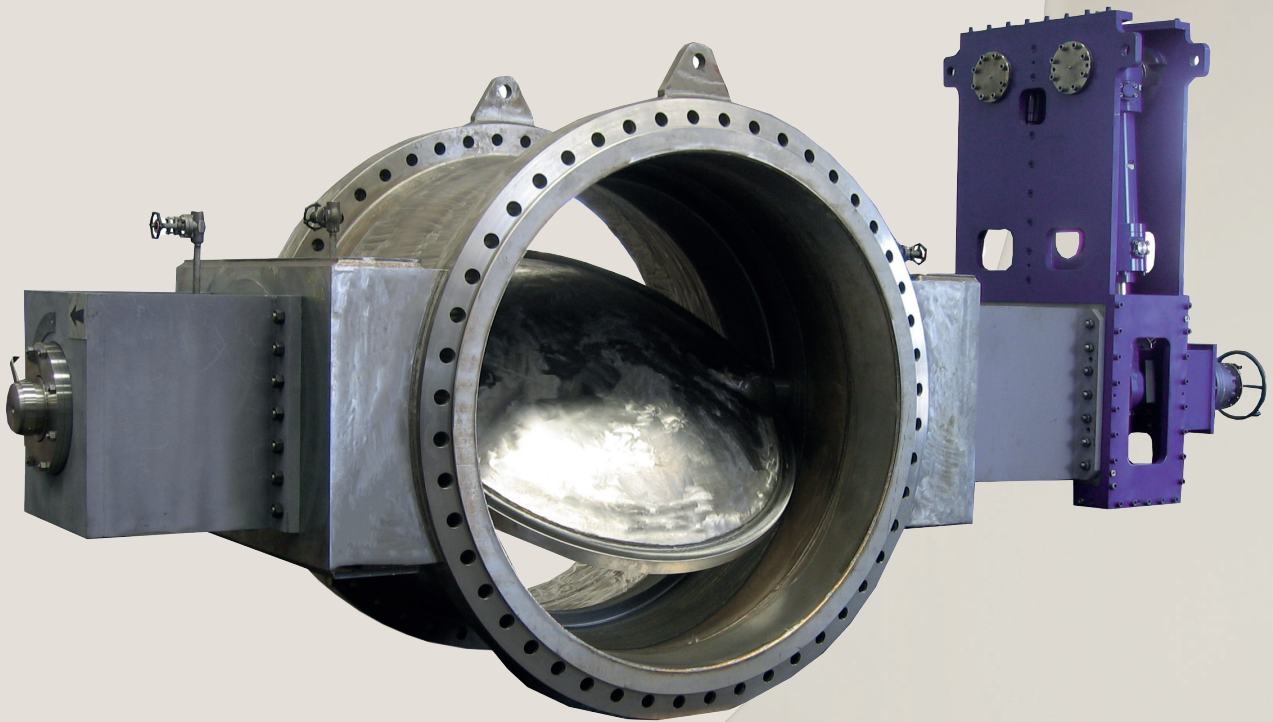


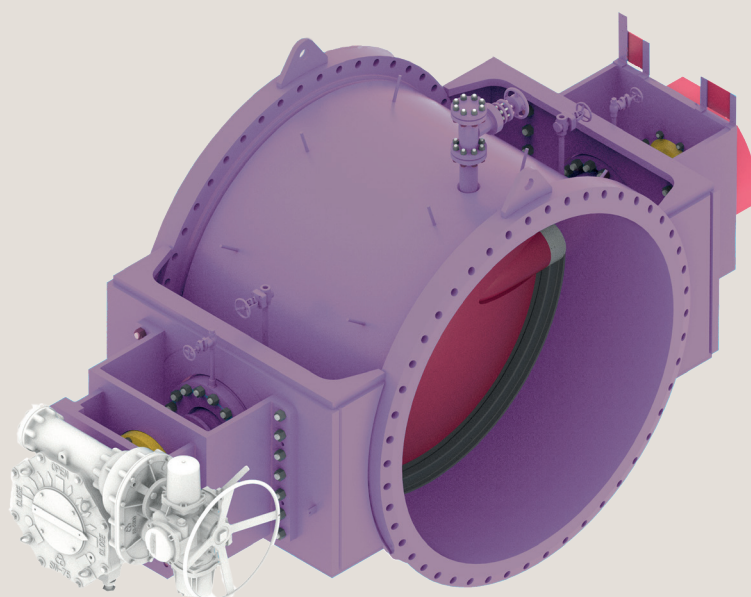


Process Automation

IMI Remosa
Butterfly Valves



Breakthrough
engineering for
a better world



Flue Gas

Butterfly valves

IMI Butterfly Valves are specifically designed to provide high precision, shut-off and isolation of power recovery train (PRT).

