



SLS Series  
Eccentric Disc Pump

Where Innovation Flows

## Seal-less Solutions for Hygienic Applications

The new generation of Mouvex® Eccentric Disc Pumps, designed to provide premium performance and ultimate safety in hygienic applications.



### Benefits:

- Self-priming
- Seal-less Design
- Low Shear Rate
- Consistent Flow Rate
- Strong Suction and Discharge Pressure

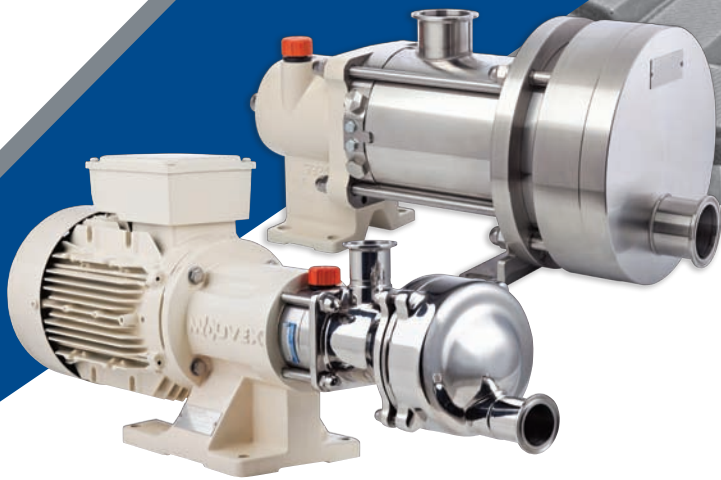


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## Design:

- **Features and Benefits:** Designed without mechanical seals, packing or magnetic drive, the SLS Series features a unique seal-less design with double stainless steel bellows to ensure long life and product safety. The SLS Series provides very high suction and discharge pressures which allow it to self-prime and fully strip lines, maximizing product recovery.
- Clean in place (CIP) and Sterilize in place (SIP) for the ultimate in convenience and cleanliness
- Extremely accurate flow volume even at low speeds
- Can run dry for up to 5 minutes, and the self-compensating eccentric disc principle provides consistent flow rates over a long period of time
- Extremely gentle, pulse-free flow to protect shear-sensitive products

## Application:

- Suitable for most sanitary applications, including food and beverage, pharmaceutical, and cosmetic processes

## Operation:

- **Principle:** Eccentric Disc, positive displacement
- **Installation:** Can be base mounted or cart mounted for mobility

## Description of Construction:

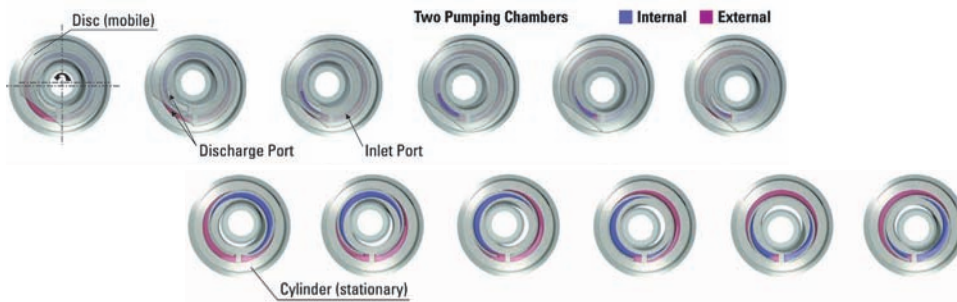
- All Stainless Steel construction
- Shaft sealed by double Stainless Steel bellows
- Ra 0.8  $\mu\text{m}$  (32  $\mu\text{inch}$ ) wetted surfaces

## Options:

- Bellows Monitoring System (BMS)
- SMS
- DIN 11851
- DIN 11864 BF-A Aseptik fl
- (2") Tri-Clamp ASME-BPE
- Heating jacket
- Mobile -mounted

Model	Max Speed	Max. Flow Rate	Max. Diff. Pressure
SLS1	1000 rpm	1 m <sup>3</sup> /hr (4.4 gpm)	16 bar (232 psi)
SLS2	1000 rpm	2 m <sup>3</sup> /hr (8.8 gpm)	10 bar (145 psi)
SLS3	1000 rpm	3 m <sup>3</sup> /hr (13.2 gpm)	6 bar (87 psi)
SLS4	750 rpm	4 m <sup>3</sup> /hr (17.6 gpm)	10 bar (145 psi)
SLS8	750 rpm	8 m <sup>3</sup> /hr (35.2 gpm)	6 bar (87 psi)

Model	Max Speed	Max. Flow Rate	Max. Diff. Pressure
SLS12	500 rpm	12 m <sup>3</sup> /hr (52.8 gpm)	9 bar (130 psi)
SLS18	500 rpm	18 m <sup>3</sup> /hr (79.25 gpm)	6 bar (87 psi)
SLS24	450 rpm	24 m <sup>3</sup> /hr (105.6 gpm)	9 bar (130 psi)
SLS36	450 rpm	36 m <sup>3</sup> /hr (158.5 gpm)	6 bar (87 psi)



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