

Ceramic Lined Pneumatic Floating Ball Valve

This ceramic lined pneumatic ball valve features internal ceramic parts that provide excellent wear resistance. The ceramic ball valve is used for on/off and throttling control in corrosive media with abrasive solids.



ADDITIONAL IMAGES



Product Overview

High-Performance Ceramic Lined Valve

This 3-piece floating ball valve is engineered with specialized ceramic internal parts to provide exceptional wear and corrosion resistance. Designed for demanding industrial applications, it excels in handling abrasive solids and corrosive media with a hardness rating exceeding HRC80. The floating ball design ensures a tight seal against the downstream seat, making it ideal for both open/close functions and throttling control.

Technical Specifications

Nominal Pressure	1.0 MPa, Class 150
Size Range	DN50 - DN200 (NPS 2 - NPS 8)
Max Working Temperature	200
Connection Type	Flange
Flange Standards	ASME B16.5, GB/T9113
Pressure Test Standards	GB/T13927, API598
Face to Face Standards	GB/T12221, API609

Material & Design

Ceramic Hardness

80 HRC

Hardness

Available Actuation Types

- Manual Lever
- Gear Box
- Pneumatic Actuator
- Electric Actuator
- Hydraulic Actuator

Sealing Surface Material

Engineering Ceramic

Applications

Suitable Media & Applications

Silicon Powder • Alumina Powder • Dry Coal Powder • Limestone Slurry • Gypsum Slurry • Plaster • Fly Ash • Mining Ore • Coal Powder Injection • Metallurgical Dust • FGD Systems • LiCoO₂ Powder