

# Ceramic Ball Valve with Abrasion Resistant Flange

This ceramic ball valve is engineered with ceramic internal parts for exceptional wear resistance. It is designed for open/close and throttling control in corrosive media containing abrasive solids.



## ADDITIONAL IMAGES



## Product Overview

### Industrial Ceramic Ball Valve

Engineered for extreme environments, these ceramic ball valves provide superior protection against corrosive and abrasive media. The internal ceramic components, boasting a hardness exceeding HRC80, ensure long-term durability in challenging tasks like slurry handling and throttling control. Featuring a floating ball design for reliable sealing, these valves are an essential component for high-wear industrial applications.

## Technical Specifications

### Nominal Pressure

**1 MPa**  
Pressure

Size Range	DN50 to DN200 (NPS2 to NPS8)
Max Temperature	200 °C
Connection Type	Flange
Flange Standards	ASME B16.5, GB/T9113

## Construction

### Material Specifications

- Sealing surface: Engineering ceramic
- Ceramic hardness: >HRC80
- Design: Floating ball

### Available Actuation

Manual • Pneumatic • Electric • Hydraulic

## Standards & Compliance

### Testing Standards

Standard Type	Reference
Pressure Test	GB/T13927, API598
Face to Face	GB/T12221, API609

## Applications

### Industry Applications

Silicon Powder, Alumina Powder, Dry Coal Powder, Limestone Slurry, Gypsum Slurry, Fly Ash, Mining Ore, Thermal Power