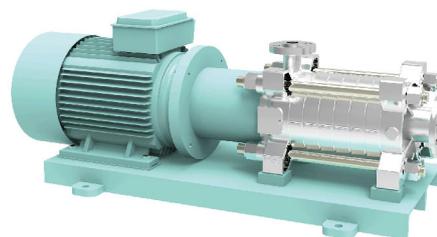


## PUTRONS MH-E/ MB-E- Magnetic Multi-stage Centrifugal Pump 浦川磁力节段式多级离心泵

- The modular design of the PUTRONS MB E/MH E magnetic stage casing pump to meet the needs of a reliable pump with zero leakage for larger capacity and higher pressure
- The direction of inlet and outlet can be flexibly changed
- Radial diffuser design, radial force balance
- Symmetrical cylindrical casting casing, higher pressure bearing capacity and deformation resistance
- Higher efficiency and higher reliability
- Flexible and diverse configuration



- 浦川模块化设计的MBE/MHE磁力节段式磁力多级泵可以满足更大的流量和压力、零泄漏、以及可靠性的需求
- 进口和出口的方向可灵活改变
- 径向导叶设计, 径向力平衡
- 铸件对称圆柱型壳体, 更高的承压能力和抗变形能力
- 高效率, 高可靠性
- 配置灵活多样

50 Hz	60 Hz
Head range: 100 - 500 m 330 - 1640 feet	Head range: 140 - 600 m 460 - 1970 feet
Flow rate range: 20 - 200 m <sup>3</sup> /h 88 - 880 US gpm	Flow rate range: 25 - 250 m <sup>3</sup> /h 110 - 1100 US gpm
Medium temperature range: • -110 °C ~ 200 °C • -166 °F ~ 392 °F	

50 Hz	60 Hz
扬程范围: 100 - 500 m 330 - 1640 feet	扬程范围: 140 - 600 m 460 - 1970 feet
流量范围: 20 - 200 m <sup>3</sup> /h 88 - 880 US gpm	流量范围: 25 - 250 m <sup>3</sup> /h 110 - 1100 US gpm
介质温度范围: • -110 °C ~ 200 °C; • -166 °F ~ 392 °F;	

## PUTRONS TVL-E – Magnetic Vertical 2-stage Centrifugal Pump 浦川磁力立式二级离心泵

- The traditional and backward design method of grid conformal transformation blade is outdated, and the 3D high-order A-plane direct design method is adopted
- The impeller is symmetrically up and down arranged – axial force is balanced
- 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 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
- 叶轮上下对称布置, 轴向力平衡设计
- 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 - 180 m 15 - 600 feet	Head range: 5 -260 m 15 - 860 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	

50 Hz	60 Hz
扬程范围: 5 - 180 m 15 - 600 feet	扬程范围: 5 -260 m 15 - 860 feet
流量范围: > 2 m <sup>3</sup> /h > 9 US gpm	流量范围: > 3 m <sup>3</sup> /h > 13 US gpm
介质温度范围: • -110 °C ~ 200 °C; • -166 °F ~ 392 °F;	