



Sanitary Double Screw Pump

SLG series



Introduction

SLG SERIES SANITARY DOUBLE SCREW PUMP



This **SLG** pump is a kind of positive displacement one, which can meet the needs of pumping media of various viscosities. Also, its maximum operating speed is up to **3,600rpm**. Because it can operate at such high speed, the pump can deliver low-viscosity media, such as water or cleaning agent, meeting the **CIP** flow requirements by increasing the speed. An additional cleaning pump is therefore not needed. Even under very high system pressure, it can still pump media of ultra-high viscosity stably, with very small temperature rise. With design optimization, it features more prominent advantages, such as gentle pumping, small temperature rise, and easy maintenance.

Twin-screw pump operating principle

- ◆ Axial stable pumping.
- ◆ No pulses and vibrations.
- ◆ Screw and pump chamber do not contact.
- ◆ It can run in the reverse direction.
- ◆ Better suitable for media with low shearing requirements.
- ◆ Better suitable for high- viscosity media.
- ◆ Better suitable for abrasive media.
- ◆ Super self-priming force (max. 0.8 bar).



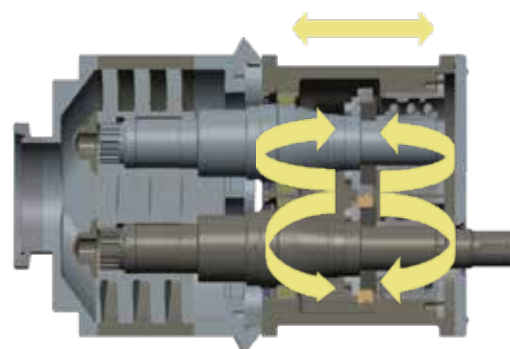
Introduction

SLG series double screw pumps technical parameters:.

Model	Speed (r/min)	Flow (m³/h)	Max. pressure (bar)	Inlet/outlet diameter
SLG30-30(L)	200~960	0.23~5.8	20	3/4"~2"
SLG40-40(L)	200~960	2.3~10.9	25	1.5"~3"
SLG60-60(L)	200~960	5.5~26.9	25	2.5"~4"
SLG80-80(L)	200~960	12~57.6	25	3"~6"

Product introduction

- ◆ It can gently pump high- or low-viscosity media, even non-flowing media and media with relatively high gaseous content. Working at low and high temperature, it still operates stably even under low NPSH working conditions. No pulse, small vibration, and non-contact twin screws, which ensure no residual after cleaning with high efficiency.
- ◆ The mechanical seal is installed in the upstream position, which is easy for disassembly.
- ◆ The three-section pump chamber layout, including flange cover, screw casing and pump cover, makes the existing pump chamber flexible to meet different interfaces and applicable to different system installation. Also, it facilitates the installation and maintenance. The minimal clearance reduces reflux, ensuring this pump has very high working efficiency.
- ◆ Screws with different pitches (different pitches have different pumping characteristics) can provide maximum flexibility, suitable for a very large range of applications, and efficiently meet various pumping needs. The smaller the pitch, the greater the pressure the system can withstand and the greater the self-priming force.
- ◆ The pump shaft with higher strength is suitable for strict working conditions, ensuring smooth operation and significantly prolonging service life.
- ◆ The optimized bearing can operate stably even under extremely high axial pressure and speed. After the gearbox design optimization, the circulation path of lubricating oil ensures good bearing lubrication and prolongs the service life.



Your local distributor details:



Euroflo Pumps International VietNam Company Limited

1st Floor, VietPhone Building, 64 Nguyen Dinh Chieu Street, Tan Dinh Ward, Ho Chi Minh City, Vietnam
Phone: 0979 878 481