Custom designed: They can be adapted to customer specifications without requiring significant structural modifications.

Reliable: With hundreds of installations worldwide, design has been extensively tested and proven.

Approved by main FCC process licensors: This ensures their quality and compliance with world class specifications.

Easy to maintain: All wear-prone components can be easily replaced.

Finite Element Analysis: The valve body undergoes advanced analysis to ensure maximum strength and durability.

High-Quality Materials: Critical components are made from materials highly resistant to erosion and high temperatures.

Leakage class: up to Class II.

Product specifications

Customised sizes: IMI Remosa Butterfly Valves can be tailored to various sizes, ranging from 8 inches to 150 inches. To protect against erosion, these valves use high-end materials and special alloys. The erosion protection lining is designed to withstand key stresses, assuring the longevity and reliability of the valves.

Pressure: Up to 5,5 bar and more.
Temperature: Up to 960°C (1760°F).

Fast-Acting Shut-Off valves: IMI butterfly valves respond quickly, with a shut-off time of less than 0,4 seconds. This rapid action ensures turbine protection.

Wide Range of Control: These valves allow precise regulation of process flow. Whether you need to throttle the flow or shut it off completely, IMI valves provide flexibility.

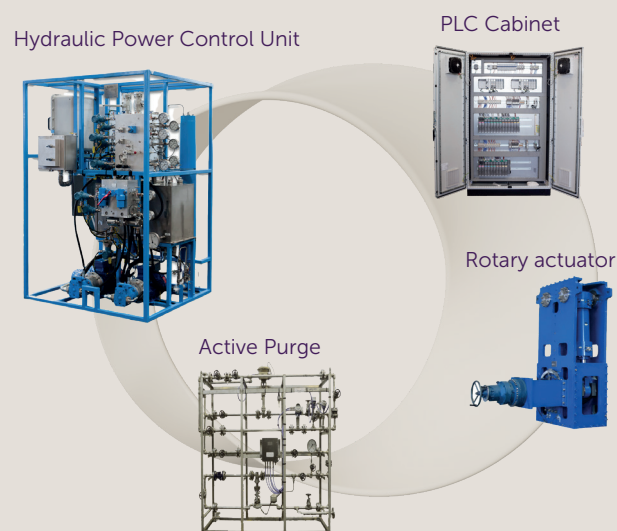
Hard-Faced Seat and Seat Area: The valve's seat and seat area are made from hard-wearing materials. This design ensures durability and resistance to wear, even in demanding conditions.

High-Performance Nickel Alloy Shaft: The shaft is made of a high-performance nickel alloy, which enhances its strength and corrosion resistance.

Third-party certification up to SIL 3 available upon request.

Full package solution

IMI's engineering experts have developed integrated packages that combine valves, actuators, and hydraulic power control units. These packages are tailored to meet customer needs for high-temperature and erosive applications. The goal is to provide a comprehensive solution that ensures optimal performance and reliability in demanding process conditions.



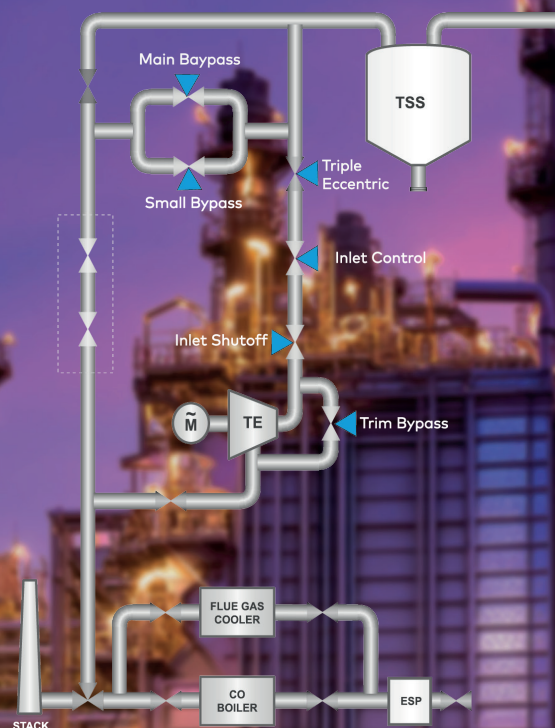
Benefits

IMI Butterfly Valves are the result of years of design and experience working with the end users and turbine manufacturers. They play a crucial role in regulating gas flow to power recovery turbines, providing full control over essential equipment.

Versatile valve control: the valves support both automatic throttling action and remote control. Operators can easily switch between automatic and manual modes, providing operational flexibility.

High temperature Capability: IMI Butterfly Valves are designed to work in extreme temperatures up to 960°C (1760°F).

Application example



Process Automation

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