

## PUTRONS VL/VLH-E – Magnetic Vertical / Horizontal Single Stage Pump 浦川磁力立式/卧式单级离心泵

- The traditional and backward design method of grid conformal transformation blade is outdated, and the 3D high-order A-plane direct design method is adopted
- Lower NPSH and higher efficiency
- The pump will not be overloaded during entire operating range, and there is no hump in the head curve
- Better inlet and outlet channel design, shorter inlet and outlet flange distance
- Larger pumps adopt double volute design, which greatly reduces the radial force and the weight of the pump casing
- Easy installation, easy maintenance, lower maintenance cost
- Higher efficiency and higher reliability
- Simple & compact, flexible and diverse configuration



- 淘汰传统落后的网格保角变换叶片设计方法,采用3D高阶A面直接设计方法
- 更低的汽蚀余量和更高的效率
- 全扬程不过载,流量扬程性线无驼峰设计
- 更合理的进出口流道设计,更短的进出口法兰距离
- 大泵采用双蜗壳设计,大大减小泵的径向力和泵壳的重量
- 安装简便,易维护,更低维护成本
- 高效率 高可靠性
- 简洁、紧凑,配置灵活多样



50 Hz	60 Hz
Head range: 5 - 90 m 15 - 300 feet	Head range: 5 - 130 m 15 - 430 feet
Flow rate range: > 2 m <sup>3</sup> /h > 9 US gpm	Flow rate range: > 3 m <sup>3</sup> /h > 13 US gpm
Medium temperature range: • -110 °C ~ 200 °C • -166 °F ~ 392 °F	

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