



## 1124A SERIES™, 1324A SERIES™

CAST IRON CONSTRUCTION | UNIVERSAL PRODUCT LINE

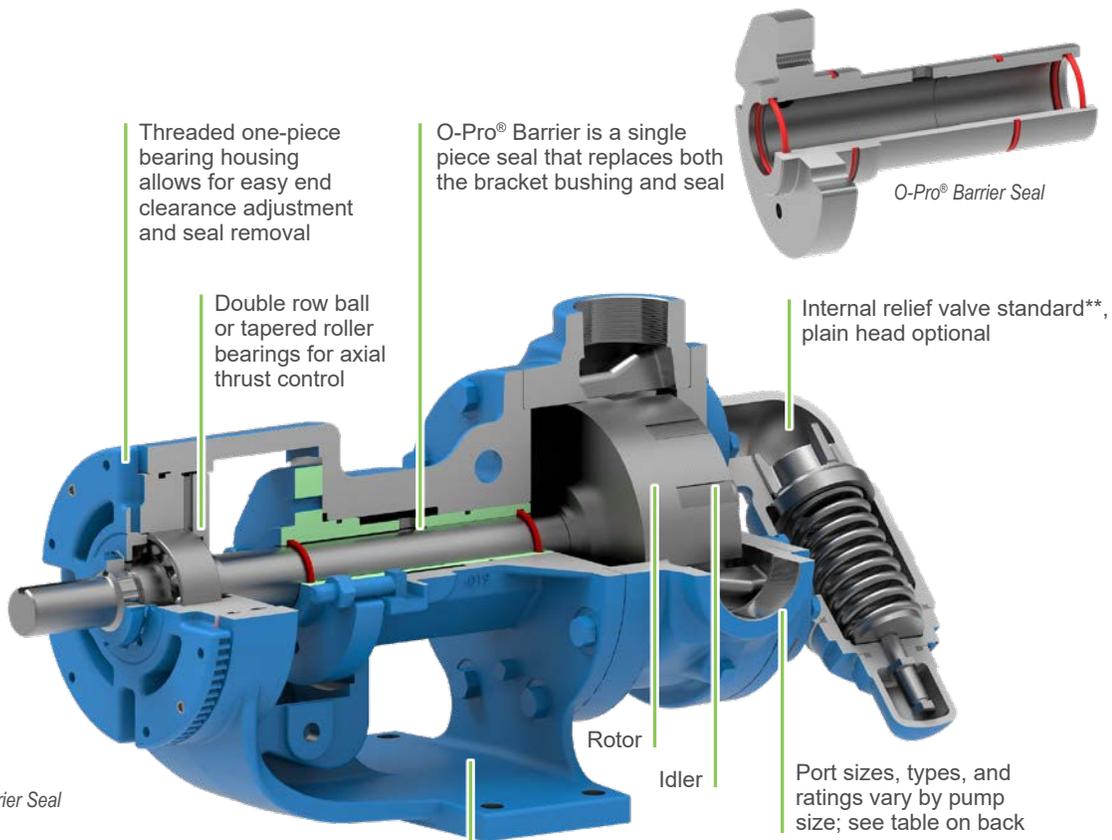


### ABOUT O-PRO®

Viking Pump® is the leader in internal gear innovation and the latest development is the O-Pro® seal technology. This new series benefits from the enhancement of our own factory engineered and installed seal. This technology features a robust seal and lubrication chamber, all in one.

### FEATURES & BENEFITS

- ▮ Rugged design provides superior performance in many markets
- ▮ Tight clearances offer high efficiency and excellent priming capabilities
- ▮ O-Pro® Barrier combines reliable sealing with easy maintenance
- ▮ O-Pro® Barrier is standard with FKM elastomers



**KK1124A**  
Shown with O-Pro® Barrier Seal

\*\* RS size is standard with jacketed head, no valve.

