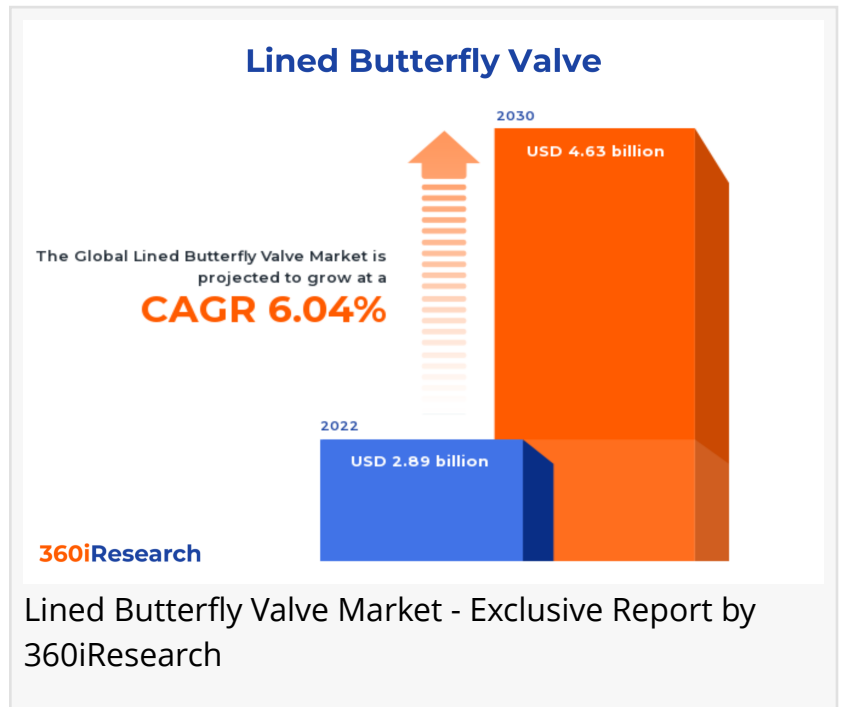


# Lined Butterfly Valve Market worth \$4.63 billion by 2030, growing at a CAGR of 6.04% - Exclusive Report by 360iResearch

*The Global Lined Butterfly Valve Market to grow from USD 2.89 billion in 2022 to USD 4.63 billion by 2030, at a CAGR of 6.04%.*

PUNE, MAHARASHTRA, INDIA ,  
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EINPresswire.com/ -- The "[Lined Butterfly Valve Market](#) by Material (Fluorinated Ethylene Propylene Lined Butterfly Valves, Perfluoroalkoxy Lined Butterfly Valves, Polytetrafluoroethylene Lined Butterfly Valves), Mechanism (Centric Valves, Eccentric Valves), Applications, Function, Installation, End-User Industries, Sales Channel - Global Forecast 2023-2030" report has been added to 360iResearch.com's offering.



The Global Lined Butterfly Valve Market to grow from USD 2.89 billion in 2022 to USD 4.63 billion by 2030, at a CAGR of 6.04%.

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A lined butterfly valve is a control valve that isolates or regulates fluid flow in pipelines. These valves are used for corrosive applications where conventional rubber seats such as ethylene propylene diene monomer (EPDM) and nitrile buna rubber (NBR) are unsuitable. In addition, lined butterfly valves are used in various industries and applications such as pharmaceutical, chemical, oil, food, water supply, wastewater treatment, fire protection, gas supply, fuel handling, and sanitary fittings. Lined butterfly valves are precise, which increases their potential need in the oil & gas and chemical industries. Additionally, there is a rising demand for lined butterfly valves for water and wastewater treatment due to its anticorrosive properties, contributing to

the increasing growth of the lined butterfly valves market. However, the higher cost of raw materials and the complexity involved in manufacturing and performance hamper the adoption of lined butterfly valves. Furthermore, ongoing R&D to develop enhanced lined butterfly valves and rising investments from manufacturers for renewable power generation projects are generating lucrative opportunities for lined butterfly valves in future.

**Material:** Significant deployment of PTFE-lined butterfly valves in highly aggressive industrial environments

Polytetrafluoroethylene lined butterfly valve (PTFE) is manufactured in the size range of approximately 40 mm to 400 mm using shaft materials such as stainless steel and Carbon Steel. PTFE-lined valves are preferred for consistent performance requirements in highly corrosive applications involving chlorine, benzene, sulphuric acid, nitric acid, phosphoric acid, hydrochloric acid, and seawater. All surfaces of valve wet parts are lined with perfluoroalkoxy (PFA) to protect valve service life from chemical corrosion. The rubber-lined butterfly valve is a very common valve used in the water industry. Due to the low leakages and ability to withstand high pressure and temperature levels, the rubber-lined butterfly valve is known for its high reliability and low maintenance. Wafer-style butterfly valves are engineered with four holes that align with the connected pipeline and are designed to clamp between two flanges of pipe work. Lug-style butterfly valves usually comprise metal such as ductile iron or steel. These valves are suitable for end-of-line service. Various types of flanged-style butterfly valves, such as AWWA C504 API609, have high performance and triple offset. A flanged-style valve can be a zero, single, double, or triple offset butterfly valve. It is mainly used to cut off the flow of media, including air, water, and gas in the pipeline and to regulate the size of the media flow in the pipeline.

