

Pneumatic Ceramic Disc Butterfly Valve

This pneumatic butterfly valve features a ceramic disc and seat for superior abrasion and chemical resistance. Its wafer type design allows for easy installation and is suitable for a variety of industrial processes.



ADDITIONAL IMAGES



Overview

High-Performance Ceramic Butterfly Valve

Engineered for the harshest control environments, this pneumatic ceramic butterfly valve offers superior resistance to cavitation and abrasive media. Utilizing high-performance ceramic materials for the disc and seat, it delivers 6-8 times the hardness of stainless steel, ensuring significantly longer service life and reduced maintenance costs. The wafer-style design facilitates easy installation, while the pneumatic actuator enables seamless remote or local control for automated industrial processes.

Performance Metrics

Key Performance Metrics

200 °C

Max Temperature

25 PN

Max Pressure

Technical Specifications

Technical Data

Parameter	Specification
Size Range	NPS2 - NPS12 (DN100 - DN300)
Pressure Range	PN6 - PN25
Temperature Range	0 - 200°C
Connection Type	Flange, Wafer
Sealing Material	Engineering Ceramics
Body Materials	WCB, CF8, CF8M, CF3, CF3M

Features

Key Features

- Ceramic disc and seat materials (Alumina, Zirconia, Tungsten Carbide)
- Excellent resistance to cavitation and chemical corrosion
- Wafer type design for lightweight, easy installation
- Pneumatic operation for remote/local control
- Fail-safe capability with single-acting cylinder
- Inherent adjustable performance characteristics

Application

Recommended Applications

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

Logistics

Commercial Information

Term	Details
Price Range	500-5000 USD/set
Price Terms	FOB, CIF, FCA, CFR
Payment Terms	TT, LC
Delivery Time	30 days
Origin	China