UNIVERSAL PRODUCT LINE

SERIES: 1124A, 1124AE, 1324A

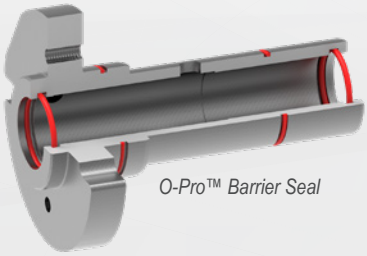
CAST IRON CONSTRUCTION

ABOUT O-PRO™

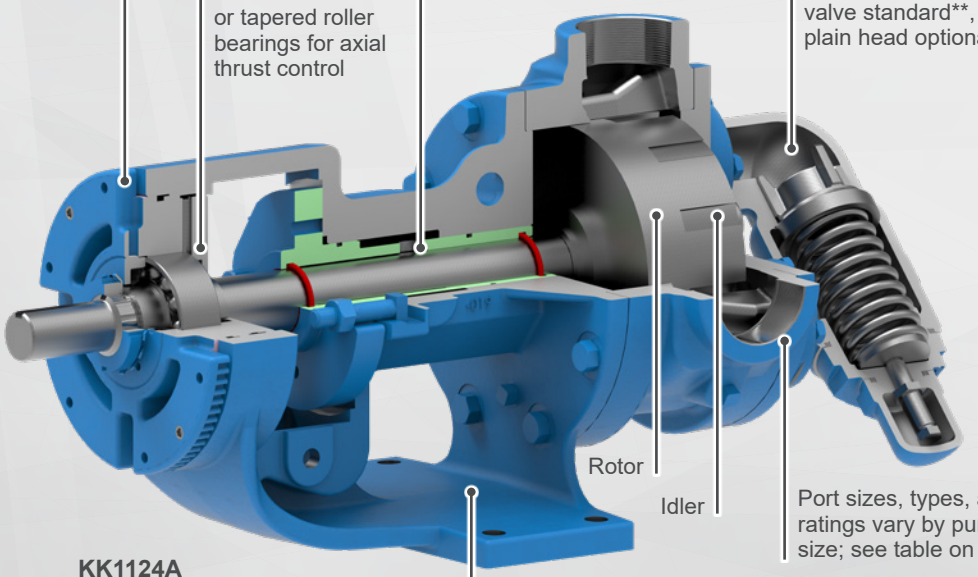
Viking Pump® is the leader in internal gear innovation and the latest development is the O-Pro™ seal technology. This new series benefits from the enhancement of our own factory engineered and installed seal. This technology features a robust seal and lubrication chamber, all in one.

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



O-Pro™ Barrier Seal



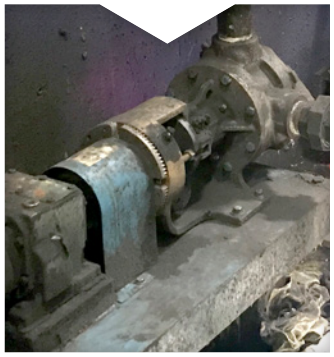
KK1124A
Shown with O-Pro™ Barrier Seal

CAPACITY
to 1,500 GPM
(340 m³/h)

PRESSURE
to 200 PSI
(14 BAR)

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

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



VIKING PUMP®

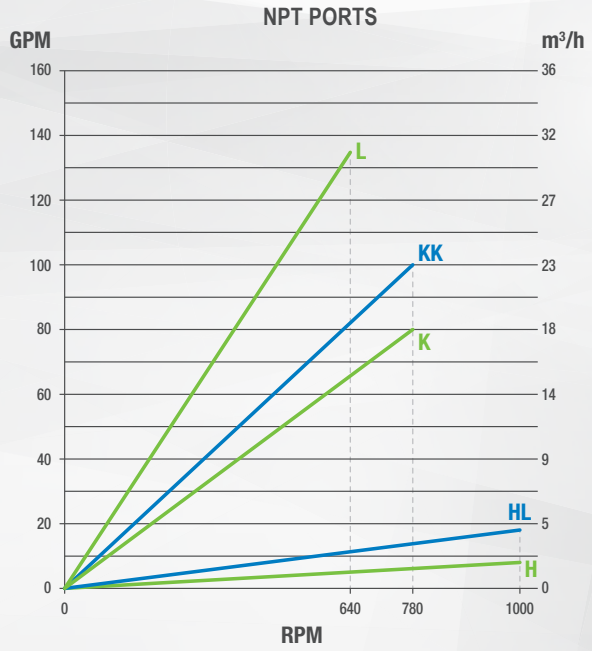
*** RS size is standard with jacketed head, no valve.*

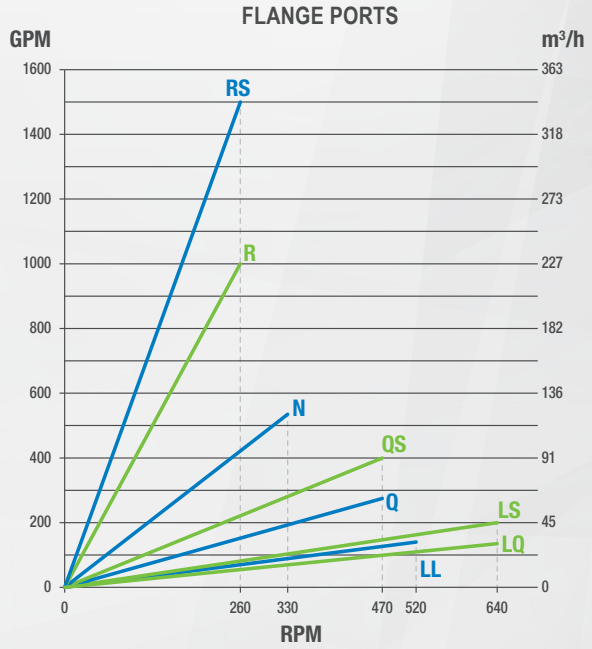
PERFORMANCE

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
L1124AE	640	135	31	2	NPT	Right Angle
LQ1124A	640	135	31	2.5	Flange	Right Angle
LQ1124AE	640	135	31	2.5	Flange	Right Angle
LL1124A	520	140	32	3	Flange	Right Angle
LL1124AE	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

*Series 1324A includes jacketed parts as standard.

CURVES





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

TYPICAL APPLICATIONS

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

VIKING PUMP®

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IDEX

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