227C	LL1227C	LL4227C	520	135	31	3	Flange
LS227C	LS1227C	LS4227C	520	160	36	3	Flange
Q227C	Q1227C	Q4227C	350	200	45	4	Flange
QS227C	QS1227C	QS4227C	350	320	73	6	Flange

\* All sizes available with opposite porting

\*\* To see all port options, refer to Catalog Section 2702

## CURVES



## PORTING

- Right Angle (90°) (Rotatable Casing), H-Q
- Opposite (180°) (Rotatable Casing), QS
- NPT, H & HL
- Flanged (ANSI), K-QS

## SEALING

- Packing
- O-Pro® Seal
- 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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