

Global Needle Valves for Hydrogen Market Research Report 2026(Status and Outlook)

<https://marketpublishers.com/r/G646D53E1E7EEN.html>

Date: March 2026

Pages: 158

Price: US\$ 2,980.00 (Single User License)

ID: G646D53E1E7EEN

Abstracts

Needle valves for hydrogen are precision flow control components designed to manage the safe and accurate regulation of hydrogen gas in high-pressure and high-purity applications. These valves are engineered to handle the unique challenges of hydrogen, including its small molecular size, high diffusivity, and flammability.

The global Needle Valves for Hydrogen market size was estimated at USD 100.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 5.10% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Needle Valves for Hydrogen market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Needle Valves for Hydrogen market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Needle Valves for Hydrogen market.

Global Needle Valves for Hydrogen Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

Swagelok Company
HY-LOK
GFI (Westport Power)
Oliver Valve Ltd
MHA ZENTGRAF
EVMETAL.DK
FITOK Group.
OMB SALERI
GSR Ventiltechnik
Rotarex
Schrader Pacific
TK-FUJIKIN
DAEJUNG Co.,LTD
RedFluid
Winnellie Group
Ningbo Sanan Valve Manufacture
Ftxt Energy Technology

Market Segmentation (by Type)

10 Mm

14 Mm

20 Mm

Market Segmentation (by Application)

Hydrogen Storage And Transport

Hydrogen Handling and Refuelling

Other

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Needle Valves for Hydrogen Market

Overview of the regional outlook of the Needle Valves for Hydrogen Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Needle Valves for Hydrogen Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Needle Valves for Hydrogen, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of Needle Valves for Hydrogen
- 1.2 Key Market Segments
 - 1.2.1 Needle Valves for Hydrogen Segment by Type
 - 1.2.2 Needle Valves for Hydrogen Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats

2 NEEDLE VALVES FOR HYDROGEN MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global Needle Valves for Hydrogen Market Size (M USD) Estimates and Forecasts (2020-2035)
 - 2.1.2 Global Needle Valves for Hydrogen Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 NEEDLE VALVES FOR HYDROGEN MARKET COMPETITIVE LANDSCAPE

- 3.1 Company Assessment Quadrant
- 3.2 Global Needle Valves for Hydrogen Product Life Cycle
- 3.3 Global Needle Valves for Hydrogen Sales by Manufacturers (2020-2025)
- 3.4 Global Needle Valves for Hydrogen Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Needle Valves for Hydrogen Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Needle Valves for Hydrogen Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Needle Valves for Hydrogen Market Competitive Situation and Trends
 - 3.8.1 Needle Valves for Hydrogen Market Concentration Rate
 - 3.8.2 Global 5 and 10 Largest Needle Valves for Hydrogen Players Market Share by Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 NEEDLE VALVES FOR HYDROGEN INDUSTRY CHAIN ANALYSIS

4.1 Needle Valves for Hydrogen Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF NEEDLE VALVES FOR HYDROGEN MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global Needle Valves for Hydrogen Market Porter's Five Forces Analysis

5.6.1 Global Trade Frictions

5.6.2 U.S. Tariff Policy ? April 2025

5.6.3 Global Trade Frictions and Their Impacts to Needle Valves for Hydrogen Market

5.7 ESG Ratings of Leading Companies

6 NEEDLE VALVES FOR HYDROGEN MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Needle Valves for Hydrogen Sales Market Share by Type (2020-2025)

6.3 Global Needle Valves for Hydrogen Market Size by Type (2020-2025)

6.4 Global Needle Valves for Hydrogen Price by Type (2020-2025)

7 NEEDLE VALVES FOR HYDROGEN MARKET SEGMENTATION BY

APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Needle Valves for Hydrogen Market Sales by Application (2020-2025)
- 7.3 Global Needle Valves for Hydrogen Market Size (M USD) by Application (2020-2025)
- 7.4 Global Needle Valves for Hydrogen Sales Growth Rate by Application (2020-2025)

