

# Industrial Valves Market to USD 114 Billion by 2031 Driven by Rising Automation and Smart Technology Integration

*Flowing Forward: Exploring the Industrial Valves Market Dynamics*

TEXES, AUSTIN, UNITED STATES, June 12, 2024 /EINPresswire.com/ -- The [Industrial Valves Market Size](#) reached a value of USD 79.86 Billion in 2023 and is projected to surge to USD 114 Billion by 2031, reflecting a CAGR of 4.5% over the forecast period of 2024-2031.

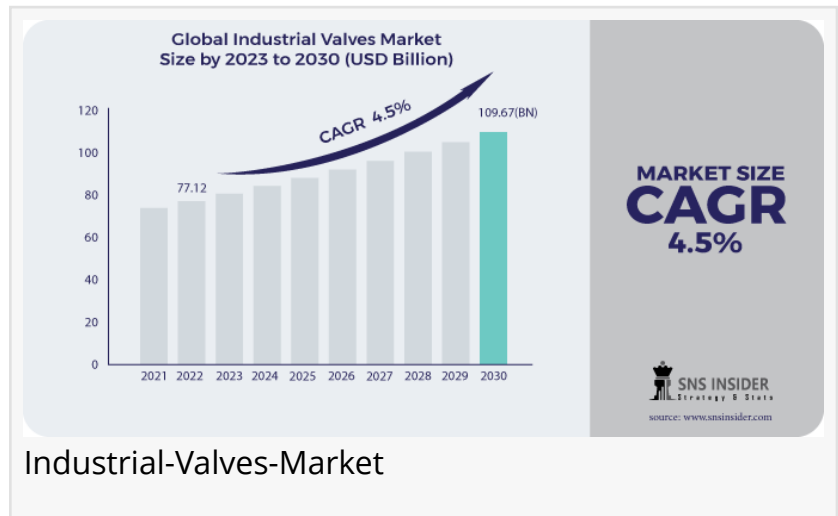
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Top Key Players:

- Emerson Electric
- Schlumberger
- Flowserve Corporation
- IMI plc
- Neles Corporation
- Spirax Sarco Limited
- Crane
- Conbraco Industries Inc
- Kitz Corporation
- Trillium Flow Technologies
- Bray International

Surging Industrialization and Automation to Fuel Industrial Valves Market Growth

This growth is primarily driven by the increasing automation across industries, coupled with the expanding need for advanced flow control equipment. Smart valves with intelligent control systems are gaining traction, further accelerating market development. Industrialization and facility expansion are leading to increased automation, propelling the need for efficient industrial



valves for flow control.

Advancements in smart valves, particularly for subsea oil & gas applications, are enhancing system reliability and responsiveness. These valves boast embedded processors and network capabilities, enabling better performance in harsh environments.

**Segmentation Analysis: Ball Valves dominate the market**

Ball valves currently dominate the market, accounting for over 19% of the revenue share in 2024. Their popularity stems from their versatility in flow control and tight shut-off capabilities, making them ideal for various applications such as circulating systems on ships, chlorine manufacturing, and fire safety applications.

Butterfly valves have witnessed a significant rise in demand recently, particularly within the oil and gas industry. This is due to the increasing exploration and upgrade activities fueled by substantial investments in pipelines and refineries.

Check valves are also experiencing steady growth, with a projected CAGR exceeding 7% over the next seven years. Their unidirectional flow control prevents process flow from returning to the system, safeguarding equipment and preventing process disruptions. Rising automation and the need for controlled fluid flow within refineries have positively impacted demand across various industries.

**Impact of Economic Slowdown and Russia-Ukraine War**

The Russia-Ukraine war has disrupted global supply chains, impacting the availability of raw materials and components needed for valve manufacturing. This disruption, coupled with rising energy costs, could potentially hinder market growth in the short term. However, long-term prospects remain positive, driven by the aforementioned growth factors.

Economic slowdowns can also pose challenges. For instance, a potential slowdown in China, a major consumer of industrial valves, could temporarily dampen market growth. However, the long-term outlook remains optimistic due to the underlying demand drivers in other regions.

**Regional Focus: Asia Pacific Takes the Lead**

The Asia Pacific region currently holds the dominant position in the industrial valves market, exceeding USD 20 billion in 2014. This is primarily driven by the region's booming construction activities and rising chemical consumption. Additionally, the construction of new nuclear power plants and capacity expansion in petroleum refineries are expected to further stimulate demand. China, for instance, is projected to invest heavily in building coal-fired power plants equipped with scrubbers.

North America presents another significant growth market. The surge in shale gas and oil sand production creates a lucrative environment for valve manufacturers. Replacing outdated and inefficient valves in existing gas transportation infrastructure is expected to bolster overall demand in the region. The shale gas revolution in the U.S., leading to increased exploration and production investments, is a key driver of market growth. Additionally, the growing adoption of renewable energy sources bodes well for the future of the market.

Europe, while exhibiting slower growth compared to other regions, holds potential due to the

development of offshore oil & gas sites and burgeoning demand from Russia in the midstream segment.

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#### Recent Development

- In February 2024, Burkert launched a new range of tool-free, easy-to-service valves designed for controlling liquids and steam.
- In April 2024, Sloan Valve Company launched advanced and sustainable restroom solutions for residential, commercial, industrial, and institutional sectors.

#### Key Takeaways

- Insights into the growing demand for industrial valves, particularly within the automation, oil & gas, and power generation sectors.
- Understanding the trends in smart valve technology and the integration of IoT and AI.
- The report sheds light on potential challenges like geopolitical disruptions and economic slowdowns.
- In-depth analysis of regional trends, dominating segments, and key growth drivers in Asia Pacific, North America, and Europe

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