# 爆炸图

托架-base

轴承组件-bearing assembly

对开填料压盖-gland

轴套-shaft sleeve

填料-packing

水封环-lantern ring

定位套-shaft spacer

泵体-casing

泵体螺柱-frame plate stud

填料箱-stuffing box

后护板-frame plate liner insert

叶轮-impeller

护套-volute liner

前护板-throat bush

泵盖-cover plate

# 轴封选择Shaft seal selection

**填料密封**- 最通用的密封类型。通过前水封环将一定压力下的清水注入填料，防止浆体泄露。结构简单，维修方便，成本低。

**Packing seal** - The most versatile type of seal. Water at a certain pressure is injected into the packing through the Lantern Restrictor to prevent slurry leakage. Simple structure, easy maintenance and low cost.

**副叶轮密封**- 副叶轮产生反向离心力，以防止泄露。当吸入侧正压大于排出侧正压不超过10%时，可用于单级泵或串联多级泵的第一级。不需要密封水，故浆体不会被稀释，密封效果可靠，适用于不被浆体被稀释的场合。

**Expeller seal** - The expeller generates reverse centrifugal force to prevent leakage. When the positive pressure on the suction side is no more than 10% of the positive pressure on the discharge side, it can be used in the first stage of single-stage pumps or tandem multi-stage pumps. No sealing water is needed, so the slurry will not be diluted, and the sealing effect is reliable, and it is suitable for the occasion that the slurry is not diluted.

**机械密封**-适用于不允许任何外界物质与泵送浆体混合的应用，如化工或食品工业。

**Mechanical seal**- for applications that do not allow any external substances to mix with the pumped slurry, such as the chemical or food industries.

# MS金属泵型谱图MS Metal Pump Spectrogram

图示

描述已自动生成

**技术参数**

**Technical Parameters**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 泵型号  Pump Model | 流量范围  Flow Range（m³/hr） | 扬程范围  Head range（m） | 转速  Speed（r/min） | 汽蚀余量  NPSHr（mm） | 出口口径  Outlet diameter（mm） | 进口口径  Import diameter（mm） | 叶轮直径  Impeller diameter（mm） | 叶片数 （枚）  Number of blades (pieces) | 裸泵重量  Bare pump weight（Kg） | 裸泵最大外形  Maximum shape of bare pump（mm） |
| 100HKK-MS | 100-400 | 10-70 | 800-1800 | 3-10 | 102 | 152 | 400 | 4 | 680 | 1024\*698\*768 |
| 150HM-MS | 200-800 | 10-80 | 500-1200 | 3-10 | 152 | 203 | 560 | 4 | 2200 | 1504\*1142\*1144 |
| 200HM-MS | 500-1500 | 10-80 | 400-1000 | 3-10 | 203 | 254 | 750 | 4 | 3500 | 1640\*1382\*1320 |
| 300HNN-MS | 1000-2500 | 10-80 | 300-700 | 3-10 | 305 | 356 | 1024 | 4 | 7200 | 2027\*1886\*1808 |

# 应用范围Applications

MS(R)系列渣浆泵采用通用的耐磨和耐腐蚀材料，它适用于多种工况，如矿浆、尾矿的输送，在电厂除灰，烟气脱硫和洗煤等，运营成本低，较短的维修和停机时间。

MS(R) series slurry pump adopts general wear and corrosion resistant materials. It’s suitable for a variety of working conditions, such as slurry, tailings transport, ash removal in power plants, flue gas desulfurization and coal washing, etc., with low operating costs and shorter maintenance and downtime.

## 选矿Mineral processing

MS(R)系列渣浆泵结构设计严谨，使用耐磨硬材料或橡胶，运行速度低，适用范围广，特别适用于矿物粗磨工艺和尾矿输送。

MS(R) series slurry pump has rigorous structure design, using wear-resistant hard material or rubber, low running speed and wide range of application, especially suitable for mineral coarse grinding process and tailings conveying.

## 化学工业Chemical Industry

多功能耐磨、耐腐蚀的金属和橡胶材料的选用，加上机械密封，使MS(R)系列泥浆泵在该领域得到了广泛的应用。

Usage of versatile wear-resistant and corrosion-resistant metal and rubber, together with mechanical seal, allow the MS(R) series slurry pumps wide applications in this area.

人站在火车旁

低可信度描述已自动生成

建筑的摆设布局

中度可信度描述已自动生成

## 烟气脱硫Flue Gas Desulfurization

专为含氯离子的腐蚀性浆体而研发的耐磨损、耐腐蚀的金属和橡胶使得此系列渣浆泵在烟气脱硫领域具有广泛的应用前景。

Specifically developed for corrosive slurries containing chloride ions, the wear and corrosion resistant metal and rubber make this series of slurry pumps have a wide range of applications in the field of flue gas desulfurization.

## 洗煤Coal washing

在洗煤工艺中，MS(R)系列泥浆泵广泛应用于输送高腐蚀性介质和高浓度底流介质。

In the coal washing process, MS(R) series mud pumps are widely used to transport highly corrosive media and highly concentrated underflow media.

## 冶金Metallurgy

采用多功能耐磨材料和耐磨结构设计，配合特殊的冷却系统，确保在输送高温介质时，轴承仍能保持低温运行，因此也将其应用范围扩展到了钢渣的输送中。

The multi-functional wear-resistant materials and wear-resistant structure design, together with the special cooling system, ensure that the bearing can still maintain low temperature operation when conveying high-temperature media, thus also extending its application to the conveying of steel slag.

# 传动方式Transmission method

图形用户界面

描述已自动生成

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