8 NEEDLE VALVES FOR HYDROGEN MARKET SALES BY REGION

- 8.1 Global Needle Valves for Hydrogen Sales by Region
 - 8.1.1 Global Needle Valves for Hydrogen Sales by Region
 - 8.1.2 Global Needle Valves for Hydrogen Sales Market Share by Region
- 8.2 Global Needle Valves for Hydrogen Market Size by Region
 - 8.2.1 Global Needle Valves for Hydrogen Market Size by Region
 - 8.2.2 Global Needle Valves for Hydrogen Market Size by Region
- 8.3 North America
 - 8.3.1 North America Needle Valves for Hydrogen Sales by Country
 - 8.3.2 North America Needle Valves for Hydrogen Market Size by Country
 - 8.3.3 U.S. Market Overview
 - 8.3.4 Canada Market Overview
 - 8.3.5 Mexico Market Overview
- 8.4 Europe
 - 8.4.1 Europe Needle Valves for Hydrogen Sales by Country
 - 8.4.2 Europe Needle Valves for Hydrogen Market Size by Country
 - 8.4.3 Germany Market Overview
 - 8.4.4 France Market Overview
 - 8.4.5 U.K. Market Overview
 - 8.4.6 Italy Market Overview
 - 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
 - 8.5.1 Asia Pacific Needle Valves for Hydrogen Sales by Region
 - 8.5.2 Asia Pacific Needle Valves for Hydrogen Market Size by Region
 - 8.5.3 China Market Overview
 - 8.5.4 Japan Market Overview
 - 8.5.5 South Korea Market Overview
 - 8.5.6 India Market Overview
 - 8.5.7 Southeast Asia Market Overview
- 8.6 South America

- 8.6.1 South America Needle Valves for Hydrogen Sales by Country
- 8.6.2 South America Needle Valves for Hydrogen Market Size by Country
- 8.6.3 Brazil Market Overview
- 8.6.4 Argentina Market Overview
- 8.6.5 Columbia Market Overview
- 8.7 Middle East and Africa
 - 8.7.1 Middle East and Africa Needle Valves for Hydrogen Sales by Region
 - 8.7.2 Middle East and Africa Needle Valves for Hydrogen Market Size by Region
 - 8.7.3 Saudi Arabia Market Overview
 - 8.7.4 UAE Market Overview
 - 8.7.5 Egypt Market Overview
 - 8.7.6 Nigeria Market Overview
 - 8.7.7 South Africa Market Overview

9 NEEDLE VALVES FOR HYDROGEN MARKET PRODUCTION BY REGION

- 9.1 Global Production of Needle Valves for Hydrogen by Region(2020-2025)
- 9.2 Global Needle Valves for Hydrogen Revenue Market Share by Region (2020-2025)
- 9.3 Global Needle Valves for Hydrogen Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Needle Valves for Hydrogen Production
 - 9.4.1 North America Needle Valves for Hydrogen Production Growth Rate (2020-2025)
 - 9.4.2 North America Needle Valves for Hydrogen Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Needle Valves for Hydrogen Production
 - 9.5.1 Europe Needle Valves for Hydrogen Production Growth Rate (2020-2025)
 - 9.5.2 Europe Needle Valves for Hydrogen Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan Needle Valves for Hydrogen Production (2020-2025)
 - 9.6.1 Japan Needle Valves for Hydrogen Production Growth Rate (2020-2025)
 - 9.6.2 Japan Needle Valves for Hydrogen Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China Needle Valves for Hydrogen Production (2020-2025)
 - 9.7.1 China Needle Valves for Hydrogen Production Growth Rate (2020-2025)
 - 9.7.2 China Needle Valves for Hydrogen Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Swagelok Company

