

RHD/YNK(cast design) – Single-stage between bearings pump

RHD/YNK(铸造结构)–两端支承单级泵



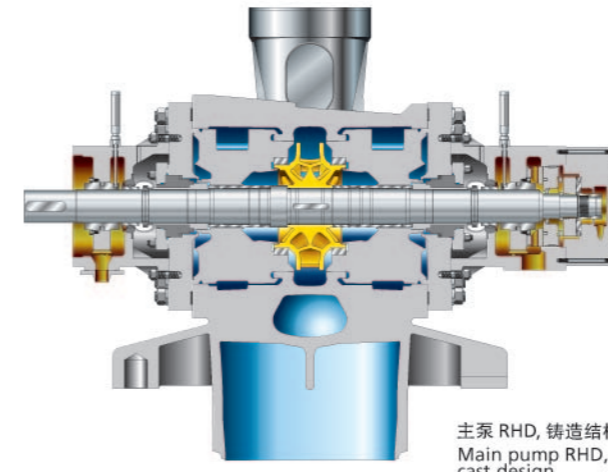
Applications: Main feedwater systems

Further information: www.ksb.com/product

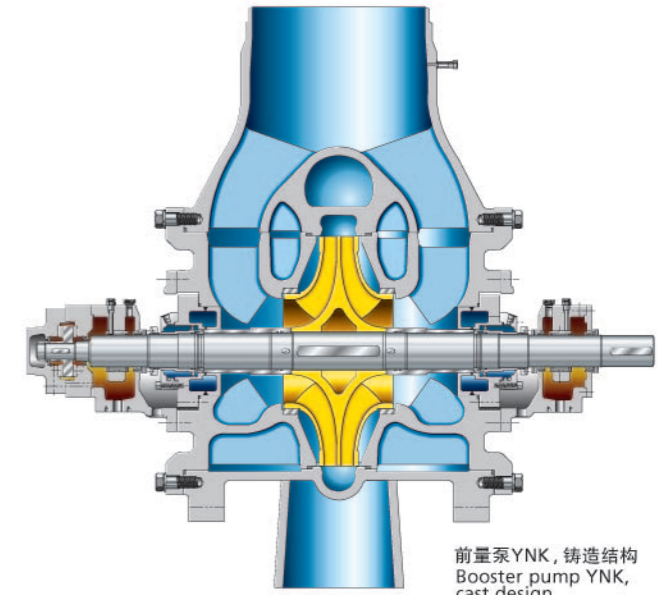
应用范围
主给水系统

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RHD/YNK(铸造结构)–两端支承单级泵



主泵 RHD, 铸造结构
Main pump RHD,
cast design



前量泵 YNK, 铸造结构
Booster pump YNK,
cast design

Smooth running over the entire 整个运行范围内运转平稳

operating range

- Short bearing span • 短轴承跨度
- Stiff rotor • 刚性转子
- Low vibrations • 低震动
- No cavitation • 无汽蚀

Extended lifetime 延长使用寿命

- No cavitation over the entire operating range through special contour of inlet area and vanes
- Mechanical seals well-proven for high speeds
- 进水段和叶片数特殊构型使得在整个运行范围内都不会产生汽蚀
- 机械密封适用于高转速

Tailor-made hydraulics 定制的水力模型

- Precision machined impeller
- Optimum adaption to customer's specific requirements
- Extremely small flow differential / deviation in parallel operation
- 精密加工的叶轮
- 极好的满足客户要求
- 两台泵并联运行时流量差或偏离极小



Quick and easy maintenance 维护简易便捷

- Back pull-out pump internals
- Well-proven mechanical seal in cartridge design
- Shrunken-fit shaft coupling prevents fretting corrosion (optional: spline-face connection without shaft keys)
- 泵内构建的背抽式设计
- 适用的集装式机械密封
- 热套式轴联轴器避免摩擦腐蚀(可选: 无轴键的花键连接)

Reduced source of interference 减少干扰源

No pre-heating necessary thanks to ability to be started from cold or from hot stand-by
无需预热, 直接从冷或热设备用工况启动

Low life cycle costs (LCC) 低寿命周期费用(LCC)

- Low energy consumption
- Long maintenance intervals
- Lower foundation loads and smaller crane capacity due to less weight
- 耗能低
- 维护周期长
- 备件少, 重量轻, 低的基础负荷和吊东容量

Technical data * 技术数据 *

Size 尺寸规格	DN125-500
Capacity 流量	up to 6500m ³ /h
Head 扬程	up to 1,000 m
Operating pressure 运行压力	up to 150 bar
Temperature 温度	up to +210 °C

* Higher ratings on request 有更高的参数满足需求