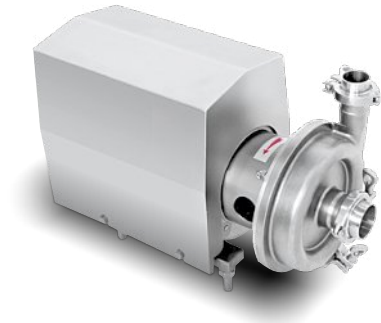


SeFluid centrifugal hygienic pump series is a single-stage, single-suction type of sanitary pump, suitable for the transport of milk, drink, wine, and other liquids. It is indispensable pumping equipment for the food, chemical, pharmaceutical, and other industries. It is especially suitable for tube sterilization, yogurt temperature holding equipment, CIP cleaning and other systems with great resistance.

This series stainless steel centrifugal hygienic pump is mainly composed of pump body, pump seat and motor, and the pump body is connected by quick installation. Our pumps adopt smooth, rigid structure and thick wall design. In the selection of materials, the pump body, pump cover, impeller, and other parts in contact with materials are all made of SS316 or SS304 stainless steel. Mechanical shaft seals are made of high-quality stainless steel and silicon carbide, which greatly improved wear resistance and moisture type, extended the service life.

The pump body and impeller adopt the whole fine casting and good part surface treatment. The shaft seal adopts an open structure, so it can be observed in time even if there is a small leakage at the shaft seal. It will not overflow into the motor even if it is not noticed for a short time. Thus, the service life of the motor is guaranteed.

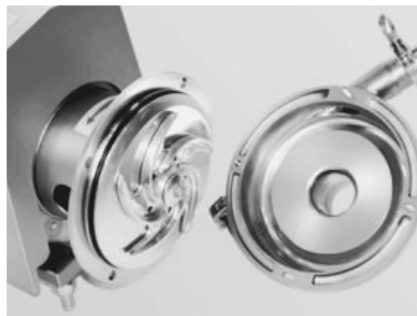


Structural Feature

- It is a delicate, non-fouling product, especially suitable for CIP cleaning.
- Simple structure, easy to disassemble, low noise, high efficiency, gentle handling of materials, in line with hygiene requirements and to ensure the original smell of the product.

Unique Design of SeFluid Sanitary Centrifugal Pump

The Impeller and shaft sleeve of our pumps are an integral precision casting. They are directly installed on the motor output shaft with high strength, unique design, easy installation and high precision. By this way the pumps can ensure concentricity and solve the vibration, and can improve the strength of the pump. The precision casting of the impeller and shaft sleeve solves the wear of the impeller and the hub. The shaft sleeve is designed to deepen the impeller into the mouth at the rear end, improve the inlet characteristics of the pump, and avoid cavitation erosion. The impeller is of open type, making it easy to clean without dead space.



- Material: SUS304/SUS316L
- Standards: DIN, SMS
- Impeller: open impeller, no dead space for sanitation
- Surface treatment: part of the liquid contact is polished, the rest is matte or sandblasted.
- Maximum inlet pressure: 0.5MPa
- Temperature range: -10 °C to +140 °C (EPDM)
- Flushable mechanical seal
- Water pressure: up to 0.1MPa
- Water quantity: 0.25-0.5L/min
- Speed: 2900r/min for standard pump.

Technical Specification

MODEL	Flow Rate (t/h)	Flow Head (m)	Motor Power (kw)	Inlet Dia. (mm)	Outlet Dia. (mm)	MODEL	Flow Rate (t/h)	Flow Head (m)	Motor Power (kw)	Inlet Dia. (mm)	Outlet Dia. (mm)
SHP1	1T	8	0.37	Φ32	Φ25	SHP15	15T	24	3	Φ51	Φ51
SHP3	3T	16	0.75	Φ38	Φ32	SHP15B	15T	36	4	Φ51	Φ51
SHP5	5T	24	1.5	Φ38	Φ32	SHP20	20T	24	4	Φ63.5	Φ51
SHP5B	5T	32	2.2	Φ51	Φ38	SHP20B	20T	36	5.5	Φ63.5	Φ51
SHP10	10T	24	2.2	Φ51	Φ38	SHP30	30T	24	5.5	Φ63.5	Φ51
SHP10B	10T	36	3	Φ51	Φ51	SHP30B	30T	36	7.5	Φ76	Φ63.5