HR 系列卧式双级活塞推料离心机
HR piston pushing centrifuging

工作原理
HR系列双级活塞推料离心机主要由供料系统、推料机构、轴驱动、轴封、破损装置、外筒、叶轮、内筒、轴承、差动齿轮、进料口、出料口、搅拌器、油箱、进出口部分组成，其中供料系统通过供料泵将料液送入离心机内，经进料口进入内筒，通过推料机构，在离心力的作用下，物料在离心机内做圆锥型运动，当到推料工位时，推料机构和内外筒之间的间隙逐渐变小，从而将物料推向出料口，实现离心分离。

主要特点
HR系列卧式双级活塞推料离心机具有多种特点，包括大生产能力、高速度离心、自动控制等。该设备在离心分离过程中，能够有效地分离固液混合物，适用于化工、医药、食品等行业。

适用范围
适用于分离中等颗粒直径的固液混合物，适用于制糖、制药、化工、煤炭、矿石、陶瓷、颜料、染料、催化剂、催化剂等。

操作流程
1. 将料液通过供料泵送入内筒；
2. 通过推料机构将物料推向出料口；
3. 出料口自动打开，将物料排出；
4. 内筒自动旋转，进入下一轮操作。

Main Characteristics
HR piston pushing centrifuging is a kind of filter centrifuge that elicits a continuously feeding and continuously outputting action. It can carry out procedures like feeding, washing, sedimentation and discharging.

It has the following distinctive features:
1. It can be operated continuously and steadily, which capacity is great;
2. Because of its high separating factor, it can be determaining fully in 2 turns. So, the filter cake can contain more moisture;
3. While there is a high demand to the purity of the products, the centrifugal can wash them and drain off the washing liquid and make the mother liquid separately;
4. The raw and decomposed consumption of the power.

Usage Scope:
The type of centrifuge is used to separate suspensions with solid content 0.1-10% and density 1-10g/cm³, which can be used in chemical, light, pharmacy and food industry to produce products such as glucose, starch, amylase, potassium chloride, sodium chloride, etc.

The choice of HR piston pushing centrifuging
1. The customer has high requirements on moisture content of filter cake, washing effect and working capacity.
2. The density of the suspension should be nearly 30%-60% to get the best separating effect. The solid content in the product is about 0.1-10%, and its viscosity should be less than 10-30cP. If you choose HR piston pushing centrifuging concerning above conditions.

Other configuration choices
1. For industrial use, the material can be stainless steel, carbon steel, copper alloy, titanium, and etc.
2. Motor you can choose brushless motor or explosive-proof motor.
3. Cleaning means: you can choose to drain the mother liquid and the washing liquid separately, or together.
4. Can be designed and modified to accord with your requirements.

HR系列竖向推料离心机主要技术参数
HR Series Model and Main Parameters

<table>
<thead>
<tr>
<th>Model</th>
<th>HR500-N</th>
<th>HR1000-N</th>
<th>HR1500-N</th>
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