10.1.1 Swagelok Company Basic Information

10.1.2 Swagelok Company Needle Valves for Hydrogen Product Overview

10.1.3 Swagelok Company Needle Valves for Hydrogen Product Market Performance

10.1.4 Swagelok Company Business Overview

10.1.5 Swagelok Company SWOT Analysis

10.1.6 Swagelok Company Recent Developments

10.2 HY-LOK

10.2.1 HY-LOK Basic Information

10.2.2 HY-LOK Needle Valves for Hydrogen Product Overview

10.2.3 HY-LOK Needle Valves for Hydrogen Product Market Performance

10.2.4 HY-LOK Business Overview

10.2.5 HY-LOK SWOT Analysis

10.2.6 HY-LOK Recent Developments

10.3 GFI (Westport Power)

10.3.1 GFI (Westport Power) Basic Information

10.3.2 GFI (Westport Power) Needle Valves for Hydrogen Product Overview

10.3.3 GFI (Westport Power) Needle Valves for Hydrogen Product Market

Performance

10.3.4 GFI (Westport Power) Business Overview

10.3.5 GFI (Westport Power) SWOT Analysis

10.3.6 GFI (Westport Power) Recent Developments

10.4 Oliver Valve Ltd

10.4.1 Oliver Valve Ltd Basic Information

10.4.2 Oliver Valve Ltd Needle Valves for Hydrogen Product Overview

10.4.3 Oliver Valve Ltd Needle Valves for Hydrogen Product Market Performance

10.4.4 Oliver Valve Ltd Business Overview

10.4.5 Oliver Valve Ltd Recent Developments

10.5 MHA ZENTGRAF

10.5.1 MHA ZENTGRAF Basic Information

10.5.2 MHA ZENTGRAF Needle Valves for Hydrogen Product Overview

10.5.3 MHA ZENTGRAF Needle Valves for Hydrogen Product Market Performance

10.5.4 MHA ZENTGRAF Business Overview

10.5.5 MHA ZENTGRAF Recent Developments

10.6 EVMETAL.DK

10.6.1 EVMETAL.DK Basic Information

10.6.2 EVMETAL.DK Needle Valves for Hydrogen Product Overview

10.6.3 EVMETAL.DK Needle Valves for Hydrogen Product Market Performance

10.6.4 EVMETAL.DK Business Overview

- 10.6.5 EVMETAL.DK Recent Developments
- 10.7 FITOK Group.
 - 10.7.1 FITOK Group. Basic Information
 - 10.7.2 FITOK Group. Needle Valves for Hydrogen Product Overview
 - 10.7.3 FITOK Group. Needle Valves for Hydrogen Product Market Performance
 - 10.7.4 FITOK Group. Business Overview
 - 10.7.5 FITOK Group. Recent Developments
- 10.8 OMB SALERI
 - 10.8.1 OMB SALERI Basic Information
 - 10.8.2 OMB SALERI Needle Valves for Hydrogen Product Overview
 - 10.8.3 OMB SALERI Needle Valves for Hydrogen Product Market Performance
 - 10.8.4 OMB SALERI Business Overview
 - 10.8.5 OMB SALERI Recent Developments
- 10.9 GSR Ventiltechnik
 - 10.9.1 GSR Ventiltechnik Basic Information
 - 10.9.2 GSR Ventiltechnik Needle Valves for Hydrogen Product Overview
 - 10.9.3 GSR Ventiltechnik Needle Valves for Hydrogen Product Market Performance
 - 10.9.4 GSR Ventiltechnik Business Overview
 - 10.9.5 GSR Ventiltechnik Recent Developments
- 10.10 Rotarex
 - 10.10.1 Rotarex Basic Information
 - 10.10.2 Rotarex Needle Valves for Hydrogen Product Overview
 - 10.10.3 Rotarex Needle Valves for Hydrogen Product Market Performance
 - 10.10.4 Rotarex Business Overview
 - 10.10.5 Rotarex Recent Developments
- 10.11 Schrader Pacific
 - 10.11.1 Schrader Pacific Basic Information
 - 10.11.2 Schrader Pacific Needle Valves for Hydrogen Product Overview
 - 10.11.3 Schrader Pacific Needle Valves for Hydrogen Product Market Performance
 - 10.11.4 Schrader Pacific Business Overview
 - 10.11.5 Schrader Pacific Recent Developments
- 10.12 TK-FUJIKIN
 - 10.12.1 TK-FUJIKIN Basic Information
 - 10.12.2 TK-FUJIKIN Needle Valves for Hydrogen Product Overview
 - 10.12.3 TK-FUJIKIN Needle Valves for Hydrogen Product Market Performance
 - 10.12.4 TK-FUJIKIN Business Overview
 - 10.12.5 TK-FUJIKIN Recent Developments
- 10.13 DAEJUNG Co.,LTD
 - 10.13.1 DAEJUNG Co.,LTD Basic Information

