

Global Hydrogen Recirculation Gastight Pump Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G3A7CC2FF079EN.html>

Date: July 2026

Pages: 121

Price: US\$ 4,480.00 (Single User License)

ID: G3A7CC2FF079EN

Abstracts

The global Hydrogen Recirculation Gastight Pump market size is expected to reach \$ 607 million by 2032, rising at a market growth of 12.2% CAGR during the forecast period (2026-2032).

The hydrogen recirculation gastight pump delivers H₂ to fuel cells, powering hydrogen fuel cell vehicles like forklifts, busses, airport vehicles or marine vessels. It is among the most important components of a fuel cell system. Its efficiency, performance and very low noise and vibration are vital in the operation of a fuel cell. The dimensions are also important as they affect the size and weight of the fuel cell. Hydrogen Recirculation Gastight Pump is a sealed and leak-tight pump used in fuel cell hydrogen circulation systems to return unused hydrogen from the anode outlet back to the fuel cell stack inlet. It is designed to handle hydrogen safely under low-pressure and high-purity conditions, with features such as oil-free operation, low leakage, corrosion resistance, stable flow control, and long service life. This pump helps improve hydrogen utilization, maintain anode pressure balance, reduce hydrogen waste, and support the stable operation of fuel cell systems in vehicles, stationary power systems, forklifts, marine applications, and other hydrogen energy equipment. In 2025, global Hydrogen Recirculation Gastight Pump production reached approximately 72.1 k units, with an average global market price of around 3520 USD/unit. The production capacity for Hydrogen Recirculation Gastight Pump in 2025 was approximately 80 k units. The typical gross profit margin for Hydrogen Recirculation Gastight Pump between 20% and 40%.

Hydrogen Recirculation Gastight Pump market refers to the market for leak-tight hydrogen recirculation pumps used in fuel cell systems, mainly driven by the growth of hydrogen fuel cell vehicles, commercial vehicles, material handling equipment,

stationary power generation, and marine fuel cell applications. As fuel cell systems require higher efficiency, longer durability, lower hydrogen leakage, and better safety performance, demand for oil-free, compact, low-noise, and high-reliability gastight pumps is increasing. The market is still relatively specialized, with suppliers from Germany, Japan, the United States, and China competing through technology routes such as Roots, scroll, diaphragm, and claw-type pumps, while localization and cost reduction are becoming important trends in China and other emerging hydrogen markets.

This report studies the global Hydrogen Recirculation Gastight Pump production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Hydrogen Recirculation Gastight Pump 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 Hydrogen Recirculation Gastight Pump that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Hydrogen Recirculation Gastight Pump total production and demand, 2021-2032, (K Units)

Global Hydrogen Recirculation Gastight Pump total production value, 2021-2032, (USD Million)

Global Hydrogen Recirculation Gastight Pump production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Hydrogen Recirculation Gastight Pump consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Hydrogen Recirculation Gastight Pump domestic production, consumption, key domestic manufacturers and share

Global Hydrogen Recirculation Gastight Pump production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Hydrogen Recirculation Gastight Pump production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Hydrogen Recirculation Gastight Pump production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Hydrogen Recirculation Gastight Pump

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 Busch Vacuum Solutions, Ogura Industrial Corp, Robert Bosch, Techno Takatsuki Co, Toyoda Gosei, KNF Group, Air Squared, Rheinmetall, Barber-Nichols, Wise Drive, 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 Hydrogen Recirculation Gastight Pump 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 Hydrogen Recirculation Gastight Pump Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Hydrogen Recirculation Gastight Pump Market, Segmentation by Type:

Roots

Claw

Scroll

Global Hydrogen Recirculation Gastight Pump Market, Segmentation by Structural Form:

Mechanical Circulation

Electric Hydrogen Circulation

Others

Global Hydrogen Recirculation Gastight Pump Market, Segmentation by Power:

150 kW

Global Hydrogen Recirculation Gastight Pump Market, Segmentation by Application:

Passenger Car

Commercial Vehicle

Companies Profiled:

