概 述

KWP型无堵塞离心泵为卧式、单级、轴向吸入离心泵。可用于城市供水、污水处理工程、化工流程、钢铁和造纸、制糖和罐头食品工业。主要特点是高效，无堵塞。采用后拆式结构，无需拆掉进、出口管路和泵体，就可拆卸转子部件，简化维修。可以对叶轮和前护板进行快速更换，使泵能迅速调整到不同工况所要求的状态。

KWP型泵可以输送清水、各种污水、海水、卤水、废水和污泥浆。故适用于洪水厂，污水处理厂，啤酒厂，矿山以及化学和建筑工业部门。

KWP型泵按出口尺寸划分的规格范围是从40mm到500mm。

KWP型泵一般适用于输送中性介质，PH值在6-8左右。对于输送腐蚀性介质等有特殊要求的可以选用耐腐系列或耐磨系列材质。

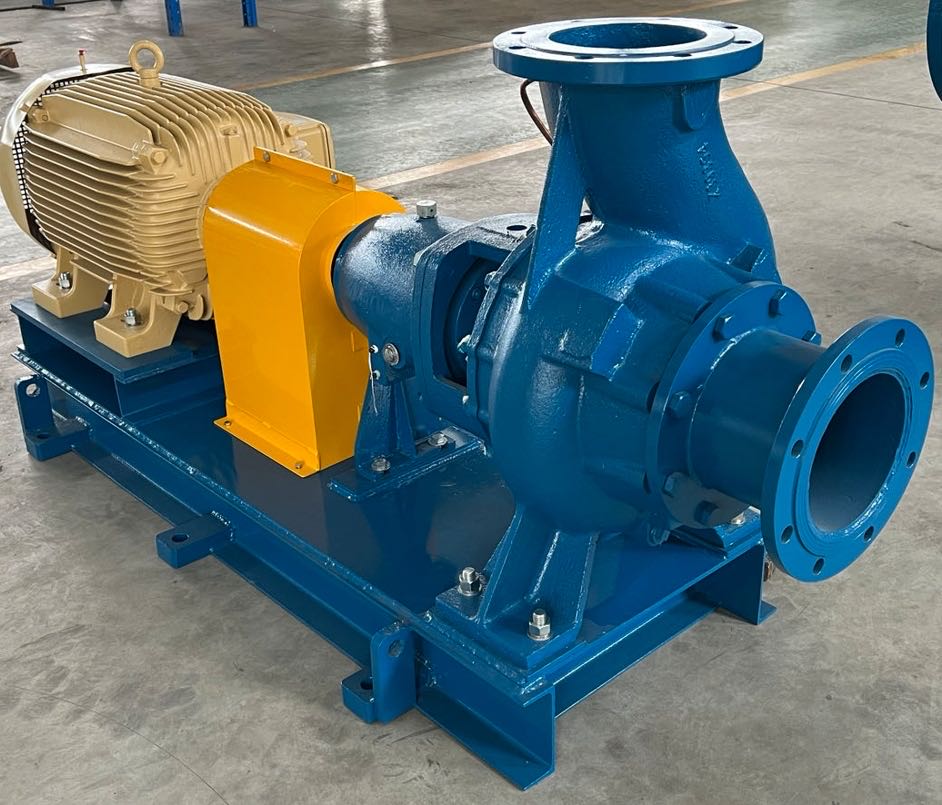
密封形式

填料密封：有标准型和高温型两种结构。当输送介质温度超过90℃时应用高温型，该型式的填料箱带有冷却函，通以冷却水，以利于高温输送工况。

机械密封：对输送介质不能泄漏的场合，也可采用机械密封。机械密封有单端面、双端面，可根据不同场合选用。

传动方式

一般以直联传动。也可以采用皮带传动等间接驱动方式，传动比范围为1:1~1:2。



Overview

The KWP type non clogging centrifugal pump is a horizontal, single-stage, axial suction centrifugal pump. It can be used in urban water supply, sewage treatment engineering, chemical processes, steel and papermaking, sugar making, and canned food industries. The main characteristics are high efficiency and no blockage. Adopting a rear dismantling structure, the rotor components can be disassembled withoutdismantling the inlet and outlet pipelines and pump body, simplifying maintenance. The impeller and Cover Plate Liner Insert can be quickly replaced to enable the pump to quickly adjust to different working conditions.

The KWP pump can transport clean water, various types of sewage, seawater, brine, wastewater, and sewage slurry. Therefore, it is suitable for flood control plants, sewage treatment plants, breweries, mines, as well as chemical and construction industries.

The specification range of KWP pumps based on outlet size is from 40mm to 500mm.

KWP pumps are generally suitable for conveying neutral media, with a pH value of around 6-8. For transporting corrosive media with special requirements, corrosion-resistant or wear-resistant materials can be selected.

Sealing form

Packing seal: There are two types of structures: standard and high-temperature. When the temperature of the conveying medium exceeds 90 ℃, a high-temperature type should be used. This type of packing box is equipped with a cooling box, which is filled with cooling water to facilitate high-temperature conveying conditions.

Mechanical seal: In situations where the conveying medium cannot leak, mechanical seal can also be used. Mechanical seals have single and double end faces, which can be selected according to different occasions.

Drive mode

Direct drive is generally used. Indirect driving methods such as belt drive can also be used, with a transmission ratio range of 1:1 to 1:2.