

Butterfly Valve Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented, By Type (High Performance Butterfly Valves and Lined Butterfly Valves), By Mechanism (Centric Butterfly Valves and Eccentric Butterfly Valves), By End-User (Oil & Gas, Electric Power, Water & Wastewater, Chemical, and Others), By Region, By Competition, 2020-2030F

<https://marketpublishers.com/r/B64A18A00ECBEN.html>

Date: June 2025

Pages: 180

Price: US\$ 4,500.00 (Single User License)

ID: B64A18A00ECBEN

Abstracts

Market Overview

The Global Butterfly Valve Market was valued at USD 11.56 Billion in 2024 and is projected to reach USD 15.53 Billion by 2030, growing at a CAGR of 4.89% during the forecast period. Butterfly valves are essential flow control devices used to regulate, isolate, and throttle fluids in pipelines, offering a compact and cost-efficient alternative to other valve types. Their simple structure—a rotating disc within the pipe—enables quick shut-off and control, making them ideal for industries such as oil and gas, water and wastewater, chemical processing, power generation, pharmaceuticals, and HVAC. The market is witnessing growth fueled by rising energy efficiency demands, increased urbanization, and infrastructure upgrades, particularly in developing regions. Advancements in materials and the adoption of smart valve technologies, including real-time monitoring and automation features, are further enhancing performance and durability. These innovations are expanding the market's reach, especially in sectors requiring high reliability and operational precision under harsh or corrosive conditions.

Key Market Drivers

Rapid Industrialization and Infrastructure Development in Emerging Economies

The butterfly valve market is being significantly driven by accelerating industrialization and expansive infrastructure development in emerging economies, especially across Asia and Africa. Countries like China and India are witnessing large-scale investment in sectors including oil and gas, power generation, and water treatment. This surge in industrial activity demands efficient and scalable flow control systems, with butterfly valves serving as a core component. Urbanization trends—such as the estimated migration of 1.5 billion people to urban centers by 2040—are fueling the construction of roads, buildings, and industrial facilities, all of which require robust fluid handling infrastructure. The market benefits from this momentum, with global infrastructure expenditure expected to surpass \$6.5 trillion by 2030. In parallel, the environmental implications of these developments underscore the need for energy-efficient and emission-conscious solutions, positioning butterfly valves as critical components in sustainable infrastructure systems.

Key Market Challenges

Supply Chain Disruptions and Lead Time Volatility

The butterfly valve industry is currently contending with severe supply chain challenges, marked by rising lead times and escalating logistics costs. Global events such as the 2023 Taiwan earthquake, which temporarily shut down key CNC facilities, and the Red Sea shipping crisis between 2023 and 2024, significantly disrupted production and transportation timelines. Lead times for valve deliveries increased from 32 to 58 days, and shipping costs surged over 300%, impacting production schedules and contract commitments. Compounding this, the Just-in-Time inventory model—used by over 70% of manufacturers—left many companies with limited buffer stock, exposing vulnerabilities in actuator and component availability. These disruptions emphasize the need for improved supply chain resilience through diversified sourcing, strategic inventory planning, and investment in logistics infrastructure to ensure continuity and adaptability in global valve manufacturing and distribution.

Key Market Trends

Integration of Smart Technologies and Automation

A major trend in the butterfly valve market is the rapid integration of smart technologies

and automation into valve systems. As industries transition toward Industry 4.0, the demand for valves equipped with sensors, IoT functionality, and automated actuation is rising. These smart valves enable real-time flow control, remote operation, and predictive maintenance—significantly improving system efficiency and reducing operational costs. The adoption of digital monitoring tools allows for early detection of faults and performance deviations, minimizing downtime. Manufacturers are increasingly focusing on R&D to enhance the functionality of high-performance butterfly valves, incorporating advanced sealing mechanisms and corrosion-resistant materials to meet the demands of harsh industrial environments. This technological shift is transforming butterfly valves into intelligent components within automated process networks, driving their uptake across critical industries such as oil and gas, chemical processing, and water management.

Key Market Players

Alfa Laval AB

AVK Group

Bray International, Inc.

