

阻火阀系列

Fire damper series

功能简介

ZHV系列是阻火阀应对实验室标准工况,实现对可燃流体燃烧时起到阻隔作用;阀门设计紧凑,在高压和低压环境中均表现出可靠性能,无死区的填料设计避免了流体介质残留,保证分析测试不受影响,保证阀门长寿命工作,长寿命、低扭矩、快速阻隔是阻火阀能广泛应用于实验仪器的基本要素。

Functional Introduction

The ZHV series is a fire-blocking valve that can meet the standard working conditions of laboratories and can block the combustion of flammable fluids. The valve is compact in design and exhibits reliable performance in both high-pressure and low-pressure environments. The dead-zone-free packing design avoids the residual fluid medium, ensures that the analysis and testing are not affected, and ensures that the valve has a long service life. Long life, low torque, and fast blocking are the basic elements that make fire-blocking valves widely used in experimental instruments.

性能特点

- 适用于氧气、氢气和其他可燃气体;
- 最高工作压力3000psig(207bar);
- 工作温度-20℃~200℃;
- 不锈钢材质适用于腐蚀性气体;

产品应用

- 组件测试;
- 实验分析、在线分析;
- 石油化工;
- 高压取样;
- 成套设备;

Product application

- Component testing;
- Experimental analysis, online analysis;
- Petrochemical;
- High-pressure sampling;
- Complete equipment;

Performance features

- Suitable for oxygen, hydrogen and other flammable gases;
- Maximum working pressure 3000psig (207bar);
- Working temperature -20℃~200℃;
- Stainless steel material is suitable for corrosive gases;

零件材料/Parts material

| 零件 /Parts | 材料 /Material |
|---------------|--------------|
| 阀体/Valve body | 316SS |
| 阀芯/Valve core | 316SS |
| O型圈/O-ring | FKM |
| 滤芯/Filter | 316SS |

选型指南/Selection Guide

| HF | | - | ZHV | - | K4F | |
|------|---------|---|-------|---|---------|-----|
| 阀门材料 | | | 阀门分类 | | 入口/出口端接 | |
| SS | 316L不锈钢 | | 阻火阀大类 | | 6mm | K6 |
| | | | | | 12mm | K12 |
| | | | | | 1/4in. | K4F |
| | | | | | 1/2in. | K8F |
| | | | | | 1/4NPT | NN4 |

测试/Test

阀门出厂前均经过1000psi (69bar) 氮气检漏, 阀座漏率不超过0.1std·cm³/min。

All valves are leak tested with 1000psi (69bar) nitrogen before leaving the factory, and the valve seat leakage rate does not exceed 0.1std·cm³/min.

应用及安全/Application and security

- 阻火阀不可调, 每个阀门出厂前均经过再关闭性能测试, 以保证在适当的再密封压力内关闭;
- 注意阀体上指示流体方向的箭头, 请勿使流体反向通过;
- 阻火阀只适用于控制流体单向通过, 有反向截止作用请勿当作单向阀使用。
- The fire arrester is not adjustable. Each valve is tested for reclosing performance before leaving the factory to ensure that it closes within the appropriate resealing pressure.
- Pay attention to the arrow on the valve body indicating the direction of the fluid. Do not allow the fluid to pass in the reverse direction.
- The fire arrester is only suitable for controlling the one-way passage of the fluid. Do not use it as a one-way valve if it has a reverse cut-off effect.

禁忌!/Prohibited!

- 用户在选型时需谨慎考虑材料兼容性、应用环境及产品参数等细节;
- 产品是否适用, 安装、操作、维护是否安全便利, 生产厂家和用户需各自承担相应的责任;
- 错误的选型、安装和使用可能会造成财产损失, 甚至危及人身安全。
- When selecting a product, users should carefully consider details such as material compatibility, application environment, and product parameters;
- Whether the product is applicable, and whether the installation, operation, and maintenance are safe and convenient, the manufacturer and the user shall each bear the corresponding responsibilities;
- Wrong selection, installation, and use may cause property loss and even endanger personal safety.

本册产品有未列出的规格和参数, 详情请咨询我们的销售工程师。

The products in this catalog have specifications and parameters not listed in this catalog.
Please consult our sales engineers for details.