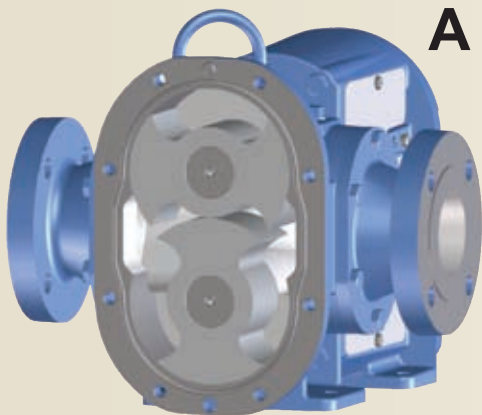
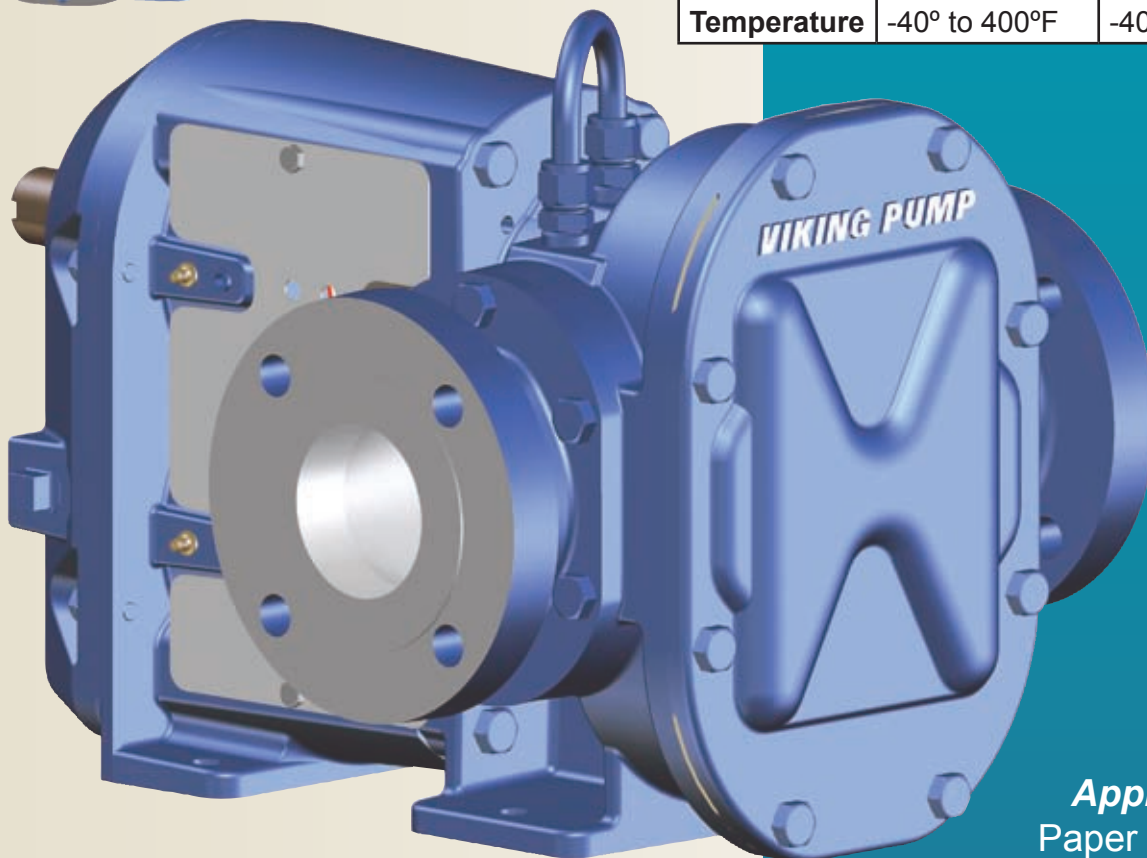


Viking Industrial Lobe Pumps

**A New Series of Rotary Lobe Pumps
Designed Exclusively for
Industrial Applications**



Series Performance Range		
Capacity	to 820 gpm	to 186 m3/hr
Pressure	to 400 PSI	to 27 Bar
Viscosity	2,000,000 SSU	440,000 cSt
Temperature	-40° to 400°F	-40° to 204°C



Specifications by Size							
SIZE	Capacity (at 600 RPM)		Rated Pressure (2 bushing design)		Rated Pressure (4 bushing design)		Std. Ports
	GPM	m3/hr	PSI	Bar	PSI	Bar	Inch
RL 16	105	23.8	250	17	400	27	3
RL 25	160	36.3	175	12	400	27	3
RL 150	820	186	N/A	N/A	400	27	6

Applications
Paper Coatings
Sugars and Starches
Cellulose Acetate
Monomers and Polymers
Resins and Coatings
Automotive Paints
Textile Dyes
Latex
Pet Foods
Chemicals

VIKING PUMP

A Unit of IDEX Corporation

Viking Industrial Lobe Pumps

High Volumetric Efficiency and Solids Handling Capability

is ensured by bi-wing rotor design, with large sealing surfaces to minimize slip and leading edges that scoop solids instead of trapping them.

Enlarged Loading Areas

with 3-side access improves filling and reduces trapping pressure pulsation.

Porting Flexibility -

Bolt-on ports on smaller sizes, plus 3 port sizes on the RL150, with enlarged suction port options, ensure correct sizing for the application.

