

South Korea Industrial Valves Market Size, Share, Trends and Forecast by Product Type, Functionality, Material, Size, End Use Industry, and Region, 2026-2034

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Abstracts

The South Korea industrial valves market size reached USD 1,579.0 Million in 2025. Looking forward, IMARC Group expects the market to reach USD 2,590.1 Million by 2034, exhibiting a growth rate (CAGR) of 5.48% during 2026-2034. The market is primarily driven by robust growth in end-user industries such as oil & gas, power generation, and chemical processing. Increasing focus on industrial automation, stringent safety regulations, and infrastructure development projects also collectively influence the South Korea industrial valves market share.

SOUTH KOREA INDUSTRIAL VALVES MARKET TRENDS:

Growing Demand from Key End-User Industries

The South Korea industrial valves market is significantly propelled by the sustained growth and expansion of its core end-user industries. Sectors such as oil and gas, power generation (including conventional and renewable energy), chemicals, and water & wastewater treatment are undergoing continuous development and modernization. These industries inherently require a vast array of industrial valves for precise flow control, pressure regulation, and safety mechanisms in their complex processes. The ongoing investments in new projects, capacity expansions, and maintenance activities within these vital sectors directly translate into a consistent and increasing demand for various types of industrial valves, thereby driving the South Korea industrial valves market growth. For instance, in May 2024, PK Valve & Engineering, Korea's largest industrial valve manufacturer, showcased advanced valve solutions for hydrogen

applications at the World Hydrogen Summit 2024. Highlighting products like Cryogenic Ball and Butterfly Valves and LH2 Valves, the company emphasized innovation, quality, and reliability across sectors including nuclear, marine, oil & gas, and LNG. The event gathered over 400 global hydrogen industry players, with PK Valve reinforcing its leadership in industrial valve technology for critical processes.

Focus on Automation and Smart Valve Technologies

A prominent trend in the South Korea industrial valves market is the increasing adoption of automation and smart valve technologies. Industries are progressively integrating advanced valve solutions equipped with IoT capabilities for real-time monitoring, remote control, and predictive maintenance. This shift towards digitalization enhances operational efficiency, reduces downtime, and improves overall safety in industrial processes. The ability of smart valves to provide crucial data for optimizing performance and identifying potential issues before they lead to failures is highly appealing to businesses striving for higher productivity and cost-effectiveness, significantly contributing to the South Korea industrial valves market growth. For instance, as of April 2025, Valmet's Flow Control business, known for its industrial valve brands like Neles and Jamesbury, is driving South Korea's flow control industry transformation. Focusing on safety, reliability, and maintenance, Valmet supports key sectors such as refining, pulp & paper, and renewable energy. The company emphasizes digitalization and sustainability, upgrading assets with smart technology and enhancing local customer support to boost efficiency and adapt to market volatility.

SOUTH KOREA INDUSTRIAL VALVES MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country/regional level for 2026-2034. Our report has categorized the market based on product type, functionality, material, size, and end use industry.

Product Type Insights:

Gate Valve

Globe Valve

Butterfly Valve

Ball Valve

Check Valve

Plug Valve

Others

The report has provided a detailed breakup and analysis of the market based on the product type. This includes gate valve, globe valve, butterfly valve, ball valve, check valve, plug valve, and others.

Functionality Insights:

On-Off/Isolation Valves

Control Valves

A detailed breakup and analysis of the market based on functionality has also been provided in the report. This includes on-off/isolation valves and control valves.

Material Insights:

Steel

Cast Iron

Alloy Based

Others

The report has provided a detailed breakup and analysis of the market based on the material. This includes steel, cast iron, alloy based, and others.

Size Insights:

Upto 1"

1"-6"

7"-25"

26"-50"

51" and Above

A detailed breakup and analysis of the market based on size has also been provided in the report. This includes upto 1", 1"-6", 7"-25", 26"-50", and 51" and above.

End Use Industry Insights:

Oil and Gas

Power

Pharmaceutical

Water and Wastewater Treatment

Chemical

Food and Beverage

Others

The report has provided a detailed breakup and analysis of the market based on the end use industry. This includes oil and gas, power, pharmaceutical, water and wastewater treatment, chemical, food and beverage, and others.

Regional Insights:

Seoul Capital Area

Yeongnam (Southeastern Region)

Honam (Southwestern Region)

Hoseo (Central Region)

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Seoul Capital Area, Yeongnam (Southeastern Region), Honam (Southwestern Region), Hoseo (Central Region), and others.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the South Korea industrial valves market performed so far and how will it perform in the coming years?

What is the breakup of the South Korea industrial valves market on the basis of product type?

What is the breakup of the South Korea industrial valves market on the basis of functionality?

What is the breakup of the South Korea industrial valves market on the basis of material?

What is the breakup of the South Korea industrial valves market on the basis of size?

What is the breakup of the South Korea industrial valves market on the basis of end use industry?

What is the breakup of the South Korea industrial valves market on the basis of region?

What are the various stages in the value chain of the South Korea industrial valves market?

What are the key driving factors and challenges in the South Korea industrial valves market?

What is the structure of the South Korea industrial valves market and who are the key

players?

What is the degree of competition in the South Korea industrial valves market?

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