

NDL Bore Hole Pump Series

NDL立式深井泵系列

Typical application 典型应用:

Suitable for a variety of marine and industrial applications, such as main engine lubricating oil pumps, seawater lifting, oil rig, fire fighting, coal mine drainage, well pumping, agricultural irrigation and drainage, petrochemical, oil & gas, municipal engineering, etc.

适用于多种船舶和工业应用场合，例如主机润滑油泵、海水提升、钻井平台、消防、煤矿排水、井用抽水、农业排灌、石油化工、石油和天然气、市政工程等。

50 Hz:	60 Hz:
Head range 扬程范围: 20 - 140 m 70 - 460 feet	Head range 扬程范围: 30 - 200 m 100 - 660 feet
Flow rate range 流量范围: 125 - 1250 m ³ /h 550 - 5500 USgpm	Flow rate range 流量范围: 150 - 1500 m ³ /h 660 - 6600 USgpm
Medium temperature range 介质温度范围:	
With standard mechanical seal, max. medium temperature is up to 100 °C / 212 °F 采用标准机械轴封，最高温度可达 100 °C / 212 °F	
With special mechanical seal or configuration, max. medium temperature is up to 220 °C / 428 °F 采用特殊机械轴封或结构，最高温度可达 220 °C / 428 °F	

- High efficiency: energy-saving products, new optimized hydraulic model (high-order equation G2-A surface design method), improve efficiency and cavitation performance
- Volute adopts space guide vane, high efficiency, radial balance, low vibration, low noise and high reliability
- Maintenance-free, no centering needed, no need to disassemble the pump body and motor for changing the seal
- Low submerged depth requirements
- Modular design, flexible configuration
- Two-way detachable, shorter time for removing or replacing parts
- Space saving
- 高效率：节能产品，全新优化的水力模型（高阶方程G2-A面设计方法），提高了效率和汽蚀性能
- 蜗壳采用空间导叶，高效率、径向平衡、低振动、低噪音和高可靠性
- 免维护，无需对中，换机封无需拆卸泵体和电机
- 低的淹没深度要求
- 模块化设计，配置灵活多样
- 双向可拆卸，拆卸或更换零部件时间短
- 省空间



Material and configuration 材料和配置

Pump Casing	Cast iron, ductile iron, bronze, nickel aluminum bronze, 304, 316, duplex stainless steel
Impeller	Cast iron, ductile iron, nickel aluminum bronze, 304, 316, duplex stainless steel
Wear Ring	Composite materials, bronze, 316, CR6100
Shaft	Carbon steel, 304, 316, duplex stainless steel, super duplex stainless steel
Shaft Seal	Single / double mechanical seal, oil seal, cartridge mechanical seal, gland packing
泵壳	铸铁、球铁、青铜、镍铝青铜、304、316、双相不锈钢
叶轮	铸铁、球铁、镍铝青铜、304、316、双相不锈钢
密封环、滑动轴承	复合材料、青铜、316、CR6100
轴	碳钢、304、316、双相不锈钢、超级双相不锈钢
轴封	单端面/双端面机械密封、集装机封、填料