- 10.13.2 DAEJUNG Co.,LTD Needle Valves for Hydrogen Product Overview
- 10.13.3 DAEJUNG Co.,LTD Needle Valves for Hydrogen Product Market Performance
- 10.13.4 DAEJUNG Co.,LTD Business Overview
- 10.13.5 DAEJUNG Co.,LTD Recent Developments
- 10.14 RedFluid
 - 10.14.1 RedFluid Basic Information
 - 10.14.2 RedFluid Needle Valves for Hydrogen Product Overview
 - 10.14.3 RedFluid Needle Valves for Hydrogen Product Market Performance
 - 10.14.4 RedFluid Business Overview
 - 10.14.5 RedFluid Recent Developments
- 10.15 Winnellie Group
 - 10.15.1 Winnellie Group Basic Information
 - 10.15.2 Winnellie Group Needle Valves for Hydrogen Product Overview
 - 10.15.3 Winnellie Group Needle Valves for Hydrogen Product Market Performance
 - 10.15.4 Winnellie Group Business Overview
 - 10.15.5 Winnellie Group Recent Developments
- 10.16 Ningbo Sanan Valve Manufacture
 - 10.16.1 Ningbo Sanan Valve Manufacture Basic Information
 - 10.16.2 Ningbo Sanan Valve Manufacture Needle Valves for Hydrogen Product Overview
 - 10.16.3 Ningbo Sanan Valve Manufacture Needle Valves for Hydrogen Product Market Performance
 - 10.16.4 Ningbo Sanan Valve Manufacture Business Overview
 - 10.16.5 Ningbo Sanan Valve Manufacture Recent Developments
- 10.17 Ftxt Energy Technology
 - 10.17.1 Ftxt Energy Technology Basic Information
 - 10.17.2 Ftxt Energy Technology Needle Valves for Hydrogen Product Overview
 - 10.17.3 Ftxt Energy Technology Needle Valves for Hydrogen Product Market Performance
 - 10.17.4 Ftxt Energy Technology Business Overview
 - 10.17.5 Ftxt Energy Technology Recent Developments

11 NEEDLE VALVES FOR HYDROGEN MARKET FORECAST BY REGION

- 11.1 Global Needle Valves for Hydrogen Market Size Forecast
- 11.2 Global Needle Valves for Hydrogen Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe Needle Valves for Hydrogen Market Size Forecast by Country
 - 11.2.3 Asia Pacific Needle Valves for Hydrogen Market Size Forecast by Region

- 11.2.4 South America Needle Valves for Hydrogen Market Size Forecast by Country
- 11.2.5 Middle East and Africa Forecasted Sales of Needle Valves for Hydrogen by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)

- 12.1 Global Needle Valves for Hydrogen Market Forecast by Type (2026-2035)
 - 12.1.1 Global Forecasted Sales of Needle Valves for Hydrogen by Type (2026-2035)
 - 12.1.2 Global Needle Valves for Hydrogen Market Size Forecast by Type (2026-2035)
 - 12.1.3 Global Forecasted Price of Needle Valves for Hydrogen by Type (2026-2035)
- 12.2 Global Needle Valves for Hydrogen Market Forecast by Application (2026-2035)
 - 12.2.1 Global Needle Valves for Hydrogen Sales (K Units) Forecast by Application
 - 12.2.2 Global Needle Valves for Hydrogen Market Size (M USD) Forecast by Application (2026-2035)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Global Needle Valves for Hydrogen Market Size by Type (M USD)

Table 4. Global Needle Valves for Hydrogen Market Size by Application

Table 5. Needle Valves for Hydrogen Market Size Comparison by Region (M USD)

Table 6. Global Needle Valves for Hydrogen Sales (K Units) by Manufacturers
(2020-2025)

Table 7. Global Needle Valves for Hydrogen Sales Market Share by Manufacturers
(2020-2025)

Table 8. Global Needle Valves for Hydrogen Revenue (M USD) by Manufacturers
(2020-2025)

