



SLC Series  
Eccentric Disc Pump

Where Innovation Flows

## Seal-less Solutions for Chemical Applications

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



### Benefits:

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





## Design:

- **Features and Benefits:** Unique seal-less design features a double stainless steel bellows which ensures durability, safety and product containment. The SLC Series provides very high suction and discharge pressures which allows it to self-prime and fully strip lines, maximizing product recovery.
- The SLC 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. The flow rate is extremely accurate even at low speeds.
- There are fewer moving parts, which results in reduced maintenance and downtime.

## Application:

- Suitable for most chemical and industrial transfer applications, in particular those that require consistent non-pulsing flow and gentle fluid handling (low shear rates).

## Operation:

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

## Description of Construction:

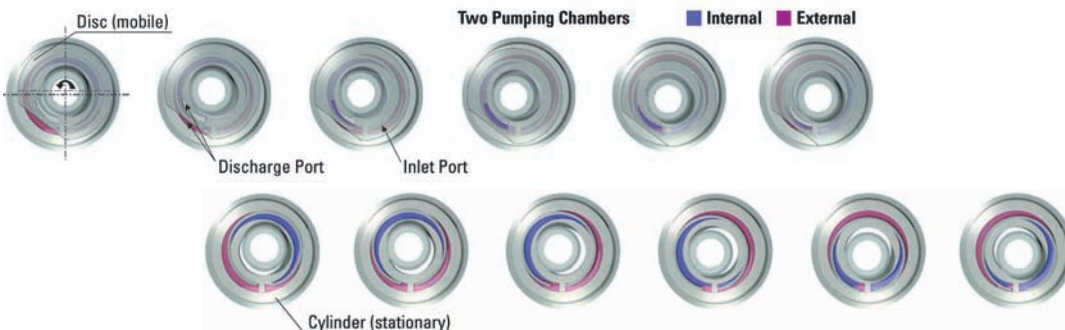
- All Stainless Steel construction
- Shaft sealed by double Stainless Steel bellows
- O-ring seals in FKM or coated FKM

## Options:

- Bellows Monitoring System (BMS)
- ISO PN 20 flanges / ANSI150 flanges
- ISO PN 16 flanges
- Heating Jacket

Model	Max Speed	Max. Flow Rate	Max. Diff. Pressure
SLC1	1000 rpm	1 m <sup>3</sup> /hr (4.4 gpm)	16 bar (232 psi)
SLC2	1000 rpm	2 m <sup>3</sup> /hr (8.8 gpm)	10 bar (145 psi)
SLC3	1000 rpm	3 m <sup>3</sup> /hr (13.2 gpm)	6 bar (87 psi)
SLC4	750 rpm	4 m <sup>3</sup> /hr (17.6 gpm)	10 bar (145 psi)
SLC8	750 rpm	8 m <sup>3</sup> /hr (35.2 gpm)	6 bar (87 psi)

Model	Max Speed	Max. Flow Rate	Max. Diff. Pressure
SLC12	500 rpm	12 m <sup>3</sup> /hr (52.8 gpm)	9 bar (130 psi)
SLC18	500 rpm	18 m <sup>3</sup> /hr (79.25 gpm)	6 bar (87 psi)
SLC24	450 rpm	24 m <sup>3</sup> /hr (105.6 gpm)	9 bar (130 psi)
SLC36	450 rpm	36 m <sup>3</sup> /hr (158.5 gpm)	6 bar (87 psi)



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