



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

STAINLESS STEEL CONSTRUCTION | UNIVERSAL PRODUCT LINE



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

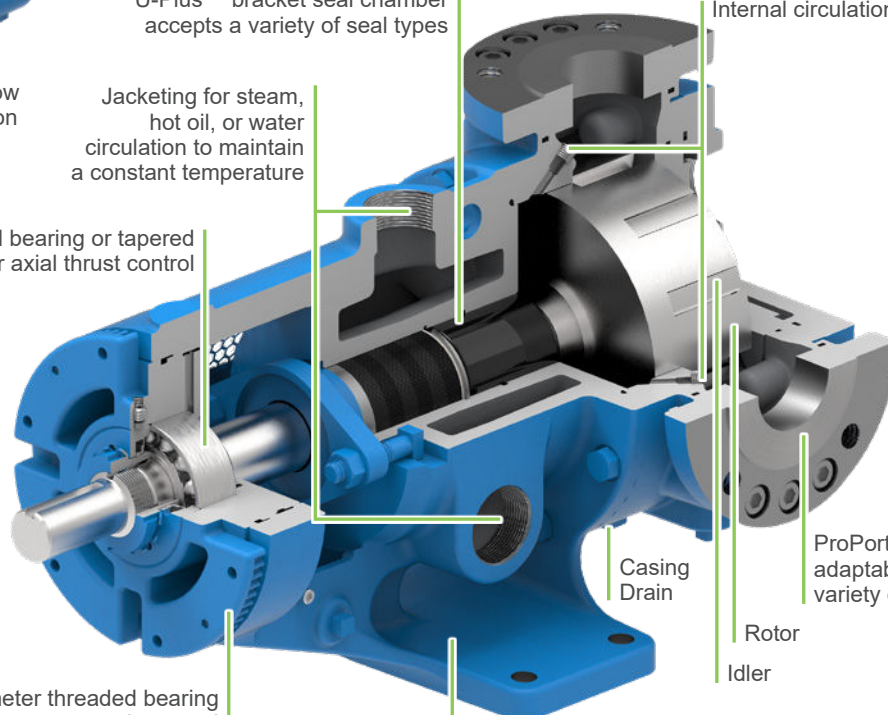
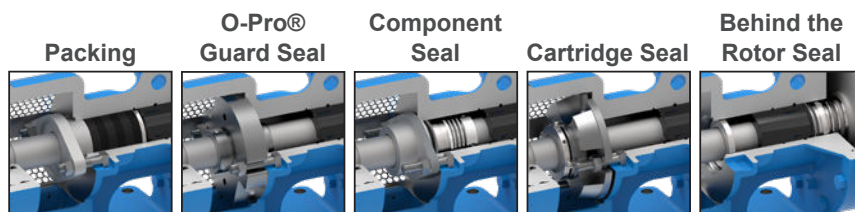
Large diameter threaded bearing
housing allows easy seal removal

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

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

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



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)

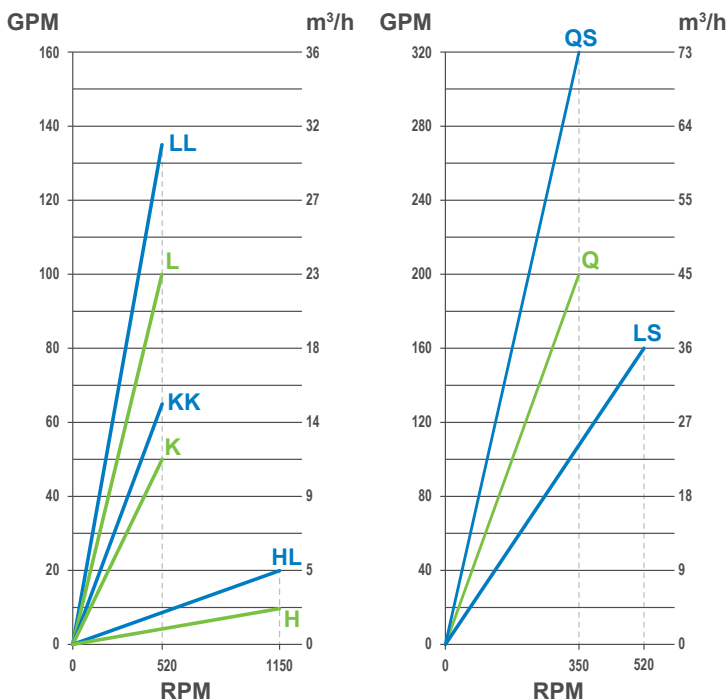
PERFORMANCE

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®

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

CONTACT YOUR STOCKING DISTRIBUTOR TODAY

GLOBAL LEADER IN POSITIVE DISPLACEMENT PUMPING SOLUTIONS: Cedar Falls, Iowa, USA | Windsor, Ontario, Canada | Shannon, Ireland | Eastbourne, United Kingdom

IDEX

© Copyright 2024 Viking Pump, Inc. All Rights Reserved. Rev0324 | Form No. 2702