Busch Vacuum Solutions

Ogura Industrial Corp

Robert Bosch

Techno Takatsuki Co

Toyoda Gosei

KNF Group

Air Squared

Rheinmetall

Barber-Nichols

Wise Drive

JiNan Super Technology

Fujian Snowman

Beijing Aier Aviation Technology

Dondel Industrial

Key Questions Answered:

1. How big is the global Hydrogen Recirculation Gastight Pump market?
2. What is the demand of the global Hydrogen Recirculation Gastight Pump market?
3. What is the year over year growth of the global Hydrogen Recirculation Gastight Pump market?
4. What is the production and production value of the global Hydrogen Recirculation Gastight Pump market?
5. Who are the key producers in the global Hydrogen Recirculation Gastight Pump market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Hydrogen Recirculation Gastight Pump Introduction
- 1.2 World Hydrogen Recirculation Gastight Pump Supply & Forecast
 - 1.2.1 World Hydrogen Recirculation Gastight Pump Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Hydrogen Recirculation Gastight Pump Production (2021-2032)
 - 1.2.3 World Hydrogen Recirculation Gastight Pump Pricing Trends (2021-2032)
- 1.3 World Hydrogen Recirculation Gastight Pump Production by Region (Based on Production Site)
 - 1.3.1 World Hydrogen Recirculation Gastight Pump Production Value by Region (2021-2032)
 - 1.3.2 World Hydrogen Recirculation Gastight Pump Production by Region (2021-2032)
 - 1.3.3 World Hydrogen Recirculation Gastight Pump Average Price by Region (2021-2032)
 - 1.3.4 North America Hydrogen Recirculation Gastight Pump Production (2021-2032)
 - 1.3.5 Europe Hydrogen Recirculation Gastight Pump Production (2021-2032)
 - 1.3.6 China Hydrogen Recirculation Gastight Pump Production (2021-2032)
 - 1.3.7 Japan Hydrogen Recirculation Gastight Pump Production (2021-2032)
 - 1.3.8 South Korea Hydrogen Recirculation Gastight Pump Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Hydrogen Recirculation Gastight Pump Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Hydrogen Recirculation Gastight Pump Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Hydrogen Recirculation Gastight Pump Demand (2021-2032)
- 2.2 World Hydrogen Recirculation Gastight Pump Consumption by Region
 - 2.2.1 World Hydrogen Recirculation Gastight Pump Consumption by Region (2021-2026)
 - 2.2.2 World Hydrogen Recirculation Gastight Pump Consumption Forecast by Region (2027-2032)
- 2.3 United States Hydrogen Recirculation Gastight Pump Consumption (2021-2032)
- 2.4 China Hydrogen Recirculation Gastight Pump Consumption (2021-2032)
- 2.5 Europe Hydrogen Recirculation Gastight Pump Consumption (2021-2032)
- 2.6 Japan Hydrogen Recirculation Gastight Pump Consumption (2021-2032)

- 2.7 South Korea Hydrogen Recirculation Gastight Pump Consumption (2021-2032)
- 2.8 ASEAN Hydrogen Recirculation Gastight Pump Consumption (2021-2032)
- 2.9 India Hydrogen Recirculation Gastight Pump Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Hydrogen Recirculation Gastight Pump Production Value by Manufacturer (2021-2026)
- 3.2 World Hydrogen Recirculation Gastight Pump Production by Manufacturer (2021-2026)
- 3.3 World Hydrogen Recirculation Gastight Pump Average Price by Manufacturer (2021-2026)
- 3.4 Hydrogen Recirculation Gastight Pump Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Hydrogen Recirculation Gastight Pump Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Hydrogen Recirculation Gastight Pump in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Hydrogen Recirculation Gastight Pump in 2025
- 3.6 Hydrogen Recirculation Gastight Pump Market: Overall Company Footprint Analysis
 - 3.6.1 Hydrogen Recirculation Gastight Pump Market: Region Footprint
 - 3.6.2 Hydrogen Recirculation Gastight Pump Market: Company Product Type Footprint
 - 3.6.3 Hydrogen Recirculation Gastight Pump Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Hydrogen Recirculation Gastight Pump Production Value Comparison
 - 4.1.1 United States VS China: Hydrogen Recirculation Gastight Pump Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Hydrogen Recirculation Gastight Pump Production

Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Hydrogen Recirculation Gastight Pump Production Comparison

4.2.1 United States VS China: Hydrogen Recirculation Gastight Pump Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Hydrogen Recirculation Gastight Pump Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Hydrogen Recirculation Gastight Pump Consumption Comparison

4.3.1 United States VS China: Hydrogen Recirculation Gastight Pump Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Hydrogen Recirculation Gastight Pump Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Hydrogen Recirculation Gastight Pump Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Hydrogen Recirculation Gastight Pump Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Hydrogen Recirculation Gastight Pump Production Value (2021-2026)

4.4.3 United States Based Manufacturers Hydrogen Recirculation Gastight Pump Production (2021-2026)

4.5 China Based Hydrogen Recirculation Gastight Pump Manufacturers and Market Share

4.5.1 China Based Hydrogen Recirculation Gastight Pump Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Hydrogen Recirculation Gastight Pump Production Value (2021-2026)

4.5.3 China Based Manufacturers Hydrogen Recirculation Gastight Pump Production (2021-2026)

4.6 Rest of World Based Hydrogen Recirculation Gastight Pump Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Hydrogen Recirculation Gastight Pump Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Hydrogen Recirculation Gastight Pump Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Hydrogen Recirculation Gastight Pump Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Hydrogen Recirculation Gastight Pump Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Roots

5.2.2 Claw

5.2.3 Scroll

5.3 Market Segment by Type

5.3.1 World Hydrogen Recirculation Gastight Pump Production by Type (2021-2032)

5.3.2 World Hydrogen Recirculation Gastight Pump Production Value by Type (2021-2032)

5.3.3 World Hydrogen Recirculation Gastight Pump Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Hydrogen Recirculation Gastight Pump Market Size Overview by Application: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Application

6.2.1 Passenger Car

6.2.2 Commercial Vehicle

6.3 Market Segment by Application

6.3.1 World Hydrogen Recirculation Gastight Pump Production by Application (2021-2032)

6.3.2 World Hydrogen Recirculation Gastight Pump Production Value by Application (2021-2032)

6.3.3 World Hydrogen Recirculation Gastight Pump Average Price by Application (2021-2032)

7 COMPANY PROFILES

7.1 Busch Vacuum Solutions

7.1.1 Busch Vacuum Solutions Details

7.1.2 Busch Vacuum Solutions Major Business

7.1.3 Busch Vacuum Solutions Hydrogen Recirculation Gastight Pump Product and Services

7.1.4 Busch Vacuum Solutions Hydrogen Recirculation Gastight Pump Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.1.5 Busch Vacuum Solutions Recent Developments/Updates

- 7.1.6 Busch Vacuum Solutions Competitive Strengths & Weaknesses
- 7.2 Ogura Industrial
 - 7.2.1 Ogura Industrial Details
 - 7.2.2 Ogura Industrial Major Business
 - 7.2.3 Ogura Industrial Hydrogen Recirculation Gastight Pump Product and Services
 - 7.2.4 Ogura Industrial Hydrogen Recirculation Gastight Pump Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.2.5 Ogura Industrial Recent Developments/Updates
 - 7.2.6 Ogura Industrial Competitive Strengths & Weaknesses
- 7.3 Robert Bosch GmbH
 - 7.3.1 Robert Bosch GmbH Details
 - 7.3.2 Robert Bosch GmbH Major Business
 - 7.3.3 Robert Bosch GmbH Hydrogen Recirculation Gastight Pump Product and Services
 - 7.3.4 Robert Bosch GmbH Hydrogen Recirculation Gastight Pump Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.3.5 Robert Bosch GmbH Recent Developments/Updates
 - 7.3.6 Robert Bosch GmbH Competitive Strengths & Weaknesses
- 7.4 Techno Takatsuki
 - 7.4.1 Techno Takatsuki Details
 - 7.4.2 Techno Takatsuki Major Business
 - 7.4.3 Techno Takatsuki Hydrogen Recirculation Gastight Pump Product and Services
 - 7.4.4 Techno Takatsuki Hydrogen Recirculation Gastight Pump Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.4.5 Techno Takatsuki Recent Developments/Updates
 - 7.4.6 Techno Takatsuki Competitive Strengths & Weaknesses
- 7.5 Toyota Industries
 - 7.5.1 Toyota Industries Details
 - 7.5.2 Toyota Industries Major Business
 - 7.5.3 Toyota Industries Hydrogen Recirculation Gastight Pump Product and Services
 - 7.5.4 Toyota Industries Hydrogen Recirculation Gastight Pump Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.5.5 Toyota Industries Recent Developments/Updates
 - 7.5.6 Toyota Industries Competitive Strengths & Weaknesses
- 7.6 KNF Group
 - 7.6.1 KNF Group Details
 - 7.6.2 KNF Group Major Business
 - 7.6.3 KNF Group Hydrogen Recirculation Gastight Pump Product and Services
 - 7.6.4 KNF Group Hydrogen Recirculation Gastight Pump Production, Price, Value,

