

# AST 63

## SINGLE CARTRIDGE SEAL FOR VIKING PUMPS

- 124
- 125
- 225
- 4124
- 4125
- AS, AK, AL, J, K, KK, L, LQ, LL



### Field Rebuildable

No more waiting for seal repairs, and no more worries about installing exchange seals that might have previously held hazardous materials, because the AST 63 is easy to rebuild on site using standard tools.

### No Measurement Required

Simply slide the seal onto the shaft, bolt down the gland, tighten set screws, and remove centering blocks.

### No Shaft Fretting

The static O-ring eliminates any grooving or fretting of the shaft.

### Viking Universal Bracket

AST 70 standard cartridge seals fit Viking Universal Bracket Systems.

Use AST Mechanical Seals for the ultimate in sealing simplicity. The AST 63 is designed for a wide range of applications including

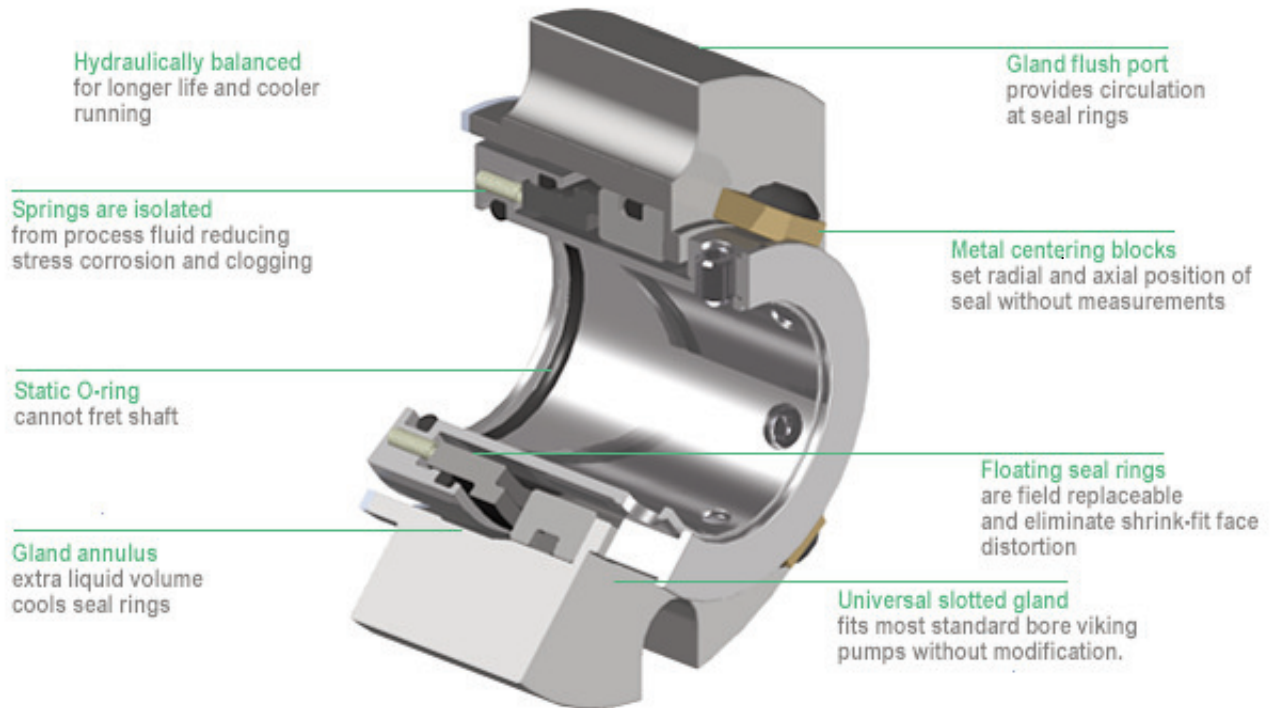
- Food Processing
- Mining Services
- Pulp and Paper
- Corn Processing
- Marine Operations
- Phosphate Production
- Chemical Processing
- Sugar Refining
- Brewing and Distilling
- Pharmaceuticals
- Petroleum Systems
- Power and Energy

ADVANCED SEALING  
TECHNOLOGY

*Reliable Sealing for Rotating Equipment*



# AST 63



## OFF THE SHELF..

AST 63 seals are available off-the-shelf to fit most Viking pumps. AST 70 series seals fit Viking Universal Bracket Systems.

## MATERIALS OF CONSTRUCTION

Metal components:	316 Stainless Steel standard; Alloy 20, Titanium, and Hastelloy C-276 available
Rotating seal ring:	Carbon-Graphite or Graphite-Loaded Sintered Silicon Carbide
Stationary seal ring:	Sintered Silicon Carbide or Tungsten Carbide
Springs:	Hastelloy C-276
O-rings:	Fluoroelastomer, EPDM, Aflas, or Isolast perfluoroelastomer

## OPERATING LIMITS

Pressure:	400 PSIG (28 bar) maximum to 28 in (710 mm) Hg vacuum, depending on shaft size and speed.
Temperature:	To 500°F (260°C), depending on O-ring elastomer limits in fluid sealed