**Application:** Growing usage of lined butterfly valves for optimizing airflow in compressed air applications

Lined butterfly valves for gas are used as an interception device for average to low-pressure gas pipe networks or pipelines. The lined butterfly valves for gas are also used for intercepting liquids when hermetic seal, small pressure losses, and compact construction in the flow direction are required. Flexible seated butterfly valves for gas of this type are double-flanged valves suited for gas installations, shipbuilding, and wastewater plants. The lined butterfly valves are an essential component of water cooling systems, which regulate water flow through the system and maintain optimal temperature levels. The valve rotates the disc around its axis, allowing or restricting fluid flow. The lined butterfly valves are installed upstream from the heat exchanger in a water cooling system to control the flow rate of water to maintain a constant temperature. These valves are also useful for isolating different system sections for maintenance and repair purposes. Lined butterfly valves have applications in industrial plants for regulating hot air or fumes up to 1000 °C. They are used in incineration plants, air treatment, thermal combustion plants, power plants, and furnaces. The slurry control valve is designed to withstand the most demanding services, including slurry, erosive, corrosive, and scaling applications. Slurry butterfly valves are designed to provide reliable isolation and control of slurry in various applications. A vacuum valve is a device which is placed in a feed or vent line on a vacuum furnace to isolate the vacuum chamber or direct the gas flow into the vacuum vessel. This valve can be actuated

manually, pneumatically, electro-pneumatically, electrically, or electromagnetically.

#### Regional Insights:

The lined butterfly valve market is evolving in the Americas due to the increasing investments toward infrastructure development projects and water management systems, growing industrialization, and the rising numbers of key players in the region. The EU region has witnessed a surge in demand for high-performance lined butterfly valves due to stringent environmental protection regulations that promote energy efficiency, and innovative research focused on improving valve technologies. Growing urbanization and industrialization in the EMEA region have led to increased investments in water management solutions, resulting in increased demand for lined butterfly valves. Significant investments in infrastructure development projects, including the construction of new power plants, expansion of manufacturing facilities, and modernization of transportation networks that require efficient flow control systems, are expanding the use of lined butterfly valves in the APAC region. Additionally, increased government initiatives to improve access to safe drinking water and better sanitation and continuous research and development to develop innovative lined butterfly valves are anticipated to encourage their deployment across end-use sectors worldwide.

#### FPNV Positioning Matrix:

The FPNV Positioning Matrix is essential for assessing the Lined Butterfly Valve Market. It provides a comprehensive evaluation of vendors by examining key metrics within Business Strategy and Product Satisfaction, allowing users to make informed decisions based on their specific needs. This advanced analysis then organizes these vendors into four distinct quadrants, which represent varying levels of success: Forefront (F), Pathfinder (P), Niche (N), or Vital(V).

#### Market Share Analysis:

The Market Share Analysis offers an insightful look at the current state of vendors in the Lined Butterfly Valve Market. By comparing vendor contributions to overall revenue, customer base, and other key metrics, we can give companies a greater understanding of their performance and what they are up against when competing for market share. The analysis also sheds light on just how competitive any given sector is about accumulation, fragmentation dominance, and amalgamation traits over the base year period studied.

#### Key Company Profiles:

The report delves into recent significant developments in the Lined Butterfly Valve Market, highlighting leading vendors and their innovative profiles. These include A-T Controls, Inc., ACRIS, Borsig ValveTech GmbH, Bray International, Cameron by Schlumberger Limited, Crane Company, Curtiss-Wright Corporation, EBRO Armaturen Gebr. Bröer GmbH, Emerson Electric Co., Flowserve Corporation, FluoroSeal Inc., KITZ Corporation, KSB SE & Co. KGaA, NIBCO Inc., Nippon Daiya Valve Co., Ltd., OHL Gutermuth Industrial Valves GmbH, Pentair, Samson AG, Shreeji

Process Control Pvt. Ltd., Swissfluid (USA), Inc., TOMOE VALVE USA & TOMOE VALVE, Valvitalia Group, Weir Group, and Wouter Witzel EuroValve B.V..

