

# **One-Way Valve Market Report by Material Type (Stainless Steel, Brass, Carbon Steel, and Others), Application (Oil and Gas, Power, Chemicals, Water and Wastewater, Pharmaceutical, and Others), Sales Type (New Sales, Aftermarket), and Region 2024-2032**

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## **Abstracts**

The global one-way valve market size reached US\$ 3.9 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 5.6 Billion by 2032, exhibiting a growth rate (CAGR) of 4.1% during 2024-2032. The growing utilization in oil product plants, increasing demand for power in the residential, commercial, and industrial sectors, and various initiatives undertaken by governing agencies of several countries to tackle wastewater represent some of the key factors driving the market.

A one-way valve comprises the body, cover, disk, hinge pin, and seat ring, which creates a shutoff surface and supports the disc in a fully closed position. It is commercially available as straight type and tight angle type valves, which helps in preventing leakage in a pipeline system. It functions as a reverse circulation passage and prevents the backflow of fluids and gases in the system. It allows the flow of fluids and gases in only one specific direction through a pipeline system. It enables fluids to enter the inlet, where they force the disc off the seat of the valve and exit through the outlet. It retains the flow as long as the pressure is maintained and returns the disc to the seat to shut the flow off when pressure is low. It is utilized in water and wastewater plants to protect the pumps and compressors from serious damage. It is also employed in the aerospace and aircraft industries to control corrosive fluids, hydraulic systems, and fuel flow.

One-Way Valve Market Trends:

At present, the increasing demand for one-way valves, as they are durable, effective,

and enhance the optimal efficiency of systems, represents one of the primary factors influencing the market positively. Besides this, the rising utilization of one-way valves in oil product plants when there is a risk of condensate backflow and to control flow rates, isolate and protect equipment, and direct refining process of crude oil is propelling the growth of the market. In addition, the growing installation of one-way valves in gas production plants to transport fluids and gases over diverse regions and at different temperatures is offering a favorable market outlook. Apart from this, the increasing demand for power in the residential, commercial, and industrial sectors to run various electronic appliances and operate heavy machinery is contributing to the growth of the market. Additionally, various initiatives taken by governing agencies of several countries to tackle wastewater coming from industrial setups and residents containing harmful toxins and polluting natural water reserves are supporting the market growth. Moreover, key market players are integrating the internet of things (IoT) with one-way valves to monitor their functionalities and improve efficiency.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global one-way valve market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on material type, application and sales type.

#### Material Type Insights:

- Stainless Steel
- Brass
- Carbon Steel
- Others

The report has provided a detailed breakup and analysis of the one-way valve market based on the material type. This includes stainless steel, brass, carbon steel, and others. According to the report, stainless steel represented the largest segment.

#### Application Insights:

- Oil and Gas
- Power
- Chemicals
- Water and Wastewater
- Pharmaceutical
- Others

A detailed breakup and analysis of the one-way valve market based on the application has also been provided in the report. This includes oil and gas, power, chemicals, water and wastewater, pharmaceutical, and others. According to the report, oil and gas accounted for the largest market share.

#### Sales Type Insights:

New Sales  
Aftermarket

A detailed breakup and analysis of the one-way valve market based on the sales type has also been provided in the report. This includes new sales and aftermarket. According to the report, aftermarket accounted for the largest market share.

#### Regional Insights:

North America  
United States  
Canada  
Asia-Pacific  
China  
Japan  
India  
South Korea  
Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico

## Others

### Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others) was the largest market for one-way valve. Some of the factors driving the Asia Pacific one-way valve market included the growing demand for electricity, increasing oil exploration activities, rising utilization of IoT enabled valves, etc.

### Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global one-way valve market. Competitive analysis such as market structure, market share by key players, 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. Some of the companies covered include AVK International A/S, CIRCOR International Inc., DHV Industries Inc, Emerson Electric Co., Flowserve Corporation, Lance Valves Inc., PetroValves S.p.a., Schlumberger Limited, SPX FLOW Inc., The Weir Group Plc, Valvitalia SpA, Velan Inc., etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

### Key Questions Answered in This Report

1. What was the size of the global one-way valve market in 2023?
2. What is the expected growth rate of the global one-way valve market during 2024-2032?
3. What are the key factors driving the global one-way valve market?
4. What has been the impact of COVID-19 on the global one-way valve market?
5. What is the breakup of the global one-way valve market based on the material type?
6. What is the breakup of the global one-way valve market based on the application?
7. What is the breakup of the global one-way valve market based on the sales type?
8. What are the key regions in the global one-way valve market?
9. Who are the key players/companies in the global one-way valve market?

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