

Soft Seated Butterfly Valves Market to Hit USD 8.8 Bn by 2035, Rising at 5.6% CAGR from USD 4.9 Bn in 2024 | TMR

Soft Seated Butterfly Valves Market to hit US\$ 8.8 Bn by 2035, growing at 5.6% CAGR, driven by demand in chemical, water, and oil & gas sectors.

WILMINGTON, DE, UNITED STATES, August 29, 2025 /EINPresswire.com/ -- The global [soft seated butterfly valves market](#) has been witnessing steady expansion as industries continue to demand reliable, efficient, and cost-effective flow control solutions. Valued at US\$ 4.9 Bn in 2024, the market is projected to reach US\$ 8.8 Bn by 2035, expanding at a CAGR of 5.6% between 2025 and 2035. This growth is being driven by strong demand across chemical processing, oil and gas, water treatment, and power generation industries, along with the integration of advanced technologies such as IoT-enabled monitoring and predictive maintenance.

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Market Size and Growth

The soft seated butterfly valves market is poised for robust growth due to its versatility and suitability for low to medium pressure and temperature applications. With industries such as HVAC, chemical processing, food & beverages, and water treatment increasingly adopting these valves, their market demand is accelerating. The projected growth to US\$ 8.8 Bn by 2035 reflects rising industrialization and ongoing infrastructure investments across both developed and developing economies.

Furthermore, the integration of smart valve technology—capable of real-time monitoring, predictive maintenance, and remote operation—is reshaping the growth trajectory. The adoption

GLOBAL SOFT SEATED BUTTERFLY VALVES MARKET OUTLOOK

The soft seated butterfly valves industry was valued at **US\$ 4.9 Bn** in 2024

It is estimated to grow at a CAGR of **5.6%** from 2023 to 2035

The soft seated butterfly valves market is estimated to reach **US\$ 8.8 Bn** by the end of 2035



Soft Seated Butterfly Valves Market

of lightweight materials, advanced sealing technologies, and automation not only improves operational efficiency but also positions soft seated butterfly valves as indispensable in modern industrial systems.

Market Segmentation

The market can be segmented by type, application, and actuation method.

- **By Type:** Wafer-type valves are preferred for their compact design and cost-effectiveness, whereas flange-type valves dominate applications requiring higher reliability and ease of installation.
- **By Application:** Key sectors include chemical processing, oil & gas, HVAC, water and wastewater management, food & beverages, power generation, and emerging industries such as hydrogen production, carbon capture, and biofuel processing.
- **By Actuation:** Manual valves remain common in smaller installations, but pneumatic, electric, and turbine actuators are increasingly being adopted for automated systems.

Among these, chemical processing stands out as the most prominent segment due to the sector's reliance on reliable sealing solutions for aggressive chemicals and corrosive fluids. The adoption of EPDM, PTFE, and Viton-based seats ensures durability and leak-free operations, strengthening the dominance of this application segment.

Regional Analysis

North America currently leads the market, holding nearly 40% of global revenue share. This dominance is underpinned by the presence of a mature chemical processing industry, advanced water treatment infrastructure, and a thriving oil and gas sector. Strict regulatory standards for environmental safety and industrial automation also fuel demand.

Asia-Pacific is projected to witness the fastest growth during the forecast period. Rapid urbanization, industrialization, and infrastructure development in China, India, and Southeast Asia are generating significant opportunities. Rising investments in petrochemicals, pharmaceuticals, and municipal water management are key contributors.

Europe maintains steady growth, driven by sustainability regulations, strong water treatment initiatives, and established chemical and pharmaceutical industries. Meanwhile, Latin America and the Middle East & Africa are expected to experience gradual but steady adoption, particularly in oil & gas and power generation projects.

Market Drivers and Challenges

Increasing Industrialization and Urbanization

As urban populations expand, the demand for reliable water supply, sewage treatment, and power generation systems grows. Soft seated butterfly valves play an essential role in ensuring efficient flow control across these networks. The valves' lightweight construction, ease of installation, and cost-effectiveness make them a preferred choice in expanding infrastructure projects.

Technological Advancements in Valve Design

Innovation in seat materials and manufacturing techniques has resulted in valves with superior resistance to temperature fluctuations, wear, and chemical corrosion. The incorporation of smart technologies enables real-time monitoring, predictive maintenance, and enhanced reliability. These advancements improve overall system efficiency, making soft seated butterfly valves more attractive for modern industrial applications.

Challenges

Despite their widespread use, soft seated butterfly valves face limitations. They are not suitable for extreme temperatures, highly corrosive environments, or very high-pressure systems, which restricts their deployment in certain heavy-duty applications. Additionally, fluctuating raw material prices and the need for frequent seat replacement in demanding environments remain challenges for manufacturers and end-users.

Market Trends

Several trends are shaping the future of the soft seated butterfly valves industry:

1. **Smart Valves with IoT Integration:** Companies are developing intelligent valves with embedded sensors that enable remote monitoring and predictive analytics.
2. **Sustainability and Energy Efficiency:** Growing demand for energy-efficient solutions is driving innovation in valve designs that minimize leakage and energy wastage.
3. **Material Innovation:** The adoption of advanced elastomers and polymers like PTFE, PEEK, and EPDM enhances performance and longevity.
4. **Emerging Applications:** Rising focus on hydrogen production, carbon capture, and semiconductor manufacturing is expanding the scope of soft seated butterfly valves.

Competitive Landscape

The competitive environment is defined by innovation, product durability, and global reach.

Emerson leads the market with its advanced automation solutions and strong presence in chemical and energy industries. Flowserve emphasizes fluid control innovations, focusing on leak-free and energy-efficient valve systems for oil & gas and power sectors. Bray International is recognized for reliable and cost-effective valves across HVAC, water, and chemical processing applications.

Other significant players include KSB Group, Neles Corporation, Crane Co., Valworx, IMI Process Automation, DERVOS VALVE CO., LTD, and Gefa Processtechnik GmbH. These companies invest in R&D, partnerships, and regional expansions to strengthen their market position.

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Future Outlook

The outlook for the soft seated butterfly valves market remains optimistic through 2035, supported by rapid industrialization, technological advancement, and sustainability initiatives. Demand will continue to surge in chemical processing, oil & gas, and water treatment industries, while emerging sectors like hydrogen energy, biofuels, and carbon capture technologies present new growth avenues.

Automation, smart valve adoption, and material innovation will shape the future competitive dynamics, with companies investing heavily in digital solutions and sustainable designs. With industrial efficiency and environmental compliance becoming paramount, the role of soft seated butterfly valves as cost-efficient, reliable, and versatile flow control devices is set to expand globally.

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