VIKING PUMP®

124A SERIES™, 4124A SERIES™, 4124B SERIES™, 324A SERIES™, 4324A SERIES™

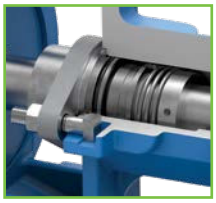
CAST IRON CONSTRUCTION | UNIVERSAL PRODUCT LINE

FEATURES & BENEFITS

- Rugged and reliable, yet economical
- Widest range of sizes and options available to suit almost any non-corrosive application
- Tightest clearances for high efficiency and excellent priming capability

Seal chamber accepts packing and a variety of component and cartridge style mechanical and lip seals, in both single and double mechanical seal configurations; behind the rotor seal (4124B Series™) option also available

Behind the Rotor Seal

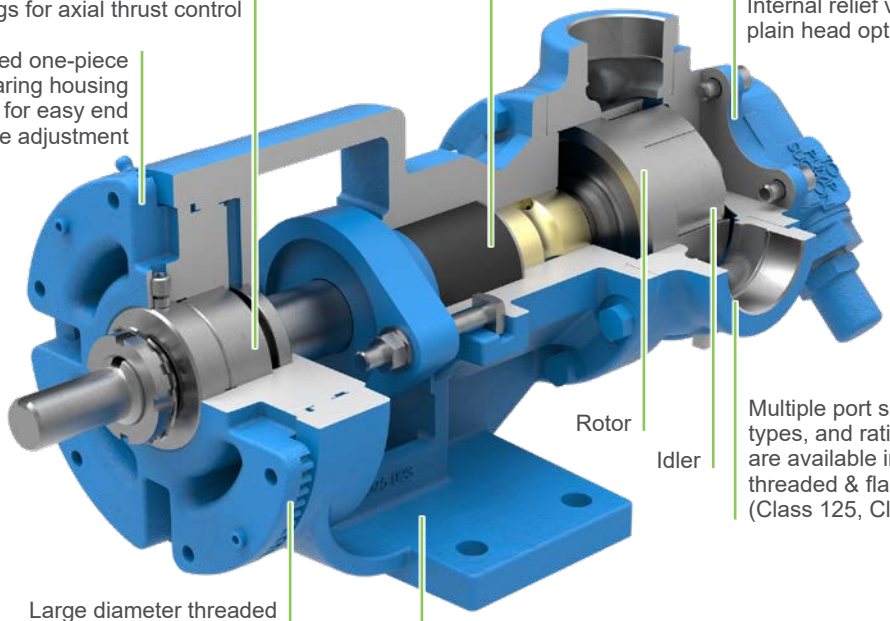

Component Seal

Cartridge Seal

Double row ball or tapered roller bearings for axial thrust control

Threaded one-piece bearing housing allows for easy end clearance adjustment

Internal relief valve standard*, plain head optional



Rotor

Idler

Multiple port sizes, types, and ratings are available including threaded & flanged (Class 125, Class 250)

HL124A
Shown with Packing

Large diameter threaded bearing housing allows easy removal of cartridge seals (not 4124B Series™)

One-piece cast bracket with seal between bearings provides rigid foundation to maximize seal and bearing life (not 4124B Series™)

CAPACITY	PRESSURE	VISCOSITY	TEMPERATURE
to 1,600 GPM (363 m^3/h)	to 200 PSI (14 BAR)	28 to 2,000,000 SSU (0.1 to 440,000 cSt)	-60°F to +650°F (-50°C to +345°C)

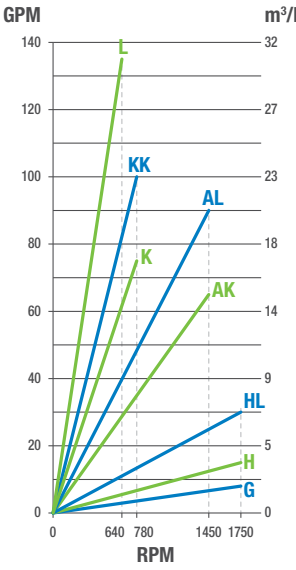
PERFORMANCE

MODELS			SPECIFICATIONS				
Non-Jacketed*			Performance			Standard Ports	
Packed Gland	Mechanical Seal	Behind the Rotor Seal	Max Speed, RPM	GPM	m³/h	Size, Inches	Type
G124A	G4124A	G4124B	1750	8	1.5	1	NPT
H124A	H4124A	H4124B	1750	15	3.5	1.5	NPT
HL124A	HL4124A	HL4124B	1750	30	7	1.5	NPT
AK124A	AK4124A	AK4124B	1450	65	15	2	NPT
AL124A	AL4124A	—	1450	90	20	2	NPT
K124A	K4124A	K4124B	780	80	18	2	NPT
KK124A	KK4124A	KK4124B	780	100	23	2	NPT
L124A	L4124A	L4124B	640	135	31	2	NPT
LQ124A	LQ4124A	LQ4124B	640	135	31	2.5	Flange
LL124A	LL4124A	LL4124B	520	140	32	3	Flange
LS124A	LS4124A	LS4124B	640	200	45	3	Flange
Q124A	Q4124A	Q4124B	520	300	68	4	Flange
QS124A	QS4124A	QS4124B	520	500	114	6	Flange
M124A	M4124A	—	420	420	95	4	Flange
N324A	N4324A	—	350	600	136	6	Flange
R324A	R4324A	—	280	1100	250	8	Flange
RS324A	RS4324A	—	280	1600	363	10	Flange

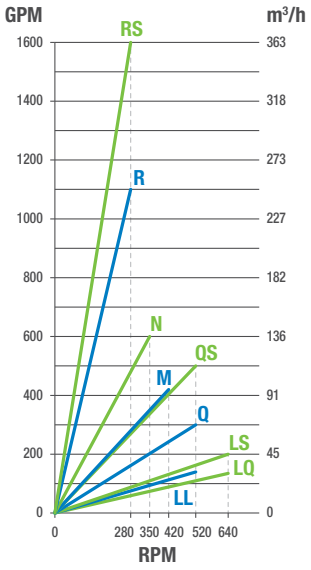
*324A Series™ and 4324A Series™ include jacketed parts as standard.

CURVES

NPT PORTS



FLANGE PORTS



PORTING

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

SEALING

- Packing
- Behind the Rotor Seal
- Component Mechanical Seal
- Cartridge Mechanical Seal
- Cartridge Triple Lip Seal

MOUNTING

- Foot Mount

OPTIONS

- Jacketing (Series 224A, 4224A)
- Ductile Iron (Series 126A, 4126A)

DRIVES

- (R) Offset Gear Reducer Drive
- (P) Purchased Gear Reducer Drive
- (D) Direct-Mounted Drive, H-AL
- (V) V-Belt Drive

HL124A D Drive)

TYPICAL APPLICATIONS

- Adhesives
- Asphalt & Bitumens
- Paints & Inks
- Polymers
- Resins
- Chocolate
- Peanut Butter
- Molasses
- Refined Fuels
- Edible Oils
- Non-Corrosive Chemicals

CONTACT YOUR STOCKING DISTRIBUTOR TODAY

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