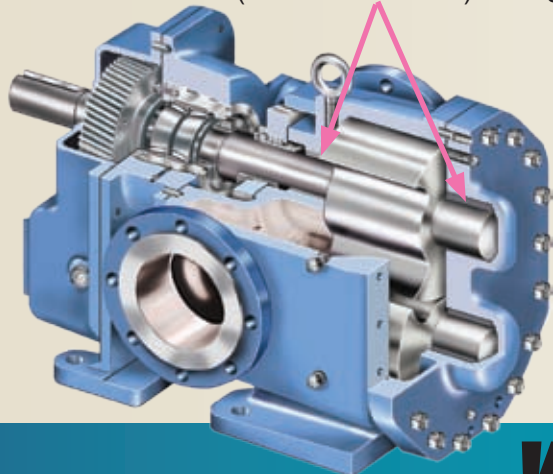
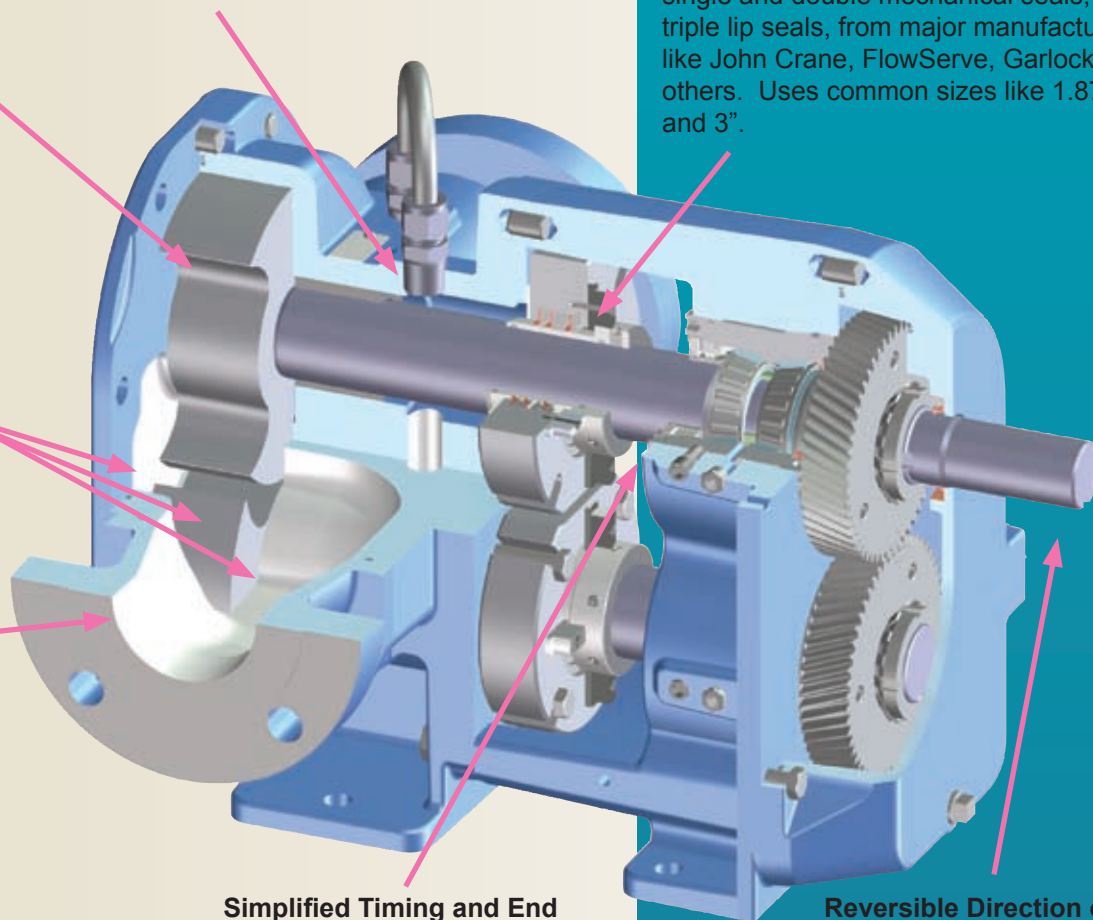
High Pressure, to 400 psi (27 bar), is available with the optional 4-bushing design providing shaft support on both sides of the rotor (RL150 size shown).

Extended Seal Life provided by large suckback tube to vent air from both seal chambers, and by shaft support on both sides of seal.

Sealing Flexibility - accepts packing, single component seals, cartridge-style single and double mechanical seals, and triple lip seals, from major manufacturers like John Crane, FlowServe, Garlock and others. Uses common sizes like 1.875" and 3".

Simplified Timing and End Clearance Adjustment with adjustable rotary bearing housing - no shimming required! Labyrinth seals protect bearings from external environment.

Reversible Direction of Flow allows use for loading and unloading, or for fast and easy cleaning cycles with liquid solvents or steam.



Construction

Component	Standard	Options
Casing & Head	316 Stainless Steel	
Lobes	316 Stainless Steel	
Shafts	17-4 PH Steel	
Bushings	PEEK	Tungsten Carbide
Bearing Housing	Steel	

VIKING PUMP

A Unit of IDEX Corporation

www.vikingpump.com

VIKING PUMP, INC.
406 State Street, P.O. Box 8, Cedar Falls, IA, 50613-0008 USA
Tel. 319/266-1741 FAX 319/273-8157