Gross Margin and Market Share (2021-2026)

7.6.5 KNF Group Recent Developments/Updates

7.6.6 KNF Group Competitive Strengths & Weaknesses

7.7 Air Squared

7.7.1 Air Squared Details

7.7.2 Air Squared Major Business

7.7.3 Air Squared Hydrogen Recirculation Gastight Pump Product and Services

7.7.4 Air Squared Hydrogen Recirculation Gastight Pump Production, Price, Value,

Gross Margin and Market Share (2021-2026)

7.7.5 Air Squared Recent Developments/Updates

7.7.6 Air Squared Competitive Strengths & Weaknesses

7.8 Wise Drive

7.8.1 Wise Drive Details

7.8.2 Wise Drive Major Business

7.8.3 Wise Drive Hydrogen Recirculation Gastight Pump Product and Services

7.8.4 Wise Drive Hydrogen Recirculation Gastight Pump Production, Price, Value,

Gross Margin and Market Share (2021-2026)

7.8.5 Wise Drive Recent Developments/Updates

7.8.6 Wise Drive Competitive Strengths & Weaknesses

7.9 Rheinmetall

7.9.1 Rheinmetall Details

7.9.2 Rheinmetall Major Business

7.9.3 Rheinmetall Hydrogen Recirculation Gastight Pump Product and Services

7.9.4 Rheinmetall Hydrogen Recirculation Gastight Pump Production, Price, Value,

Gross Margin and Market Share (2021-2026)

7.9.5 Rheinmetall Recent Developments/Updates

7.9.6 Rheinmetall Competitive Strengths & Weaknesses

7.10 Barber-Nichols

7.10.1 Barber-Nichols Details

7.10.2 Barber-Nichols Major Business

7.10.3 Barber-Nichols Hydrogen Recirculation Gastight Pump Product and Services

7.10.4 Barber-Nichols Hydrogen Recirculation Gastight Pump Production, Price,

Value, Gross Margin and Market Share (2021-2026)

7.10.5 Barber-Nichols Recent Developments/Updates

7.10.6 Barber-Nichols Competitive Strengths & Weaknesses

7.11 JiNan Super Technology

7.11.1 JiNan Super Technology Details

7.11.2 JiNan Super Technology Major Business

7.11.3 JiNan Super Technology Hydrogen Recirculation Gastight Pump Product and

Services

7.11.4 JiNan Super Technology Hydrogen Recirculation Gastight Pump Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.11.5 JiNan Super Technology Recent Developments/Updates

7.11.6 JiNan Super Technology Competitive Strengths & Weaknesses

7.12 Fujian Snowman

7.12.1 Fujian Snowman Details

7.12.2 Fujian Snowman Major Business

7.12.3 Fujian Snowman Hydrogen Recirculation Gastight Pump Product and Services

7.12.4 Fujian Snowman Hydrogen Recirculation Gastight Pump Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.12.5 Fujian Snowman Recent Developments/Updates

