

Pneumatic Ceramic Lined Floating Ball Valve

This pneumatic ceramic lined floating ball valve features engineering ceramic internal parts for exceptional wear resistance. It is widely used for on/off and throttling control in corrosive media with abrasive solids.



ADDITIONAL IMAGES



Product Overview

High-Performance Ceramic Lined Solution

Engineered with advanced ceramics, this floating ball valve provides exceptional wear resistance for demanding industrial environments. It is specifically designed for throttling control and open/close functions in systems handling corrosive media or abrasive solids. The floating ball design ensures a tight seal against the downstream seat, while the pneumatic actuator enables reliable remote operation and precise process control.

Technical Specifications

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

Design & Materials

Actuation Options

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

Sealing Surface Material

Engineering Ceramic

Ceramic Hardness

> HRC80

Applications

Suitable Media

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