



## STERILOBE® SERIES

ROTARY LOBE PRODUCT LINE



## FEATURES & BENEFITS

### CLEANABILITY

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

### EASE OF MAINTENANCE

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

### PERFORMANCE

- Multi-lobe rotors reduce shear & pulsation effect; ideal for sensitive media
- Innovative cusps with reliefs allow for easier cleaning and self draining with improved efficiency

## PERFORMANCE

### MODELS

Model	Displacement		Max Pressure		Max Speed	Standard Ports		Max Capacity	
	USG/rev.	l/rev.	PSI	BAR	RPM	In	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



**CAPACITY**  
to 753 GPM  
(171 m³/h)



**PRESSURE**  
to 218 PSI  
(15 BAR)



**VISCOSITY**  
to 910,000 SSU  
(200,000 cSt)



**TEMPERATURE**  
to +300°F  
(+150°C)

## PORTING

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

## SEALING

- Single mechanical
- 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
- Multilobe rotors
  - 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 Elastomers
- Certified Documents
- General Compliance
- Seal Face
- ATEX & CE
- Media Contact Metallic Components
- Surface Finish
- Pump Assembly Inspection

## TYPICAL APPLICATIONS

- Pharmaceutical
- Beverage
- Chemical
- Personal Care
- Dairy
- Foods
- Confectionary

## BENEFITS OF MAINTENANCE KITS

- Everything you need in one place
- Reduce frequency of repairs
- Increase service life
- Increase uptime
- Save time & money
- 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
- Tool kits also available



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