正弦泵系列
Sine pump series



正弦泵是一种新型的容积式泵，它具有结构更加紧凑、输送效率更高、适用输送介质粘度范围更广等特点。可广泛应用于食品、饮料、奶制品、化工、制药等行业。

Sine pump is a new type of positive displacement pump, which has the characteristics of more compact structure, higher conveying efficiency, and wider viscosity range of applicable conveying medium. Can be widely used in food, beverage, dairy, chemical, pharmaceutical and other industries.

技术优势

- ●超低剪切输送，有效保证介质完整性。
- ●高吸入能力，进口负压可达-0.85bar。
- ●低脉冲输送，可有效防止管道振动，使介质输送平稳快速。也可增加计量精度。
- ●输送过程柔和，不易产生气泡。
- ●双向运行设计。
- ●维护简单快捷。
- ●所有与介质接触部件符合FDA和EC1935标准要求。
- ●适用介质粘度范围广，1cp至800,0000cp。

Technical advantages

- ●Ultra-low shear conveying to effectively ensure media integrity
- ●High suction capacity, inlet negative pressure can reach -0.85bar
- ●Low-pulse conveying can effectively prevent pipeline vibration, make the medium convey smoothly and quickly, and also increase the measurement accuracy
- ●The conveying process is gentle, and it is not easy to generate air bubbles
- ●Bidirectional operation
- ●Simple and fast maintenance
- ●All medium contacting parts comply with FDA and EC1935 standards
- ●Wide range of medium viscosity, 1cp to 8,000,000cps

非常广泛的应用范围，且高粘度对泵功率的影响极小，输送颗粒无破损
Very wide application range, and the high viscosity has little effect on the pump power, and the conveyed particles are not damaged



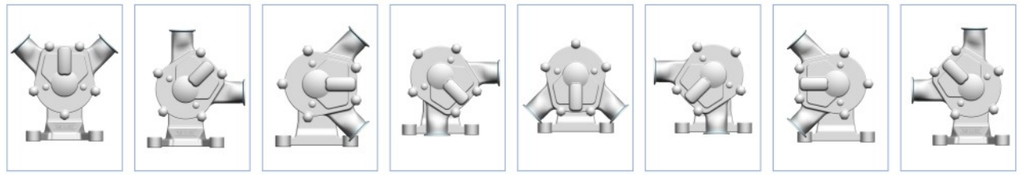





技术参数 Technical Specifications

最大流量 Max flow	93m³/h
最高压力 Max pressure	15 bar
最高温度 Max Temperature	130℃，适用于CIP或SIP清洗和杀菌 Suitable for CIP or SIP cleaning and sterilization
材质 Material	1.4404/SS316L 双相钢2205/哈氏合金C276 Dual-phase steel 2205, Hastelloy alloy C276
认证 Certification	3-A-02-12, FDA177.2600, 177.1550, MD/06/42/EC

可选的接口方向 Optional Interface Orientation



R-1　R-2　★R-3　R-4　L-1　L-2　★L-3　L-4

带有《★》完全自排空，用户可根据工况自由决定采用何种连接方式，而无需出厂定义
With "★" completely self-draining, the user can freely decide which connection method to use according to the working conditions, without the need for factory definition

正弦泵选型表 Sine pump selection table

规格 Model	最大颗粒 Max granule diameter(mm)	每转排量 Discharge per revolution(L/Rev)	最大转速 Max speed(rpm)	最大流量 Max flow(m³/h)	最大压力 Max pressure(bar)	工作温度 ℃ Temperature	轴径 mm Shaft diameter
PZX-120	12	0.13	900	7.0	10	100	28
PZX-140	18	0.24	800	11.5	15	100	28
PZX-180	26	0.50	600	18.0	15	100	42
PZX-220	32	1.00	600	36.0	15	100	42
PZX-300	38	1.90	600	68.4	15	100	48
PZX-300-1	50	2.60	600	93.6	15	100	48