

SP High-efficiency Horizontal Self-priming Centrifugal Pump Series SP高效卧式自吸离心泵系列

The modular design of the PUTRONS SP pump, optimized various self-priming structures in the market, represents one of the unique developments. Based on many years of experience in self-priming pumps, we provide a series of structures to meet future demand for economical, highly self-priming and reliable pumps.

The unique design, compact and clear cylindrical shape, plus practical advantages such as easy assembly, maintenance and modular structure of all components, ensure long-term trouble-free operation.

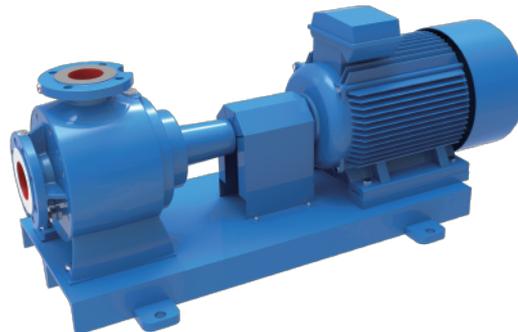
- Designed for multiple applications especially for industry and marine
- Liquid ring or jet device is optional when quick priming or strong priming is required; the priming capacity is not degraded by impeller trim
- High self-priming capacity; foot valve is not required
- Easy installation, maintenance and low maintenance cost
- High efficiency and reliability
- Compact design with flexible configuration

50 Hz:	60 Hz:
Head range 扬程范围: 1 - 100 m 3 - 330 feet	Head range 扬程范围: 2 - 150 m 6 - 490 feet
Flow rate range 流量范围: 1 - 350 m ³ /h 5 - 1500 USgpm	Flow rate range 流量范围: 2 - 400 m ³ /h 10 - 1760 USgpm
Medium temperature range 介质温度范围:	
With standard mechanical seal, max. medium temperature is up to 100 °C / 212 °F 采用标准机械轴封, 最高温度可达 100 °C / 212 °F	
With special mechanical seal or configuration, max. medium temperature is up to 220 °C / 428 °F 采用特殊机械轴封或结构, 最高温度可达 220 °C / 428 °F	

Available material	
Pump casing	Cast iron, ductile iron, bronze, nickel aluminum bronze
Impeller	Cast iron, ductile iron, nickel aluminum bronze
Seal ring	Bronze, composite, CR6100
Back cover	Cast iron, ductile iron, bronze, nickel aluminum bronze
Shaft	Carbon steel, 316, duplex stainless steel
Shaft seal	Single mechanical seal

浦川模块化设计的SP泵代表了多种自吸结构结合、独特优化的发展。根据多年生产自吸泵的经验, 我们提供系列化的结构以满足未来对经济、高自吸和可靠的泵需求。

独特的设计, 紧凑的轮廓清晰的圆柱形, 加上易于组装、维护和所有组件的模块化结构等实用优势, 确保长期无故障运行。



- 多用途应用设计, 尤其是工业和船用
- 可配置液环叶轮或喷射结构, 提高自吸能力并且不因叶轮切削而降低
- 高自吸能力, 无需底阀
- 简便的安装, 易维护, 低维护成本
- 高效率高可靠性
- 简洁、紧凑、小巧, 配置灵活多样

Marine application:

- Bilge pump
- Ballast pump
- Fire pump
- Cooling-water pump
- Wash-deck pump
- Wash-down pump
- Circulation pump
- Fuel pump
- General service pump

船用领域:

- 舱底泵
- 压载泵
- 消防泵
- 冷却水泵
- 甲板清洗泵
- 冲洗水泵
- 循环泵
- 燃油泵
- 其它通用泵

Industry application:

- Ground water pump
- Fire pump
- Wash-down pump
- Cooling-water pump
- Circulation pump
- Fuel pump
- Filling of tanks and wagons
- Truck fuel pump

工业领域:

- 地下水泵
- 消防泵
- 冲洗泵
- 冷却水泵
- 循环泵
- 燃油泵
- 给油罐
- 货车加油泵

材料	
泵壳	铸铁、球铁、青铜、镍铝青铜
叶轮	铸铁、球铁、镍铝青铜
密封环	青铜、复合材料、CR6100
后盖	铸铁、球铁、青铜、镍铝青铜
轴	碳钢、316、双相不锈钢
轴封	单端面机械密封