Crane Company

Curtiss-Wright Corporation

DeZURIK

Emerson Electric Co.

Flowserve

Grundfos Pumps India Private Ltd.

Honeywell International Inc.

Report Scope:

In this report, the Global Butterfly Valve Market has been segmented into the following

Butterfly Valve Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented, By Type (H...

categories, in addition to the industry trends which have also been detailed below:

Butterfly Valve Market, By Type:

High Performance Butterfly Valves

Lined Butterfly Valves

Butterfly Valve Market, By Mechanism:

Centric Butterfly Valves

Eccentric Butterfly Valves

Butterfly Valve Market, By End-User:

Oil & Gas

Electric Power

Water & Wastewater

Chemical

Others

Butterfly Valve Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia-Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

Turkey

Competitive Landscape

Company Profiles: Detailed analysis of the major companies presents in the Global Butterfly Valve Market.

Available Customizations:

Global Butterfly Valve Market report with the given Market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional Market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
- 1.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Formulation of the Scope
- 2.4. Assumptions and Limitations
- 2.5. Sources of Research
 - 2.5.1. Secondary Research
 - 2.5.2. Primary Research
- 2.6. Approach for the Market Study
 - 2.6.1. The Bottom-Up Approach
 - 2.6.2. The Top-Down Approach
- 2.7. Methodology Followed for Calculation of Market Size & Market Shares
- 2.8. Forecasting Methodology
 - 2.8.1. Data Triangulation & Validation

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, and Trends

4. VOICE OF CUSTOMER

5. GLOBAL BUTTERFLY VALVE MARKET OUTLOOK

- 5.1. Market Size & Forecast

- 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Type (High Performance Butterfly Valves and Lined Butterfly Valves)
 - 5.2.2. By Mechanism (Centric Butterfly Valves and Eccentric Butterfly Valves)
 - 5.2.3. By End-User (Oil & Gas, Electric Power, Water & Wastewater, Chemical, and Others)
 - 5.2.4. By Region
- 5.3. By Company (2024)
- 5.4. Market Map

6. NORTH AMERICA BUTTERFLY VALVE MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Value
- 6.2. Market Share & Forecast
 - 6.2.1. By Type
 - 6.2.2. By Mechanism
 - 6.2.3. By End-User
 - 6.2.4. By Country
- 6.3. North America: Country Analysis
 - 6.3.1. United States Butterfly Valve Market Outlook
 - 6.3.1.1. Market Size & Forecast
 - 6.3.1.1.1. By Value
 - 6.3.1.2. Market Share & Forecast
 - 6.3.1.2.1. By Type
 - 6.3.1.2.2. By Mechanism
 - 6.3.1.2.3. By End-User
 - 6.3.2. Canada Butterfly Valve Market Outlook
 - 6.3.2.1. Market Size & Forecast
 - 6.3.2.1.1. By Value
 - 6.3.2.2. Market Share & Forecast
 - 6.3.2.2.1. By Type
 - 6.3.2.2.2. By Mechanism
 - 6.3.2.2.3. By End-User
 - 6.3.3. Mexico Butterfly Valve Market Outlook
 - 6.3.3.1. Market Size & Forecast
 - 6.3.3.1.1. By Value
 - 6.3.3.2. Market Share & Forecast
 - 6.3.3.2.1. By Type