7.12.6 Fujian Snowman Competitive Strengths & Weaknesses

7.13 Beijing Aier Aviation Technology

7.13.1 Beijing Aier Aviation Technology Details

7.13.2 Beijing Aier Aviation Technology Major Business

7.13.3 Beijing Aier Aviation Technology Hydrogen Recirculation Gastight Pump Product and Services

7.13.4 Beijing Aier Aviation Technology Hydrogen Recirculation Gastight Pump Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.13.5 Beijing Aier Aviation Technology Recent Developments/Updates

7.13.6 Beijing Aier Aviation Technology Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Hydrogen Recirculation Gastight Pump Industry Chain

8.2 Hydrogen Recirculation Gastight Pump Upstream Analysis

8.2.1 Hydrogen Recirculation Gastight Pump Core Raw Materials

8.2.2 Main Manufacturers of Hydrogen Recirculation Gastight Pump Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Hydrogen Recirculation Gastight Pump Production Mode

8.6 Hydrogen Recirculation Gastight Pump Procurement Model

8.7 Hydrogen Recirculation Gastight Pump Industry Sales Model and Sales Channels

8.7.1 Hydrogen Recirculation Gastight Pump Sales Model

8.7.2 Hydrogen Recirculation Gastight Pump Typical Distributors

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Hydrogen Recirculation Gastight Pump Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Hydrogen Recirculation Gastight Pump Production Value by Region (2021-2026) & (USD Million)

Table 3. World Hydrogen Recirculation Gastight Pump Production Value by Region (2027-2032) & (USD Million)

Table 4. World Hydrogen Recirculation Gastight Pump Production Value Market Share by Region (2021-2026)

Table 5. World Hydrogen Recirculation Gastight Pump Production Value Market Share by Region (2027-2032)

Table 6. World Hydrogen Recirculation Gastight Pump Production by Region (2021-2026) & (K Units)

Table 7. World Hydrogen Recirculation Gastight Pump Production by Region (2027-2032) & (K Units)

Table 8. World Hydrogen Recirculation Gastight Pump Production Market Share by Region (2021-2026)

Table 9. World Hydrogen Recirculation Gastight Pump Production Market Share by Region (2027-2032)

Table 10. World Hydrogen Recirculation Gastight Pump Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Hydrogen Recirculation Gastight Pump Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Hydrogen Recirculation Gastight Pump Major Market Trends

Table 13. World Hydrogen Recirculation Gastight Pump Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)

Table 14. World Hydrogen Recirculation Gastight Pump Consumption by Region (2021-2026) & (K Units)

Table 15. World Hydrogen Recirculation Gastight Pump Consumption Forecast by Region (2027-2032) & (K Units)

Table 16. World Hydrogen Recirculation Gastight Pump Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Hydrogen Recirculation Gastight Pump Producers in 2025

Table 18. World Hydrogen Recirculation Gastight Pump Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key Hydrogen Recirculation Gastight Pump Producers in 2025

Table 20. World Hydrogen Recirculation Gastight Pump Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Hydrogen Recirculation Gastight Pump Company Evaluation Quadrant

Table 22. World Hydrogen Recirculation Gastight Pump Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Hydrogen Recirculation Gastight Pump Production Site of Key Manufacturer

Table 24. Hydrogen Recirculation Gastight Pump Market: Company Product Type Footprint

Table 25. Hydrogen Recirculation Gastight Pump Market: Company Product Application Footprint

Table 26. Hydrogen Recirculation Gastight Pump Competitive Factors

Table 27. Hydrogen Recirculation Gastight Pump New Entrant and Capacity Expansion Plans

Table 28. Hydrogen Recirculation Gastight Pump Mergers & Acquisitions Activity

Table 29. United States VS China Hydrogen Recirculation Gastight Pump Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Hydrogen Recirculation Gastight Pump Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China Hydrogen Recirculation Gastight Pump Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based Hydrogen Recirculation Gastight Pump Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Hydrogen Recirculation Gastight Pump Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Hydrogen Recirculation Gastight Pump Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Hydrogen Recirculation Gastight Pump Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers Hydrogen Recirculation Gastight Pump Production Market Share (2021-2026)

