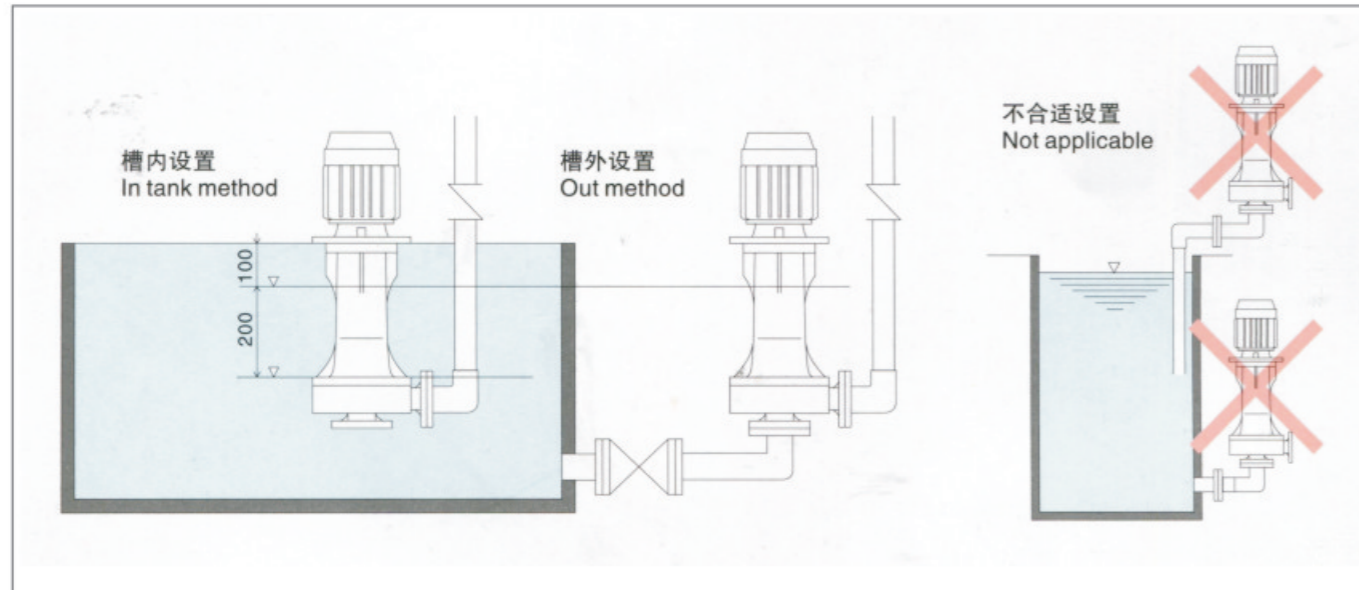


安装注意事项 Precautions of installation

(1) SK/SP为无轴封泵浦，当液面上升至泵浦马达法兰面附近时，泵浦上方会产生漏液现象，因此，安装泵浦时请参考下列设置列。

(1) When installation SK / SP pump, its motor flange of the pump should be higher than the maximum liquid surface level of the tank, otherwise the liquid absolutely leaks from the pump. See the below installation method for reference.



(2) 当前盖及吸入配管内滞留空气时，泵浦将无法扬水。为不积存空气避免凸起配管以防止空气闭锁（空转）原因发生。

(2) The presence of air in the casing and the suction pipe may prevent priming of the pump. Air can get easily trapped in the up-and-down piping, and such trapped air causes on air lock (dry running). In case of the air lock, release any trapped air either from the air-release bolt on the connecting pipe or from the pipe on the discharge side of the pump.

(3) 输送颗粒混液时，应安装过滤网。

(3) It is recommended to place a strainer at the end of suction pipe when handling slurry liquid.

(4) 槽内设置时，视药液而定，前盖应使用PPS材质等螺丝

(4) When the pump is installed as in tank method, use PPS material bolts for casing.

(5) 严禁泵浦法兰面过度锁紧。

(5) Prohibitions of over-tightening of pump flange.

- a. 配管及泵浦法兰面应平行，并避免螺丝过度锁紧。
- b. 配管侧使用挠性连接管或SUS制活动法兰、内垫圈时，应避免螺丝过紧，造成泵浦法兰变形。

- A. Place each flange surface of pipe and pump in parallel, and do not over-tighten by bolts.
- B. Avoid deformation of pump flange by over-tightening when using a flexible joint, a loose flange made of metal or an inner packing on the piping line.

(6) 严禁配管荷重。

(6) Prohibitions of Piping load to pump

- a. 以支架完全支撑配管重量。
- b. 高温(40°C以上)时，应考虑配管热膨胀，在不增加泵浦荷重下，设置挠曲部或伸缩接头。
- c. 尽可能避免金属配管，而以塑胶配管施工。

- A. Piping load should be supported completely by supporting equipments.
- B. In case of high temperature liquid over 40°C, place flexible joints and bendings in pipe line to avoid piping load to pump by pipe's expansion.
- C. Use resin pipe. Avoid metal pipe as possible.

在金属配管较多之浓硫酸及氢氧化钠，应特别注意上记 (5) (6)
Especially for (5) (6) notice that concentrated sulfuric acid and Sodium hydroxide are most likely to be handled by metal piping.

GDS 系列不锈钢立式耐酸碱泵

GDS SERIES STAINLESS STEEL VERTICAL ACID AND ALKALI RESISTANT PUMP



采用不锈钢304精密铸造成型，无沙孔问题，叶轮效率高
适用各种酸碱液、微酸液，循环使用，耐高温。
无轴封设计，绝不因空运转而损坏，设计有防止酸气进入
轴承之密封圈，及溢流导沟。
叶轮经动力平衡校正，低噪音，低震动
泵体积小，适合槽内槽外设计使用。

It adopts stainless steel 304 with precision casting and forming, no sand hole and high efficiency of impeller.

It's applicable for different kinds of acid and alkali liquids plus slightly acid liquids, with circulating use and resistance to high temperature.

With glandless design, it's 100% invulnerable to damages caused by idle running. Also it's designed with a gasket ring preventing acid gases from entering the bearing as well as an overflowing guide channel.

The impeller is calibrated with dynamic equilibrium, thus featured by low noise and small vibration.

The pump is compact and thus suitable for both internal and external design and use of baths.