Table 9. Global Needle Valves for Hydrogen Revenue Share by Manufacturers
(2020-2025)

Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in
Needle Valves for Hydrogen as of 2025)

Table 11. Global Market Needle Valves for Hydrogen Average Price (USD/Unit) of Key
Manufacturers (2020-2025)

Table 12. Manufacturers? Manufacturing Sites, Areas Served

Table 13. Manufacturers? Product Type

Table 14. Global Needle Valves for Hydrogen Manufacturers Market Concentration
Ratio (CR5 and HHI)

Table 15. Mergers & Acquisitions, Expansion Plans

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Needle Valves for Hydrogen Market Challenges

Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026

Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027

Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026

Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading
Countries

Table 26. Global Needle Valves for Hydrogen Sales by Type (K Units)

Table 27. Global Needle Valves for Hydrogen Market Size by Type (M USD)

- Table 28. Global Needle Valves for Hydrogen Sales (K Units) by Type (2020-2025)
- Table 29. Global Needle Valves for Hydrogen Sales Market Share by Type (2020-2025)
- Table 30. Global Needle Valves for Hydrogen Market Size (M USD) by Type (2020-2025)
- Table 31. Global Needle Valves for Hydrogen Market Share by Type (2020-2025)
- Table 32. Global Needle Valves for Hydrogen Price (USD/Unit) by Type (2020-2025)
- Table 33. Global Needle Valves for Hydrogen Sales (K Units) by Application
- Table 34. Global Needle Valves for Hydrogen Market Size by Application
- Table 35. Global Needle Valves for Hydrogen Sales by Application (2020-2025) & (K Units)
- Table 36. Global Needle Valves for Hydrogen Sales Market Share by Application (2020-2025)
- Table 37. Global Needle Valves for Hydrogen Market Size by Application (2020-2025) & (M USD)
- Table 38. Global Needle Valves for Hydrogen Market Share by Application (2020-2025)
- Table 39. Global Needle Valves for Hydrogen Sales Growth Rate by Application (2020-2025)
- Table 40. Global Needle Valves for Hydrogen Sales by Region (2020-2025) & (K Units)
- Table 41. Global Needle Valves for Hydrogen Sales Market Share by Region (2020-2025)
- Table 42. Global Needle Valves for Hydrogen Market Size by Region (2020-2025) & (M USD)
- Table 43. Global Needle Valves for Hydrogen Market Size by Region (2020-2025)
- Table 44. North America Needle Valves for Hydrogen Sales by Country (2020-2025) & (K Units)
- Table 45. North America Needle Valves for Hydrogen Market Size by Country (2020-2025) & (M USD)
- Table 46. Europe Needle Valves for Hydrogen Sales by Country (2020-2025) & (K Units)
- Table 47. Europe Needle Valves for Hydrogen Market Size by Country (2020-2025) & (M USD)
- Table 48. Asia Pacific Needle Valves for Hydrogen Sales by Region (2020-2025) & (K Units)
- Table 49. Asia Pacific Needle Valves for Hydrogen Market Size by Region (2020-2025) & (M USD)
- Table 50. South America Needle Valves for Hydrogen Sales by Country (2020-2025) & (K Units)
- Table 51. South America Needle Valves for Hydrogen Market Size by Country (2020-2025) & (M USD)

Table 52. Middle East and Africa Needle Valves for Hydrogen Sales by Region (2020-2025) & (K Units)

Table 53. Middle East and Africa Needle Valves for Hydrogen Market Size by Region (2020-2025) & (M USD)

Table 54. Global Needle Valves for Hydrogen Production (K Units) by Region(2020-2025)

Table 55. Global Needle Valves for Hydrogen Revenue (US\$ Million) by Region (2020-2025)

Table 56. Global Needle Valves for Hydrogen Revenue Market Share by Region (2020-2025)

Table 57. Global Needle Valves for Hydrogen Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 58. North America Needle Valves for Hydrogen Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. Europe Needle Valves for Hydrogen Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. Japan Needle Valves for Hydrogen Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. China Needle Valves for Hydrogen Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 62. Swagelok Company Basic Information

Table 63. Swagelok Company Needle Valves for Hydrogen Product Overview

Table 64. Swagelok Company Needle Valves for Hydrogen Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. Swagelok Company Business Overview

