

Wafer Type Ceramic Butterfly Valve

Wafer type ceramic butterfly valves are lightweight and easy to install. The disc sealing ring and seat are constructed from high-performance ceramics, such as 99% Alumina, Zirconia, and Tungsten carbide, offering excellent chemical resistance and durability.



ADDITIONAL IMAGES



Product Overview

Industrial Ceramic Butterfly Valve

This wafer-type butterfly valve is engineered for the most demanding control environments, featuring high-performance ceramic components for superior resistance to cavitation and abrasion. With materials 6-8 times harder than stainless steel, it offers exceptional longevity in harsh applications like mining slurries and abrasive dust. Its lightweight wafer design ensures easy installation, providing reliable flow control with significantly reduced maintenance costs.

Technical Specifications

Temperature Range

0

Minimum Temperature

200

Maximum Temperature

Size Range

NPS2 to NPS12 / DN100 to DN300

Pressure Range

PN6 to PN25

Materials and Construction

Body Materials

- WCB
- CF8
- CF8M
- CF3
- CF3M

Sealing Materials

99% Alumina, Zirconia, Tungsten Carbide

Performance and Compliance

Suitable Applications

- Bauxite
- Mining Slag
- Coal Washing
- Ash Slurry
- Grain
- Quartz Sand
- Metallurgical Dust

Compliance Standards

Requirement	Standard
Pressure Test	GB/T13927, API598
Face to Face	GB/T12221, ASME B16.10
Valve Body	GB/T12224, ASME B16.34

Operating Options

Manual • Pneumatic