

Heating Jacket 保温夹套

The heating jacket can be used with steam, hot oil or other fluids to maintain the temperature of the medium in the valve.

The jacketed valve is classified into full jacket and partial jacket (half jacket).

A full jacket can heat the entire valve body including the flange root, and a partial jacket (half jacket) can heat the entire valve body except the flange root of the valve body to prevent the fluid in the valve from condensing due to temperature drop, resulting in condensation or viscosity increase, and to keep the fluid temperature in the valve, so as to ensure that the medium in the valve can work normally.

保温夹套，即用蒸汽或热油等流体在夹套中流动对阀门进行加热保温以维系阀门内介质的温度。

保温夹套分为全保温夹套、部分保温夹套（半夹套），

全保温夹套能够对包括法兰根部在内的整个阀体进行保温加热，部分保温夹套（半夹套）能够对除阀体的法兰根部外的整个阀体进行保温加热，以防止阀内流体因温度下降而凝结，产生凝液或粘度升高，以及为保持阀内流体温度稳定从而确保阀内介质能够正常工作。



Advantages 优点

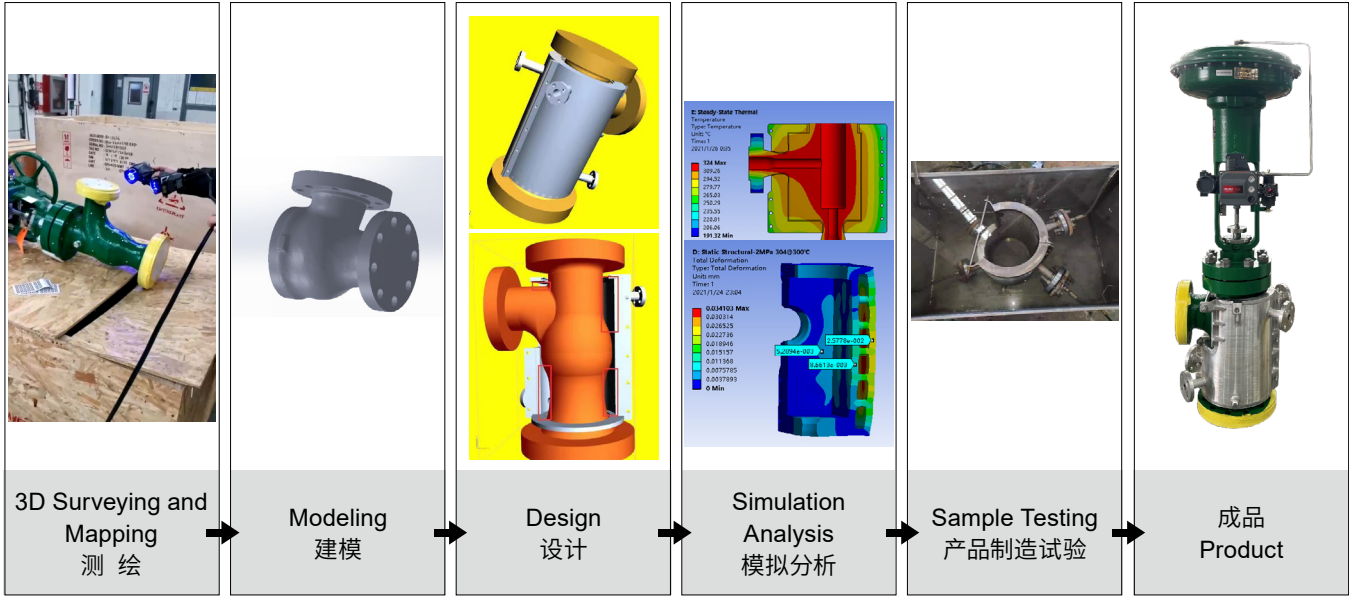
- Ensure product safety
确保产品安全性
- Improve the customer's operating economy
客户的运营经济性提升

Technical Specification 技术规格

- Design 设计 ASME BPVC VIII-1
- Service 适用介质 Steam/ Hot oil/ Hot water
蒸汽 / 热油 / 热水
- Structural Forms 夹套结构形式 Two-piece half-jacket & full jacket, welded half-jacket & full jacket
两片式半夹套 / 两片式全夹套 / 焊接式半夹套 / 焊接式全夹套
- Temperature & Pressure 保温介质 Steam $\leq 370^{\circ}\text{C}$, $\leq 2\text{MPa}$
Hot Oil $\leq 200^{\circ}\text{C}$, $\leq 1\text{Mpa}$
蒸汽: $\leq 370^{\circ}\text{C}$, $\leq 2\text{Mpa}$
热油: $\leq 200^{\circ}\text{C}$, $\leq 1\text{Mpa}$
- Product 适用产品 Control Valve, Ball Valve, Butterfly Valve
控制阀、球阀、蝶阀

Heating Jacket Design and Production Process 保温夹套设计生产流程

Surveying and Mapping - Modeling - Design - Simulation Analysis - Sample Testing - Production
 测绘 - 建模 - 设计 - 模拟分析 - 样品测试 - 生产



If the valve needs to be insulated, configure a jacket.
 阀门需要保温时, 配置夹套

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