



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

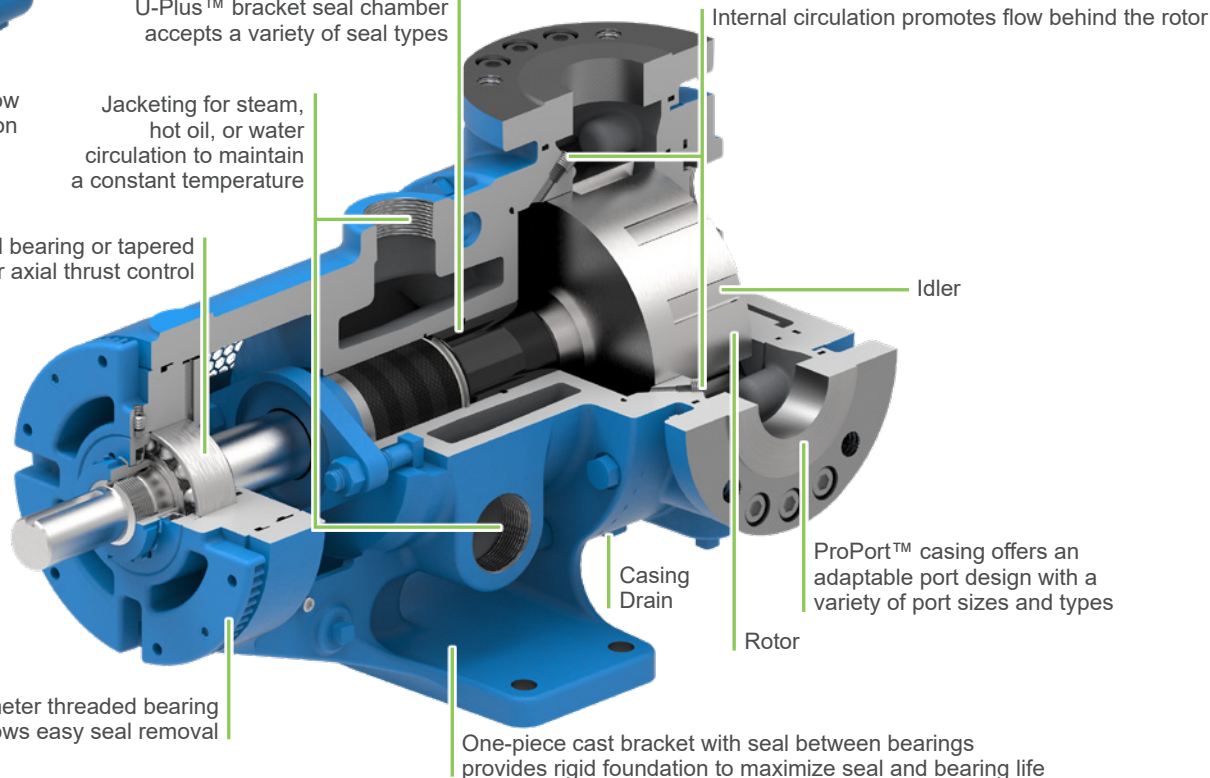
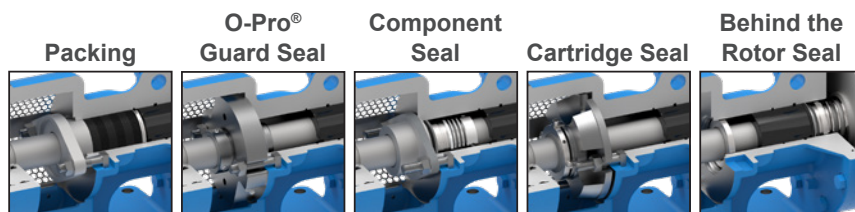
Large diameter threaded bearing
housing allows easy seal removal

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



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)

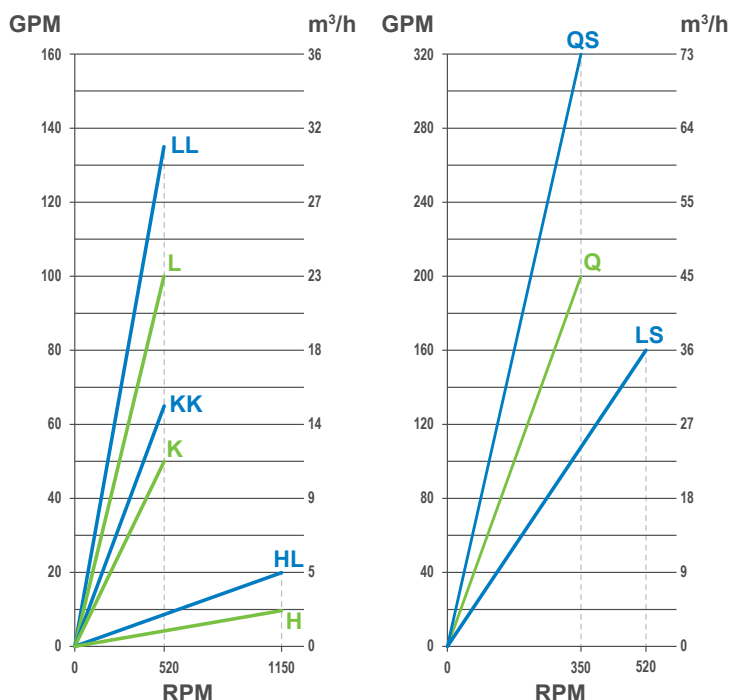
PERFORMANCE

| 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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