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



**CAPACITY**  
to 1,500 GPM  
(340 m³/h)



**PRESSURE**  
to 200 PSI  
(14 BAR)



**VISCOSITY**  
100 to 2,000,000 SSU  
(20 to 440,000 cSt)



**TEMPERATURE\***  
0°F to +350°F  
(-15°C to +175°C)

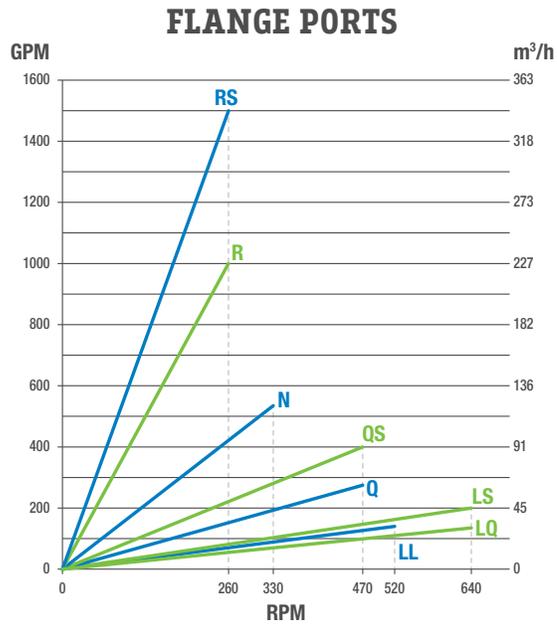
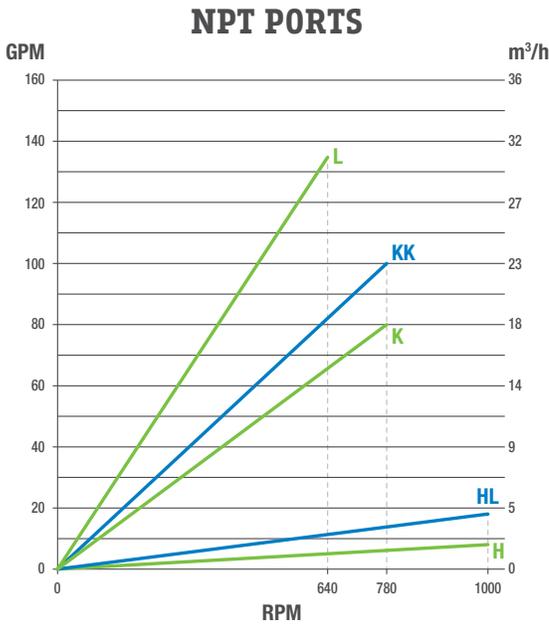
\* Range may increase with end clearance adjustment

# PERFORMANCE

MODELS	SPECIFICATIONS					
Non-Jacketed*	Performance			Standard Ports		
O-Pro™ Barrier Seal	Max Speed, RPM	GPM	m³/h	Size, Inches	Type	Orientation
H1124A	1000	8	1.8	1.5	NPT	Right Angle
HL1124A	1000	18	4	1.5	NPT	Right Angle
K1124A	780	80	18	2	NPT	Right Angle
KK1124A	780	100	23	2	NPT	Right Angle
L1124A	640	135	31	2	NPT	Right Angle
LQ1124A	640	135	31	2.5	Flange	Right Angle
LL1124A	520	140	32	3	Flange	Right Angle
LS1124A	640	200	45	3	Flange	Right Angle
Q1124A	470	275	62	4	Flange	Right Angle
QS1124A	470	400	91	6	Flange	Opposite
N1324A	330	535	122	6	Flange	Opposite
R1324A	260	1,000	227	8	Flange	Opposite
RS1324A	260	1,500	340	10	Flange	Opposite

\*1324A Series™ includes jacketed parts as standard.

# CURVES



Note: O-Pro® Barrier Seal is patented.



**VIKING PUMP, INC.**  
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# PORTING

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

# SEALING

- O-Pro® Barrier Seal

# MOUNTING

- Foot Mount

# OPTIONS

- Jacketing (1224A Series™)
- Stainless Steel (1127A Series™ and 1327A Series™)

# TYPICAL APPLICATIONS

- Adhesives
- Resins
- Refined Fuels
- Starch
- Chocolate
- Edible Oils
- Polymers
- Liquid Sugars