Table 37. China Based Hydrogen Recirculation Gastight Pump Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Hydrogen Recirculation Gastight Pump Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Hydrogen Recirculation Gastight Pump Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Hydrogen Recirculation Gastight Pump Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers Hydrogen Recirculation Gastight Pump Production Market Share (2021-2026)

Table 42. Rest of World Based Hydrogen Recirculation Gastight Pump Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Hydrogen Recirculation Gastight Pump Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Hydrogen Recirculation Gastight Pump Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Hydrogen Recirculation Gastight Pump Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Hydrogen Recirculation Gastight Pump Production Market Share (2021-2026)

Table 47. World Hydrogen Recirculation Gastight Pump Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Hydrogen Recirculation Gastight Pump Production by Type (2021-2026) & (K Units)

Table 49. World Hydrogen Recirculation Gastight Pump Production by Type (2027-2032) & (K Units)

Table 50. World Hydrogen Recirculation Gastight Pump Production Value by Type (2021-2026) & (USD Million)

Table 51. World Hydrogen Recirculation Gastight Pump Production Value by Type (2027-2032) & (USD Million)

Table 52. World Hydrogen Recirculation Gastight Pump Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Hydrogen Recirculation Gastight Pump Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Hydrogen Recirculation Gastight Pump Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 55. World Hydrogen Recirculation Gastight Pump Production by Application (2021-2026) & (K Units)

Table 56. World Hydrogen Recirculation Gastight Pump Production by Application (2027-2032) & (K Units)

Table 57. World Hydrogen Recirculation Gastight Pump Production Value by Application (2021-2026) & (USD Million)

Table 58. World Hydrogen Recirculation Gastight Pump Production Value by Application (2027-2032) & (USD Million)

Table 59. World Hydrogen Recirculation Gastight Pump Average Price by Application

(2021-2026) & (US\$/Unit)

Table 60. World Hydrogen Recirculation Gastight Pump Average Price by Application

(2027-2032) & (US\$/Unit)

Table 61. Busch Vacuum Solutions Basic Information, Manufacturing Base and Competitors

Table 62. Busch Vacuum Solutions Major Business

Table 63. Busch Vacuum Solutions Hydrogen Recirculation Gastight Pump Product and Services

Table 64. Busch Vacuum Solutions Hydrogen Recirculation Gastight Pump Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 65. Busch Vacuum Solutions Recent Developments/Updates

Table 66. Busch Vacuum Solutions Competitive Strengths & Weaknesses

Table 67. Ogura Industrial Basic Information, Manufacturing Base and Competitors

Table 68. Ogura Industrial Major Business

Table 69. Ogura Industrial Hydrogen Recirculation Gastight Pump Product and Services

Table 70. Ogura Industrial Hydrogen Recirculation Gastight Pump Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 71. Ogura Industrial Recent Developments/Updates

Table 72. Ogura Industrial Competitive Strengths & Weaknesses

Table 73. Robert Bosch GmbH Basic Information, Manufacturing Base and Competitors

Table 74. Robert Bosch GmbH Major Business

Table 75. Robert Bosch GmbH Hydrogen Recirculation Gastight Pump Product and Services

Table 76. Robert Bosch GmbH Hydrogen Recirculation Gastight Pump Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 77. Robert Bosch GmbH Recent Developments/Updates

Table 78. Robert Bosch GmbH Competitive Strengths & Weaknesses

Table 79. Techno Takatsuki Basic Information, Manufacturing Base and Competitors

Table 80. Techno Takatsuki Major Business

Table 81. Techno Takatsuki Hydrogen Recirculation Gastight Pump Product and Services

Table 82. Techno Takatsuki Hydrogen Recirculation Gastight Pump Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 83. Techno Takatsuki Recent Developments/Updates

Table 84. Techno Takatsuki Competitive Strengths & Weaknesses

Table 85. Toyota Industries Basic Information, Manufacturing Base and Competitors

Table 86. Toyota Industries Major Business

Table 87. Toyota Industries Hydrogen Recirculation Gastight Pump Product and Services

Table 88. Toyota Industries Hydrogen Recirculation Gastight Pump Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 89. Toyota Industries Recent Developments/Updates