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#### Market Segmentation & Coverage:

This research report categorizes the Lined Butterfly Valve Market in order to forecast the revenues and analyze trends in each of following sub-markets:

Based on Material, market is studied across Fluorinated Ethylene Propylene Lined Butterfly Valves, Perfluoroalkoxy Lined Butterfly Valves, Polytetrafluoroethylene Lined Butterfly Valves, and Rubber-lined Lined Butterfly Valves. The Rubber-lined Lined Butterfly Valves is further studied across Flanged Type Lined Butterfly Valves, Lug Type Lined Butterfly Valves, and Wafer Type Lined Butterfly Valves. The Rubber-lined Lined Butterfly Valves is projected to witness significant market share during forecast period.

Based on Mechanism, market is studied across Centric Valves and Eccentric Valves. The Eccentric Valves is further studied across Double-offset, Single-offset, and Triple-offset. The Eccentric Valves is projected to witness significant market share during forecast period.

Based on Applications, market is studied across Compressed Air/Gas Applications, Cooling Water/Air/Gases, Hot Water & Steam, Slurry Services, and Vacuum Service. The Compressed Air/Gas Applications is projected to witness significant market share during forecast period.

Based on Function, market is studied across Control Valves, Isolation Valves, On & Off Valves, and Safety Valves. The Safety Valves is projected to witness significant market share during forecast period.

Based on Installation, market is studied across New Installations and Replacements. The Replacements is projected to witness significant market share during forecast period.

Based on End-User Industries, market is studied across Chemical Industry, Food & Beverage Industry, Oil & Gas Industry, Pharmaceutical Industry, Power Generation, Pulp & Paper Industry, and Water & Wastewater Treatment. The Pulp & Paper Industry is projected to witness significant market share during forecast period.

Based on Sales Channel, market is studied across Offline and Online. The Offline is projected to witness significant market share during forecast period.

Based on Region, market is studied across Americas, Asia-Pacific, and Europe, Middle East & Africa. The Americas is further studied across Argentina, Brazil, Canada, Mexico, and United

States. The United States is further studied across California, Florida, Illinois, New York, Ohio, Pennsylvania, and Texas. The Asia-Pacific is further studied across Australia, China, India, Indonesia, Japan, Malaysia, Philippines, Singapore, South Korea, Taiwan, Thailand, and Vietnam. The Europe, Middle East & Africa is further studied across Denmark, Egypt, Finland, France, Germany, Israel, Italy, Netherlands, Nigeria, Norway, Poland, Qatar, Russia, Saudi Arabia, South Africa, Spain, Sweden, Switzerland, Turkey, United Arab Emirates, and United Kingdom. The Asia-Pacific commanded largest market share of 36.17% in 2022, followed by Europe, Middle East & Africa.

#### Key Topics Covered:

1. Preface
2. Research Methodology
3. Executive Summary
4. Market Overview
5. Market Insights
6. Lined Butterfly Valve Market, by Material
7. Lined Butterfly Valve Market, by Mechanism
8. Lined Butterfly Valve Market, by Applications
9. Lined Butterfly Valve Market, by Function
10. Lined Butterfly Valve Market, by Installation
11. Lined Butterfly Valve Market, by End-User Industries
12. Lined Butterfly Valve Market, by Sales Channel
13. Americas Lined Butterfly Valve Market
14. Asia-Pacific Lined Butterfly Valve Market
15. Europe, Middle East & Africa Lined Butterfly Valve Market
16. Competitive Landscape
17. Competitive Portfolio
18. Appendix

The report provides insights on the following pointers:

1. Market Penetration: Provides comprehensive information on the market offered by the key players
2. Market Development: Provides in-depth information about lucrative emerging markets and analyzes penetration across mature segments of the markets
3. Market Diversification: Provides detailed information about new product launches, untapped geographies, recent developments, and investments
4. Competitive Assessment & Intelligence: Provides an exhaustive assessment of market shares, strategies, products, certification, regulatory approvals, patent landscape, and manufacturing capabilities of the leading players
5. Product Development & Innovation: Provides intelligent insights on future technologies, R&D activities, and breakthrough product developments

The report answers questions such as:

1. What is the market size and forecast of the Lined Butterfly Valve Market?
2. Which are the products/segments/applications/areas to invest in over the forecast period in the Lined Butterfly Valve Market?
3. What is the competitive strategic window for opportunities in the Lined Butterfly Valve Market?
4. What are the technology trends and regulatory frameworks in the Lined Butterfly Valve Market?
5. What is the market share of the leading vendors in the Lined Butterfly Valve Market?
6. What modes and strategic moves are considered suitable for entering the Lined Butterfly Valve Market?

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