

## PUTRONS VL-TE/VLH-ME - Magnetic Multi-stage Strong Self-priming Centrifugal Pump 浦川磁力强自吸多级离心泵

- Developed specially for low-carbon clean methanol fuel
- Invention patented product, many technical indicators are world-leading
- Better cavitation performance without inducer - NPSHr as low as 0.5 meter
- Self-priming height up to 9.5 meters
- Lower methanol suction liquid level, cleaner extraction
- Balanced axial and radial forces, lower vibration and noise, longer life
- Magnetic cylinder and isolation cover are located in the low-pressure area - higher reliability
- The heights of pump inlet/outlet for vertical pumps are the same, and the horizontal inlet and outlet are on the same pump casing
- Fully cast pump body, stronger anti-deformation ability
- Can be installed vertically and horizontally
- Easy installation, easy maintenance, lower maintenance cost
- Higher efficiency and higher reliability
- Simple & compact, flexible and diverse configuration



- 专为低碳清洁甲醇燃料开发
- 发明专利产品, 多项技术指标全球领先
- 无需诱导轮即可实现更佳汽蚀性能 - NPSHr低至0.5米
- 自吸高度可达9.5米
- 更低的甲醇抽吸液面, 抽吸更干净
- 轴向力和径向力深度平衡, 更低的振动和噪音, 更长的寿命
- 磁缸和隔离罩位于低压区, 可靠性更高
- 立式泵的泵进出口同一管线上, 卧式进出口在同一泵壳上
- 全铸造泵体, 抗变形能力更强
- 可立式和卧式安装
- 安装简便, 易维护, 低维护成本
- 高效率, 高可靠性
- 简洁、紧凑、小巧, 配置灵活多样

50 Hz	60 Hz
Head range: 40 - 225 m 131 - 738 feet	Head range: 57 - 325 m 189 - 1063 feet
Flow rate range: > 0.5 m <sup>3</sup> /h > 2.2 US gpm	Flow rate range: > 0.6 m <sup>3</sup> /h > 2.6 US gpm
Medium temperature range: • -110 °C ~ 200 °C • -166 °F ~ 392 °F	

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