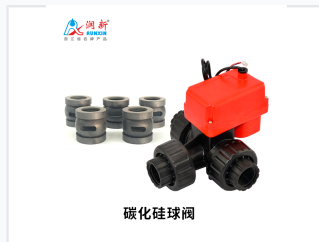


Silicon Carbide Industrial Ball Valve

This silicon carbide ball valve is engineered for superior performance in harsh industrial settings. It offers exceptional resistance to wear, corrosion, and high temperatures, ensuring a tight shut-off.



ADDITIONAL IMAGES



Product Overview

Industrial Silicon Carbide Ball Valve

This industrial-grade ball valve features a core fritted at 2200 , providing exceptional thermal stability and durability. It is specifically engineered to handle harsh chemical environments, including strong acids and alkalis, while offering superior resistance to abrasion and thermal shock. With a low coefficient of friction and expansion, this valve ensures reliable and precise fluid control in demanding industrial applications.

Technical Specifications

Performance Metrics

2200

Fritting Temperature

12 V DC

Actuator Voltage

Mechanical Properties

- Low coefficient of friction
- Low coefficient of expansion
- Excellent thermal shock resistance
- Precision-machined ball and seat

Material Characteristics

High Hardness, Thermal Stability, Corrosion Resistant, Abrasion Resistant

Applications

Suitable Industries

Chemical Processing • Mining • Wastewater Treatment • Abrasive Fluid Handling