Table 66. Swagelok Company SWOT Analysis

Table 67. Swagelok Company Recent Developments

Table 68. HY-LOK Basic Information

Table 69. HY-LOK Needle Valves for Hydrogen Product Overview

Table 70. HY-LOK Needle Valves for Hydrogen Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 71. HY-LOK Business Overview

Table 72. HY-LOK SWOT Analysis

Table 73. HY-LOK Recent Developments

Table 74. GFI (Westport Power) Basic Information

Table 75. GFI (Westport Power) Needle Valves for Hydrogen Product Overview

Table 76. GFI (Westport Power) Needle Valves for Hydrogen Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 77. GFI (Westport Power) Business Overview

- Table 78. GFI (Westport Power) SWOT Analysis
- Table 79. GFI (Westport Power) Recent Developments
- Table 80. Oliver Valve Ltd Basic Information
- Table 81. Oliver Valve Ltd Needle Valves for Hydrogen Product Overview
- Table 82. Oliver Valve Ltd Needle Valves for Hydrogen Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 83. Oliver Valve Ltd Business Overview
- Table 84. Oliver Valve Ltd Recent Developments
- Table 85. MHA ZENTGRAF Basic Information
- Table 86. MHA ZENTGRAF Needle Valves for Hydrogen Product Overview
- Table 87. MHA ZENTGRAF Needle Valves for Hydrogen Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 88. MHA ZENTGRAF Business Overview
- Table 89. MHA ZENTGRAF Recent Developments
- Table 90. EVMETAL.DK Basic Information
- Table 91. EVMETAL.DK Needle Valves for Hydrogen Product Overview
- Table 92. EVMETAL.DK Needle Valves for Hydrogen Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 93. EVMETAL.DK Business Overview
- Table 94. EVMETAL.DK Recent Developments
- Table 95. FITOK Group. Basic Information
- Table 96. FITOK Group. Needle Valves for Hydrogen Product Overview
- Table 97. FITOK Group. Needle Valves for Hydrogen Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 98. FITOK Group. Business Overview
- Table 99. FITOK Group. Recent Developments
- Table 100. OMB SALERI Basic Information
- Table 101. OMB SALERI Needle Valves for Hydrogen Product Overview
- Table 102. OMB SALERI Needle Valves for Hydrogen Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 103. OMB SALERI Business Overview
- Table 104. OMB SALERI Recent Developments
- Table 105. GSR Ventiltechnik Basic Information
- Table 106. GSR Ventiltechnik Needle Valves for Hydrogen Product Overview
- Table 107. GSR Ventiltechnik Needle Valves for Hydrogen Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 108. GSR Ventiltechnik Business Overview
- Table 109. GSR Ventiltechnik Recent Developments
- Table 110. Rotarex Basic Information

- Table 111. Rotarex Needle Valves for Hydrogen Product Overview
- Table 112. Rotarex Needle Valves for Hydrogen Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 113. Rotarex Business Overview
- Table 114. Rotarex Recent Developments
- Table 115. Schrader Pacific Basic Information
- Table 116. Schrader Pacific Needle Valves for Hydrogen Product Overview
- Table 117. Schrader Pacific Needle Valves for Hydrogen Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 118. Schrader Pacific Business Overview
- Table 119. Schrader Pacific Recent Developments
- Table 120. TK-FUJIKIN Basic Information
- Table 121. TK-FUJIKIN Needle Valves for Hydrogen Product Overview
- Table 122. TK-FUJIKIN Needle Valves for Hydrogen Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 123. TK-FUJIKIN Business Overview
- Table 124. TK-FUJIKIN Recent Developments
- Table 125. DAEJUNG Co.,LTD Basic Information
- Table 126. DAEJUNG Co.,LTD Needle Valves for Hydrogen Product Overview
- Table 127. DAEJUNG Co.,LTD Needle Valves for Hydrogen Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 128. DAEJUNG Co.,LTD Business Overview
- Table 129. DAEJUNG Co.,LTD Recent Developments
- Table 130. RedFluid Basic Information
- Table 131. RedFluid Needle Valves for Hydrogen Product Overview
- Table 132. RedFluid Needle Valves for Hydrogen Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 133. RedFluid Business Overview
- Table 134. RedFluid Recent Developments
- Table 135. Winnellie Group Basic Information
- Table 136. Winnellie Group Needle Valves for Hydrogen Product Overview
- Table 137. Winnellie Group Needle Valves for Hydrogen Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 138. Winnellie Group Business Overview
- Table 139. Winnellie Group Recent Developments
- Table 140. Ningbo Sanan Valve Manufacture Basic Information
- Table 141. Ningbo Sanan Valve Manufacture Needle Valves for Hydrogen Product Overview
- Table 142. Ningbo Sanan Valve Manufacture Needle Valves for Hydrogen Sales (K

Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 143. Ningbo Sanan Valve Manufacture Business Overview

Table 144. Ningbo Sanan Valve Manufacture Recent Developments

Table 145. Fttx Energy Technology Basic Information

Table 146. Fttx Energy Technology Needle Valves for Hydrogen Product Overview

Table 147. Fttx Energy Technology Needle Valves for Hydrogen Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 148. Fttx Energy Technology Business Overview

Table 149. Fttx Energy Technology Recent Developments

Table 150. Global Needle Valves for Hydrogen Sales Forecast by Region (2026-2035) & (K Units)

Table 151. Global Needle Valves for Hydrogen Market Size Forecast by Region (2026-2035) & (M USD)

Table 152. North America Needle Valves for Hydrogen Sales Forecast by Country (2026-2035) & (K Units)

Table 153. North America Needle Valves for Hydrogen Market Size Forecast by Country (2026-2035) & (M USD)

Table 154. Europe Needle Valves for Hydrogen Sales Forecast by Country (2026-2035) & (K Units)

Table 155. Europe Needle Valves for Hydrogen Market Size Forecast by Country (2026-2035) & (M USD)

Table 156. Asia Pacific Needle Valves for Hydrogen Sales Forecast by Region (2026-2035) & (K Units)

Table 157. Asia Pacific Needle Valves for Hydrogen Market Size Forecast by Region (2026-2035) & (M USD)

Table 158. South America Needle Valves for Hydrogen Sales Forecast by Country (2026-2035) & (K Units)

Table 159. South America Needle Valves for Hydrogen Market Size Forecast by Country (2026-2035) & (M USD)

Table 160. Middle East and Africa Needle Valves for Hydrogen Sales Forecast by Country (2026-2035) & (Units)

Table 161. Middle East and Africa Needle Valves for Hydrogen Market Size Forecast by Country (2026-2035) & (M USD)

Table 162. Global Needle Valves for Hydrogen Sales Forecast by Type (2026-2035) & (K Units)

Table 163. Global Needle Valves for Hydrogen Market Size Forecast by Type (2026-2035) & (M USD)

Table 164. Global Needle Valves for Hydrogen Price Forecast by Type (2026-2035) & (USD/Unit)

Table 165. Global Needle Valves for Hydrogen Sales (K Units) Forecast by Application (2026-2035)

Table 166. Global Needle Valves for Hydrogen Market Size Forecast by Application (2026-2035) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Needle Valves for Hydrogen
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Needle Valves for Hydrogen Market Size (M USD), 2025-2035
- Figure 5. Global Needle Valves for Hydrogen Market Size (M USD) (2020-2035)
- Figure 6. Global Needle Valves for Hydrogen Sales (K Units) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Needle Valves for Hydrogen Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Needle Valves for Hydrogen Product Life Cycle
- Figure 13. Needle Valves for Hydrogen Sales Share by Manufacturers in 2025
- Figure 14. Global Needle Valves for Hydrogen Revenue Share by Manufacturers in 2025
- Figure 15. Needle Valves for Hydrogen Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Needle Valves for Hydrogen Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Needle Valves for Hydrogen Revenue in 2025
- Figure 18. Industry Chain Map of Needle Valves for Hydrogen
- Figure 19. Global Needle Valves for Hydrogen Market PEST Analysis
- Figure 20. Global Needle Valves for Hydrogen Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Needle Valves for Hydrogen Market Share by Type
- Figure 27. Sales Market Share of Needle Valves for Hydrogen by Type (2020-2025)
- Figure 28. Sales Market Share of Needle Valves for Hydrogen by Type in 2025
- Figure 29. Market Share of Needle Valves for Hydrogen by Type (2020-2025)
- Figure 30. Market Share of Needle Valves for Hydrogen by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

