



124C SERIES™, 1124C SERIES™, 4124C SERIES™, 124A SERIES™, 4124A SERIES™, 324A SERIES™, 1324A SERIES™, 4324A SERIES™

CAST IRON CONSTRUCTION | UNIVERSAL PRODUCT LINE



FEATURES & BENEFITS

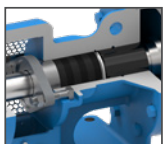
- Rigid and reliable construction handles a broad range of viscosities, while maintaining a constant flow rate
- Broad selection of design and material options
- U-Plus™ bracket accepts an extensive range of sealing options
- Optional ProPort™ casing offers multiple flange types and sizes, providing enhanced flexibility for system integration and piping connections



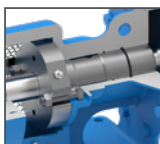
H124C
Shown with
Opposite Ports

Stainless steel window
guards offer protection
against moving parts

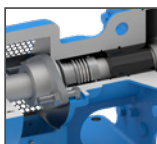
Packing



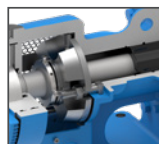
**O-Pro®
Barrier Seal**



**Component
Seal**



Cartridge Seal



**Behind the
Rotor Seal**



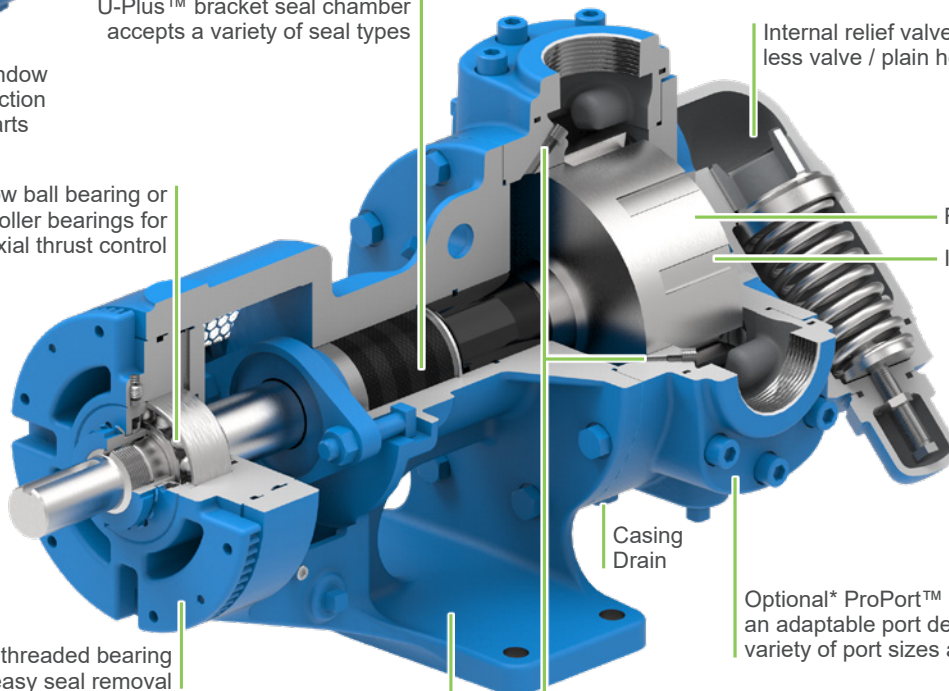
U-Plus™ bracket seal chamber
accepts a variety of seal types

Double row ball bearing or
tapered roller bearings for
axial thrust control

KK124C
Shown with Packing

Large diameter threaded bearing
housing allows easy seal removal

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



Internal relief valve standard;
less valve / plain head optional

Rotor

Idler

Casing
Drain

Optional* ProPort™ casing offers
an adaptable port design with a
variety of port sizes and types

Internal circulation promotes
flow behind the rotor



CAPACITY
to 500 GPM
(114 m³/h)



PRESSURE
to 200 PSI
(14 BAR)



VISCOSITY
28 to 2,000,000 SSU
(0.1 to 440,000 cSt)



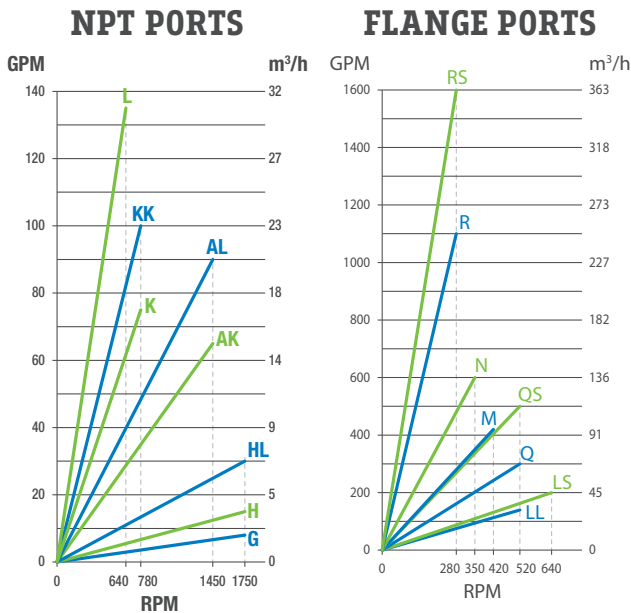
TEMPERATURE
-60°F to +450°F
(-50°C to +230°C)

PERFORMANCE

MODELS			SPECIFICATIONS				
Non-Jacketed*			Performance			Standard Ports	
Packed Gland	O-Pro® Seal	Mechanical Seal	Max Speed, RPM	GPM	m³/h	Size, Inches	Type
G124A	—	G4124A	1750	8	1.5	1	NPT
H124C	H1124C	H4124C	1750	15	3.5	1.5	NPT
HL124C	HL1124C	HL4124C	1750	30	7	1.5	NPT
AK124C	—	AK4124C	1450	65	15	2	NPT
AL124C	—	AL4124C	1450	90	20	2	NPT
K124C	K1124C	K4124C	780	80	18	2	NPT
KK124C	KK1124C	KK4124C	780	100	23	2	NPT
L124C	L1124C	L4124C	640	135	31	2	NPT
LL124C	LL1124C	LL4124C	520	140	32	3	Flange
LS124C	LS1124C	LS4124C	640	200	45	3	Flange
Q124C	Q1124C	Q4124C	520	300	68	4	Flange
QS124C	QS1124C	QS4124C	520	500	114	6	Flange
M124A	—	M4124A	420	420	95	4	Flange
N324A	N1324A	N4324A	350	600	136	6	Flange
R324A	R1324A	R4324A	280	1100	250	8	Flange
RS324A	RS1324A	RS4324A	280	1600	363	10	Flange

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

CURVES



PORTING

- Right Angle (90°) (Rotatable Casing), G-Q & M
- Opposite (180°), QS-RS;
Optional with ProPort™ casing, H-HL & K-Q
- NPT
- Flanged (ANSI)

SEALING

- Packing
- Behind the Rotor Seal
- O-Pro® Barrier Seal
- Component Mechanical Seal
- Cartridge Mechanical Seal
- Cartridge Triple Lip Seal

MOUNTING

- Foot Mount

OPTIONS

- Jacketing (224C Series™, 1224C Series™, 4224C Series™)
- Ductile Iron (126A Series™, 4126A Series™)

DRIVES

- Ⓡ Offset Gear Reducer Drive
- Ⓟ Purchased Gear Reducer Drive
- ⓓ Direct-Mounted Drive, H-AL
- Ⓥ V-Belt Drive

TYPICAL APPLICATIONS

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

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IDEX

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