# **VIKING PUMP®**







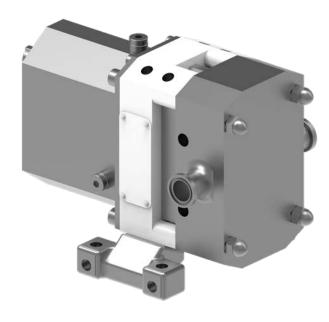
# **STERILOBE® SERIES**

ROTARY LOBE PRODUCT LINE









#### **FEATURES & BENEFITS**

#### **CLEANABILITY**

- I Cover joint profile improves hygienic characteristics & self-draining capabilities
- I Clean & corrosion resistant stainless gear cover & powder coated bearing housing

#### **EASE OF MAINTENANCE**

- I Front loading seals can be changed while the pump is still in-line
- I Seal positioned for optimal lubrication, maximizing seal life
- I Hassle free gearbox maintenance with sealed for life bearings

#### **PERFORMANCE**

- I Standard bi-wing rotors offer application flexibility & good solids handling capabilities
- I Multi-lobe rotors reduce shear & pulsation effect; ideal for sensitive media
- I Innovative cusps with reliefs allow for easier cleaning and self draining with improved efficiency

# **PERFORMANCE**

MODELS									
	Displacement		Max Pressure		Max Speed	Standard Ports		Max Capacity	
Model	USG/rev.	l/rev.	PSI	BAR	RPM	ln	mm	GPM	m³/h
SLAS	0.0103	0.039	218	15	1400	.75	19	14	3.18
SLAL	0.0156	0.059	145	10	1400	1	25	22	5
SLBS	0.0214	0.081	218	15	1200	1	25	25.7	5.8
SLBL	0.0322	0.122	145	10	1200	1.5	38	38.7	8.8
SLCS	0.0446	0.169	218	15	1200	1.5	38	53.6	12.2
SLCL	0.0671	0.254	145	10	1200	2	50	80.5	18.3
SLDS	0.093	0.352	218	15	1000	1.5	38	93	20.5
SLDL	0.1395	0.528	145	10	1000	2	50	139.5	31.7
SLES	0.1934	0.732	218	15	800	2	50	154.7	35.1
SLEL	0.2903	1.099	145	10	800	3	76	232.3	52.8
SLFS	0.4026	1.542	218	15	600	3	76	241.5	54.8
SLFL	0.6036	2.285	145	10	600	4	101	362.2	82.3
SLGS	0.8374	3.17	218	15	600	4	101	502.5	114.1
SLGL	1.2559	4.754	145	10	600	6	152	753.5	171.1









#### **PORTING**

- Complete range of hygienic clamp, screw, flange & industrial screw connections
- I Tri-clamp, flanged, DIN, IMDA, NPT, BSP, etc.

# **SEALING**

- I Single mechanical
- I Single mechanical with flush or quench
- · Standard Seal Faces: C/SiC
- Standard O-rings & Cover Seals: EPDM/FDA
- · Optional Faces: SiC/SiC
- Optional O-rings & Cover Seals: FKM, Buna, Silicone, FFKM
- Double mechanical with flush
- Seal Faces: C/SiC/SiC/C or SiC/SiC/SiC/C
- Standard O-rings & Cover Seals: EPDM/FDA
- · Optional Faces: SiC/SiC
- Optional O-rings & Cover Seals: FKM, Buna, Silicone, FFKM

# **ROTOR & CASING OPTIONS**

- 316L stainless steel pump casing with interior finished to Ra of 24µin (0.6µm).
- 316L stainless steel rotors
- 1.4435 low ferrite stainless steel optional
- Improved surface finishes & electropolishing optional
- Bi-wing rotors standard
  - · No timing required
  - Preferred for large solids such as fruit pieces, nut kernels, cheese curds or meats
- I Multilobe rotors optional
  - · Provides reduced shear on shear sensitive fluids
  - Improved performance on thin liquids resulting in less pulsation at higher pressures

# OPTIONAL COMPLIANCE CERTIFICATION DOCUMENTATION & PERFORMANCE TESTS

Pump
Performance

Media Contact ElastomersSeal Face Certified
Documents

ATEX & CE

Chemical

General Compliance

ce Surface Finish

Media Contact Metallic Components

Personal Care

Pump Assembly Inspection

## TYPICAL APPLICATIONS

■ Pharmaceutical ■ Beverage

Foods Confectionary

#### **BENEFITS OF MAINTENANCE KITS**

Dairy

- I Everything you need in one place
- Reduce frequency of repairs
- Increase service life
- Increase uptime
- Save time & money
- I Kits include exploded diagram & parts list



## REBUILD VS. REPLACE

- Kits are designed to save time & money, making preventive maintenance easier & more cost-effective
- Pumps are designed & built to the highest standards, for long life & to be rebuilt instead of replaced when applicable
- I Tool kits also available



CONTACT YOUR STOCKING DISTRIBUTOR TODAY

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