

SVD High-efficiency maintenance-free vertical double suction pump SVD高效免维护立式双吸泵系列

Typical application 典型应用:

Suitable for a variety of marine and industrial applications, including seawater cooling systems, low temperature cooling systems, high temperature cooling systems, ballast pumps, fresh water circulation, HVAC, fire pumps, seawater desalination, petrochemical, power plants, and coal chemical processes.

适用于多种船舶和工业应用场合，包括海水冷却系统、低温冷却系统、高温冷却系统、压载水泵、淡水循环、暖通空调、消防泵、海水淡化、石油化工、发电厂和煤化工流程。

50 Hz:	60 Hz:
Head range 扬程范围: 5 - 120 m 15 - 400 feet	Head range 扬程范围: 5 - 170 m 15- 560 feet
Flow rate range 流量范围: 150 - 3500 m ³ /h 660 - 15000 USgpm	Flow rate range 流量范围: 180 - 4400 m ³ /h 790 - 19000 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	

- High reliability
- Shorter pump height to significantly reduce vibration and noise
- Footprint and weight reduced
- High efficiency
- Easy to maintain
- Only upper mechanical seal is used, reducing the risk of leakage by 50%
- Double volute design, greatly reducing the radial force of the pump and the weight of the pump casing
- Mechanical seal comes as standard; double mechanical seal or packing seal is optional
- Vertical or horizontal installation
- Magnetic bearing is optional



- 高可靠性
- 泵高度大幅降低，振动及噪音显著减小
- 减小占用空间及减轻重量
- 高效率
- 易维修维护
- 只采用上部机械密封，泄露风险降低50%
- 双蜗壳设计，大大减小泵的径向力和泵壳的重量
- 机械密封为标准配置；可选配双机封或填料密封
- 可选择立式或卧式安装
- 磁悬浮轴承是选项

Material and configuration 材料和配置

Pump Casing	Cast iron, ductile iron, bronze, nickel aluminum bronze, 304, 316, duplex stainless steel, super duplex stainless steel, Hastelloy
Impeller	Cast iron, ductile iron, nickel aluminum bronze, 304, 316, duplex stainless steel, super duplex stainless steel
Wear Ring	Composite materials, bronze, CR6100
Rear Cover	Cast iron, ductile iron, bronze, nickel aluminum bronze, 304, 316, duplex stainless steel, super duplex stainless steel, Hastelloy
Shaft	Carbon steel, 304, 316, duplex stainless steel, super duplex stainless steel
Shaft Seal	Single / double mechanical seal, cartridge mechanical seal, gland packing

泵壳	铸铁、球铁、青铜、镍铝青铜、304、316、双相不锈钢、超级双相不锈钢、哈氏合金
叶轮	铸铁、球铁、镍铝青铜、304、316、双相不锈钢、超级双相不锈钢
密封环	复合材料、青铜、CR6100
后盖	铸铁、球铁、青铜、镍铝青铜、304、316、双相不锈钢、超级双相不锈钢、哈氏合金
轴	碳钢、304、316、双相不锈钢、超级双相不锈钢
轴封	单端面/双端面机械密封、集装机封、填料