6.3.3.2.2. By Mechanism

6.3.3.2.3. By End-User

7. EUROPE BUTTERFLY VALVE MARKET OUTLOOK

7.1. Market Size & Forecast

7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By Type

7.2.2. By Mechanism

7.2.3. By End-User

7.2.4. By Country

7.3. Europe: Country Analysis

7.3.1. Germany Butterfly Valve Market Outlook

7.3.1.1. Market Size & Forecast

7.3.1.1.1. By Value

7.3.1.2. Market Share & Forecast

7.3.1.2.1. By Type

7.3.1.2.2. By Mechanism

7.3.1.2.3. By End-User

7.3.2. United Kingdom Butterfly Valve Market Outlook

7.3.2.1. Market Size & Forecast

7.3.2.1.1. By Value

7.3.2.2. Market Share & Forecast

7.3.2.2.1. By Type

7.3.2.2.2. By Mechanism

7.3.2.2.3. By End-User

7.3.3. Italy Butterfly Valve Market Outlook

7.3.3.1. Market Size & Forecast

7.3.3.1.1. By Value

7.3.3.2. Market Share & Forecast

7.3.3.2.1. By Type

7.3.3.2.2. By Mechanism

7.3.3.2.3. By End-User

7.3.4. France Butterfly Valve Market Outlook

7.3.4.1. Market Size & Forecast

7.3.4.1.1. By Value

7.3.4.2. Market Share & Forecast

7.3.4.2.1. By Type

- 7.3.4.2.2. By Mechanism
- 7.3.4.2.3. By End-User
- 7.3.5. Spain Butterfly Valve Market Outlook
 - 7.3.5.1. Market Size & Forecast
 - 7.3.5.1.1. By Value
 - 7.3.5.2. Market Share & Forecast
 - 7.3.5.2.1. By Type
 - 7.3.5.2.2. By Mechanism
 - 7.3.5.2.3. By End-User

8. ASIA-PACIFIC BUTTERFLY VALVE MARKET OUTLOOK

- 8.1. Market Size & Forecast
 - 8.1.1. By Value
- 8.2. Market Share & Forecast
 - 8.2.1. By Type
 - 8.2.2. By Mechanism
 - 8.2.3. By End-User
 - 8.2.4. By Country
- 8.3. Asia-Pacific: Country Analysis
 - 8.3.1. China Butterfly Valve Market Outlook
 - 8.3.1.1. Market Size & Forecast
 - 8.3.1.1.1. By Value
 - 8.3.1.2. Market Share & Forecast
 - 8.3.1.2.1. By Type
 - 8.3.1.2.2. By Mechanism
 - 8.3.1.2.3. By End-User
 - 8.3.2. India Butterfly Valve Market Outlook
 - 8.3.2.1. Market Size & Forecast
 - 8.3.2.1.1. By Value
 - 8.3.2.2. Market Share & Forecast
 - 8.3.2.2.1. By Type
 - 8.3.2.2.2. By Mechanism
 - 8.3.2.2.3. By End-User
 - 8.3.3. Japan Butterfly Valve Market Outlook
 - 8.3.3.1. Market Size & Forecast
 - 8.3.3.1.1. By Value
 - 8.3.3.2. Market Share & Forecast
 - 8.3.3.2.1. By Type

- 8.3.3.2.2. By Mechanism
- 8.3.3.2.3. By End-User
- 8.3.4. South Korea Butterfly Valve Market Outlook
 - 8.3.4.1. Market Size & Forecast
 - 8.3.4.1.1. By Value
 - 8.3.4.2. Market Share & Forecast
 - 8.3.4.2.1. By Type
 - 8.3.4.2.2. By Mechanism
 - 8.3.4.2.3. By End-User
- 8.3.5. Australia Butterfly Valve Market Outlook
 - 8.3.5.1. Market Size & Forecast
 - 8.3.5.1.1. By Value
 - 8.3.5.2. Market Share & Forecast
 - 8.3.5.2.1. By Type
 - 8.3.5.2.2. By Mechanism
 - 8.3.5.2.3. By End-User

9. SOUTH AMERICA BUTTERFLY VALVE MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Value
- 9.2. Market Share & Forecast
 - 9.2.1. By Type
 - 9.2.2. By Mechanism
 - 9.2.3. By End-User
 - 9.2.4. By Country
- 9.3. South America: Country Analysis
 - 9.3.1. Brazil Butterfly Valve Market Outlook
 - 9.3.1.1. Market Size & Forecast
 - 9.3.1.1.1. By Value
 - 9.3.1.2. Market Share & Forecast
 - 9.3.1.2.1. By Type
 - 9.3.1.2.2. By Mechanism
 - 9.3.1.2.3. By End-User
 - 9.3.2. Argentina Butterfly Valve Market Outlook
 - 9.3.2.1. Market Size & Forecast
 - 9.3.2.1.1. By Value
 - 9.3.2.2. Market Share & Forecast
 - 9.3.2.2.1. By Type

