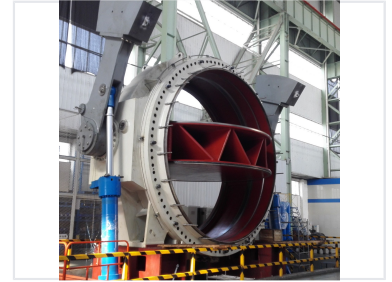


Turbine Inlet Butterfly Valve

Inlet butterfly valve integrates mechanical, hydraulic, and electric systems for high-performance flow regulation. The double eccentric butterfly disc design ensures operational safety and efficient hydraulic characteristics.



ADDITIONAL IMAGES



Product Overview

Industrial Turbine Inlet Butterfly Valve

This high-performance turbine inlet butterfly valve is engineered to protect and ensure the safe operation of turbine units by isolating the upstream water source. It serves as a critical safety mechanism during maintenance or emergency scenarios, such as runaway speed conditions, by effectively cutting off flow from the spiral case. The valve utilizes a double-eccentric disc design to ensure structural integrity and high flow efficiency, combined with advanced hydraulic and electric control systems for maximum reliability.

Technical Design

Available Seal Options

- Single seal (Rubber or Metal)
- Double seal (Rubber service seal and Metal maintenance seal)

Operational Types

Accumulator Driven, Counterweight Driven

Performance Features

Key Engineering Benefits

- Double eccentric disc design for high safety factor
- Double-plate over-flow disc for low flow resistance
- Self-tightening trunnion end seal
- Integrated manifold block for high reliability
- Remote fault diagnosis capability

Control Systems

Control Features

Dual Power Supply • Dual Control Mode • Remote Fault Diagnosis

Safety Mechanisms

Bypass and Protection

The system features a needle-type bypass valve specifically designed to dissipate energy effectively. This prevents harmful impacts to downstream components during emergency shutdowns.