

Global Vacuum Pressure Control Butterfly Valve Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Vacuum Pressure Control Butterfly Valve market size is expected to reach \$ 290 million by 2032, rising at a market growth of 3.2% CAGR during the forecast period (2026-2032).

In 2025, global production of vacuum-controlled pressure butterfly valves reached 1.8848 million units, with an average selling price of US\$120 per unit. The global annual production capacity of vacuum-controlled pressure butterfly valves is approximately 2.6 million units, with a gross profit margin of approximately 24.7%. A vacuum-controlled pressure butterfly valve is a valve used to control and regulate gas pressure in vacuum systems. It combines the structural characteristics of a butterfly valve with special control functions, enabling precise pressure regulation and gas flow control in a vacuum environment. The upstream of the vacuum-controlled pressure butterfly valve industry chain includes high-performance sealing materials, ceramic/stainless steel components, and actuators; the midstream consists of vacuum-controlled pressure butterfly valve manufacturers; and the downstream mainly comprises the electronics, industrial, and semiconductor industries.

Currently, the demand for vacuum pressure-controlled butterfly valves continues to grow in the semiconductor, optoelectronics, pharmaceutical, food processing, and scientific research fields, especially in high-vacuum and ultra-high-vacuum applications. These products are evolving towards higher reliability, lower leakage, faster response, and corrosion-resistant materials, with integrated and intelligent control (such as remote monitoring, self-diagnosis, and PLC/SCADA integration) becoming market trends. Industry competition is intensifying, with major manufacturers improving sealing performance, expanding temperature ranges, optimizing structural design, and providing customized solutions to meet the process parameters of different industries.

Meanwhile, global supply chain fluctuations and raw material cost fluctuations have some impact on prices and delivery cycles, but with the promotion of localized production and standardized modules, market accessibility and service levels have improved.

This report studies the global Vacuum Pressure Control Butterfly Valve production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Vacuum Pressure Control Butterfly Valve and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Vacuum Pressure Control Butterfly Valve that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Vacuum Pressure Control Butterfly Valve total production and demand, 2021-2032, (K Units)

Global Vacuum Pressure Control Butterfly Valve total production value, 2021-2032, (USD Million)

Global Vacuum Pressure Control Butterfly Valve production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Vacuum Pressure Control Butterfly Valve consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Vacuum Pressure Control Butterfly Valve domestic production, consumption, key domestic manufacturers and share

Global Vacuum Pressure Control Butterfly Valve production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Vacuum Pressure Control Butterfly Valve production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Vacuum Pressure Control Butterfly Valve production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Vacuum Pressure Control Butterfly Valve market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Pfeiffer Vacuum, VAT Group, KNKE INDUSTRY, Huntington Vacuum Products, Frenstar, COVNA, Htc vacuum, KSB, Flowserve, KOFI FLOW, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Vacuum Pressure Control Butterfly Valve market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Vacuum Pressure Control Butterfly Valve Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Vacuum Pressure Control Butterfly Valve Market, Segmentation by Type:

Pneumatic Vacuum Butterfly Valve

Electric Vacuum Butterfly Valve

Global Vacuum Pressure Control Butterfly Valve Market, Segmentation by Structural Forms:

Center-Seal Butterfly Valve

Single Eccentric Seal Butterfly Valve

Double Eccentric Seal Butterfly Valve

Triple Eccentric Seal Butterfly Valve

Global Vacuum Pressure Control Butterfly Valve Market, Segmentation by Sealing Surface Material:

Soft-Seal Butterfly Valve

Metal Hard Seal Butterfly Valve

Global Vacuum Pressure Control Butterfly Valve Market, Segmentation by Application:

Electronics Industry

Industrial

Machinery

Semiconductor

Others

Companies Profiled:

Pfeiffer Vacuum

VAT Group

KNKE INDUSTRY

Huntington Vacuum Products

Frenstar

COVNA

Htc vacuum

KSB

Flowserve

KOFI FLOW

Adamant Valves

SICARRIER

JIANGSU SHENTONG

SHANGHAI DUOYI VALVES

NENGFA WEIYE TIELING VALVE

Htc

Key Questions Answered:

1. How big is the global Vacuum Pressure Control Butterfly Valve market?
2. What is the demand of the global Vacuum Pressure Control Butterfly Valve market?
3. What is the year over year growth of the global Vacuum Pressure Control Butterfly Valve market?
4. What is the production and production value of the global Vacuum Pressure Control Butterfly Valve market?
5. Who are the key producers in the global Vacuum Pressure Control Butterfly Valve

market?

6. What are the growth factors driving the market demand?

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