



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

STAINLESS STEEL CONSTRUCTION | UNIVERSAL PRODUCT LINE



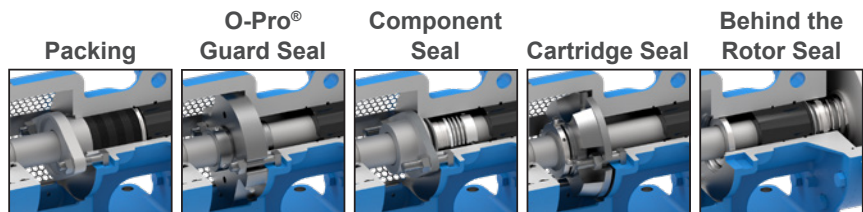
FEATURES & BENEFITS

- 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



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

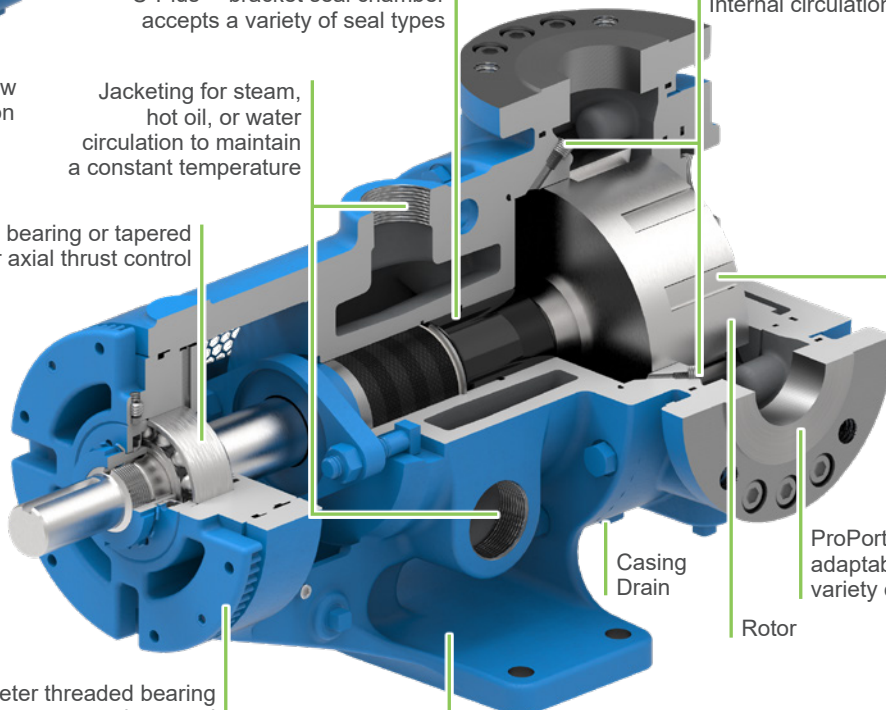
Internal circulation promotes flow behind the rotor

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

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



Idler

Casing Drain

Rotor

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 175 PSI
(12 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)

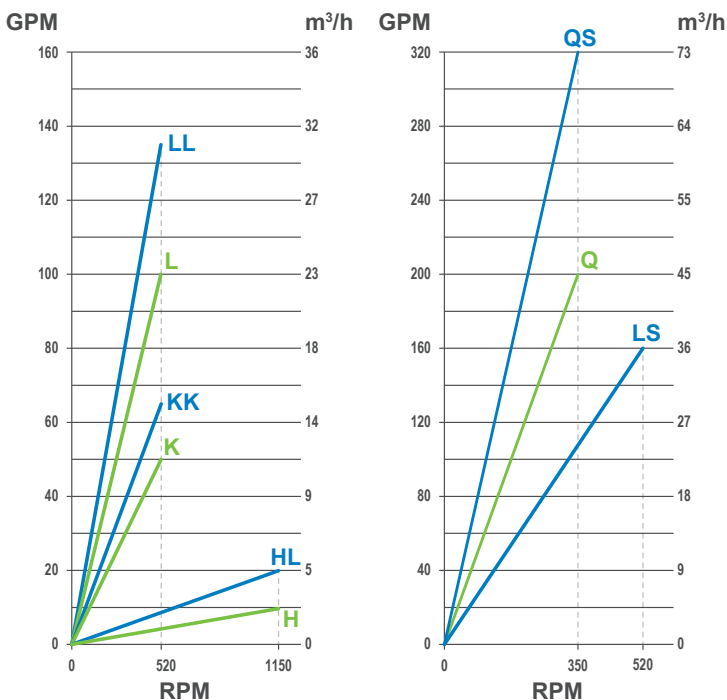
PERFORMANCE

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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