- 9.3.2.2.2. By Mechanism
- 9.3.2.2.3. By End-User
- 9.3.3. Colombia Butterfly Valve Market Outlook
 - 9.3.3.1. Market Size & Forecast
 - 9.3.3.1.1. By Value
 - 9.3.3.2. Market Share & Forecast
 - 9.3.3.2.1. By Type
 - 9.3.3.2.2. By Mechanism
 - 9.3.3.2.3. By End-User

10. MIDDLE EAST AND AFRICA BUTTERFLY VALVE MARKET OUTLOOK

- 10.1. Market Size & Forecast
 - 10.1.1. By Value
- 10.2. Market Share & Forecast
 - 10.2.1. By Type
 - 10.2.2. By Mechanism
 - 10.2.3. By End-User
 - 10.2.4. By Country
- 10.3. Middle East and Africa: Country Analysis
 - 10.3.1. South Africa Butterfly Valve Market Outlook
 - 10.3.1.1. Market Size & Forecast
 - 10.3.1.1.1. By Value
 - 10.3.1.2. Market Share & Forecast
 - 10.3.1.2.1. By Type
 - 10.3.1.2.2. By Mechanism
 - 10.3.1.2.3. By End-User
 - 10.3.2. Saudi Arabia Butterfly Valve Market Outlook
 - 10.3.2.1. Market Size & Forecast
 - 10.3.2.1.1. By Value
 - 10.3.2.2. Market Share & Forecast
 - 10.3.2.2.1. By Type
 - 10.3.2.2.2. By Mechanism
 - 10.3.2.2.3. By End-User
 - 10.3.3. UAE Butterfly Valve Market Outlook
 - 10.3.3.1. Market Size & Forecast
 - 10.3.3.1.1. By Value
 - 10.3.3.2. Market Share & Forecast
 - 10.3.3.2.1. By Type

- 10.3.3.2.2. By Mechanism
- 10.3.3.2.3. By End-User
- 10.3.4. Kuwait Butterfly Valve Market Outlook
 - 10.3.4.1. Market Size & Forecast
 - 10.3.4.1.1. By Value
 - 10.3.4.2. Market Share & Forecast
 - 10.3.4.2.1. By Type
 - 10.3.4.2.2. By Mechanism
 - 10.3.4.2.3. By End-User
- 10.3.5. Turkey Butterfly Valve Market Outlook
 - 10.3.5.1. Market Size & Forecast
 - 10.3.5.1.1. By Value
 - 10.3.5.2. Market Share & Forecast
 - 10.3.5.2.1. By Type
 - 10.3.5.2.2. By Mechanism
 - 10.3.5.2.3. By End-User

11. MARKET DYNAMICS

- 11.1. Drivers
- 11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

- 12.1. Merger & Acquisition (If Any)
- 12.2. Product Launches (If Any)
- 12.3. Recent Developments

13. COMPANY PROFILES

- 13.1. Alfa Laval AB
 - 13.1.1. Business Overview
 - 13.1.2. Key Revenue and Financials
 - 13.1.3. Recent Developments
 - 13.1.4. Key Personnel/Key Contact Person
 - 13.1.5. Key Product/Services Offered
- 13.2. AVK Group
- 13.3. Bray International, Inc.
- 13.4. Crane Company

13.5. Curtiss-Wright Corporation

13.6. DeZURIK

13.7. Emerson Electric Co.

13.8. Flowserve

13.9. Grundfos Pumps India Private Ltd.

13.10. Honeywell International Inc.

14. STRATEGIC RECOMMENDATIONS

15. ABOUT US & DISCLAIMER

I would like to order

Product name: Butterfly Valve Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented, By Type (High Performance Butterfly Valves and Lined Butterfly Valves), By Mechanism (Centric Butterfly Valves and Eccentric Butterfly Valves), By End-User (Oil & Gas, Electric Power, Water & Wastewater, Chemical, and Others), By Region, By Competition, 2020-2030F

Product link: <https://marketpublishers.com/r/B64A18A00ECBEN.html>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/B64A18A00ECBEN.html>