- Figure 32. Global Needle Valves for Hydrogen Market Share by Application
- Figure 33. Global Needle Valves for Hydrogen Sales Market Share by Application (2020-2025)
- Figure 34. Global Needle Valves for Hydrogen Sales Market Share by Application in 2025
- Figure 35. Global Needle Valves for Hydrogen Market Share by Application (2020-2025)
- Figure 36. Global Needle Valves for Hydrogen Market Share by Application in 2025
- Figure 37. Global Needle Valves for Hydrogen Sales Growth Rate by Application (2020-2025)
- Figure 38. Global Needle Valves for Hydrogen Sales Market Share by Region (2020-2025)
- Figure 39. Global Needle Valves for Hydrogen Market Size by Region (2020-2025)
- Figure 40. North America Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)
- Figure 41. North America Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)
- Figure 42. North America Needle Valves for Hydrogen Sales Market Share by Country in 2024
- Figure 43. North America Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 44. North America Needle Valves for Hydrogen Market Size by Country in 2024
- Figure 45. U.S. Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)
- Figure 46. U.S. Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 47. Canada Needle Valves for Hydrogen Sales (K Units) and Growth Rate (2020-2025)
- Figure 48. Canada Needle Valves for Hydrogen Market Size (M USD) and Growth Rate (2020-2025)
- Figure 49. Mexico Needle Valves for Hydrogen Sales (Units) and Growth Rate (2020-2025)
- Figure 50. Mexico Needle Valves for Hydrogen Market Size (Units) and Growth Rate (2020-2025)
- Figure 51. Europe Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)
- Figure 52. Europe Needle Valves for Hydrogen Sales Market Share by Country in 2024
- Figure 53. Europe Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 54. Europe Needle Valves for Hydrogen Market Size by Country in 2024

Figure 55. Germany Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Needle Valves for Hydrogen Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Needle Valves for Hydrogen Sales Market Share by Region in 2024

Figure 67. Asia Pacific Needle Valves for Hydrogen Market Size by Region in 2024

Figure 68. China Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025)

& (M USD)

Figure 76. Southeast Asia Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Needle Valves for Hydrogen Sales and Growth Rate (K Units)

Figure 79. South America Needle Valves for Hydrogen Sales Market Share by Country in 2024

Figure 80. South America Needle Valves for Hydrogen Market Size and Growth Rate (M USD)

Figure 81. South America Needle Valves for Hydrogen Market Size by Country in 2024

Figure 82. Brazil Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Needle Valves for Hydrogen Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Needle Valves for Hydrogen Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Needle Valves for Hydrogen Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Needle Valves for Hydrogen Market Size by Region in 2024

Figure 92. Saudi Arabia Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Needle Valves for Hydrogen Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa Needle Valves for Hydrogen Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Needle Valves for Hydrogen Production Market Share by Region (2020-2025)

Figure 103. North America Needle Valves for Hydrogen Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe Needle Valves for Hydrogen Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan Needle Valves for Hydrogen Production (K Units) Growth Rate (2020-2025)

Figure 106. China Needle Valves for Hydrogen Production (K Units) Growth Rate (2020-2025)

Figure 107. Global Needle Valves for Hydrogen Sales Forecast by Volume (2020-2035) & (K Units)

Figure 108. Global Needle Valves for Hydrogen Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Needle Valves for Hydrogen Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Needle Valves for Hydrogen Market Share Forecast by Type (2026-2035)

Figure 111. Global Needle Valves for Hydrogen Sales Forecast by Application (2026-2035)

Figure 112. Global Needle Valves for Hydrogen Market Share Forecast by Application (2026-2035)

I would like to order

Product name: Global Needle Valves for Hydrogen Market Research Report 2026(Status and Outlook)

Product link: <https://marketpublishers.com/r/G646D53E1E7EEN.html>

Price: US\$ 2,980.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G646D53E1E7EEN.html>