

Flanged Ceramic Lined Ball Valve

This ceramic-lined ball valve features flanged connections for easy installation. The ceramic internal parts provide excellent wear resistance for open/close and throttling control in corrosive media with abrasive solids.



ADDITIONAL IMAGES



Product Overview

High-Performance Ceramic Lined Ball Valve

Designed for the most demanding industrial environments, this flanged ceramic-lined ball valve offers exceptional wear and corrosion resistance. Utilizing advanced engineering ceramics, the internal components withstand abrasive solids and corrosive media, making it ideal for applications like mining ore, coal powder injection, and chemical processing. The floating ball design ensures a tight, reliable seal under differential pressure, while flexible actuation options allow for precise flow control.

Technical Specifications

Nominal Pressure	1.0 MPa, Class 150
Size Range	DN50 - DN200 (NPS 2 - NPS 8)
Max Working Temperature	200 °C
Connection Type	Flange
Sealing Surface Material	Engineering Ceramic
Operating Types	Manual, Pneumatic, Electric, Hydraulic

Standards & Compliance

Compliance Standards

Category	Standards
Flange Ends	ASME B16.5, GB/T9113
Pressure Test	GB/T13927, API598
Face to Face	GB/T12221, API609

Application

Suitable Applications

- Silicon Powder
- Alumina Powder
- Dry Coal Powder
- Limestone Slurry
- Gypsum Slurry
- Plaster
- Fly Ash
- Mining Ore
- Coal Powder Injection
- Metallurgical dust
- Thermal Power plant FGD
- LiCoO₂ powder

Product Features

Key Performance Features

Hardness > HRC80 • Floating Ball Design • Corrosion Resistant • Abrasive Resistant • V-Type Control Available