

Electric Bonnet Knife Gate Valve

This electric bonnet knife gate valve is also known as a slurry gate valve. The unidirectional valve features a completely enclosed body-bonnet structure that ensures zero leakage from the knife gate.



Product Overview

High-Performance Knife Gate Valve

This electric bonnet knife gate valve is engineered for industrial automation control systems requiring frequent operation and strict environmental standards. Its fully enclosed design isolates the gate from the exterior environment, while the hard chromium-coated disc ensures exceptional abrasion and corrosion resistance. The valve features a replaceable, adjustable seat that compensates for wear, making it a reliable solution for industries such as petrochemical, sewage treatment, and steel processing.

Technical Specifications

Operating Temperature

200 °C

Max Temperature

Size Range	NPS 2 - NPS 48 / DN 50 - DN 1200
Pressure Rating	Class 150, PN6, PN10
Connection Type	Wafer

Materials

Body Material

Carbon Steel • Stainless Steel

Sealing Material

Rubber • PTFE

Disc Material

Stainless Steel

Operational Features

Operating Modes

- Hand wheel
- Bevel Gear
- Pneumatic
- Electric
- Hydraulic

Compliance & Standards

Pressure Test Standards

- GB/T13927
- API598

Design & Dimension Standards

Standard Type	Reference
Face to Face	GB/T12221, API609
Valve Body	GB/T12224, ASME B16.34