Table 90. Toyota Industries Competitive Strengths & Weaknesses

Table 91. KNF Group Basic Information, Manufacturing Base and Competitors

Table 92. KNF Group Major Business

Table 93. KNF Group Hydrogen Recirculation Gastight Pump Product and Services

Table 94. KNF Group Hydrogen Recirculation Gastight Pump Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 95. KNF Group Recent Developments/Updates

Table 96. KNF Group Competitive Strengths & Weaknesses

Table 97. Air Squared Basic Information, Manufacturing Base and Competitors

Table 98. Air Squared Major Business

Table 99. Air Squared Hydrogen Recirculation Gastight Pump Product and Services

Table 100. Air Squared Hydrogen Recirculation Gastight Pump Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 101. Air Squared Recent Developments/Updates

Table 102. Air Squared Competitive Strengths & Weaknesses

Table 103. Wise Drive Basic Information, Manufacturing Base and Competitors

Table 104. Wise Drive Major Business

Table 105. Wise Drive Hydrogen Recirculation Gastight Pump Product and Services

Table 106. Wise Drive Hydrogen Recirculation Gastight Pump Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 107. Wise Drive Recent Developments/Updates

Table 108. Wise Drive Competitive Strengths & Weaknesses

Table 109. Rheinmetall Basic Information, Manufacturing Base and Competitors

Table 110. Rheinmetall Major Business

Table 111. Rheinmetall Hydrogen Recirculation Gastight Pump Product and Services

Table 112. Rheinmetall Hydrogen Recirculation Gastight Pump Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 113. Rheinmetall Recent Developments/Updates
Table 114. Rheinmetall Competitive Strengths & Weaknesses
Table 115. Barber-Nichols Basic Information, Manufacturing Base and Competitors
Table 116. Barber-Nichols Major Business
Table 117. Barber-Nichols Hydrogen Recirculation Gastight Pump Product and Services
Table 118. Barber-Nichols Hydrogen Recirculation Gastight Pump Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 119. Barber-Nichols Recent Developments/Updates
Table 120. Barber-Nichols Competitive Strengths & Weaknesses
Table 121. JiNan Super Technology Basic Information, Manufacturing Base and Competitors
Table 122. JiNan Super Technology Major Business
Table 123. JiNan Super Technology Hydrogen Recirculation Gastight Pump Product and Services
Table 124. JiNan Super Technology Hydrogen Recirculation Gastight Pump Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 125. JiNan Super Technology Recent Developments/Updates
Table 126. JiNan Super Technology Competitive Strengths & Weaknesses
Table 127. Fujian Snowman Basic Information, Manufacturing Base and Competitors
Table 128. Fujian Snowman Major Business
Table 129. Fujian Snowman Hydrogen Recirculation Gastight Pump Product and Services
Table 130. Fujian Snowman Hydrogen Recirculation Gastight Pump Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 131. Fujian Snowman Recent Developments/Updates
Table 132. Fujian Snowman Competitive Strengths & Weaknesses
Table 133. Beijing Aier Aviation Technology Basic Information, Manufacturing Base and Competitors
Table 134. Beijing Aier Aviation Technology Major Business
Table 135. Beijing Aier Aviation Technology Hydrogen Recirculation Gastight Pump Product and Services
Table 136. Beijing Aier Aviation Technology Hydrogen Recirculation Gastight Pump Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 137. Beijing Aier Aviation Technology Recent Developments/Updates
Table 138. Beijing Aier Aviation Technology Competitive Strengths & Weaknesses

Table 139. Global Key Players of Hydrogen Recirculation Gastight Pump Upstream
(Raw Materials)

Table 140. Global Hydrogen Recirculation Gastight Pump Typical Customers

Table 141. Hydrogen Recirculation Gastight Pump Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Hydrogen Recirculation Gastight Pump Picture

Figure 2. World Hydrogen Recirculation Gastight Pump Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Hydrogen Recirculation Gastight Pump Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Hydrogen Recirculation Gastight Pump Production (2021-2032) & (K Units)

Figure 5. World Hydrogen Recirculation Gastight Pump Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Hydrogen Recirculation Gastight Pump Production Value Market Share by Region (2021-2032)

Figure 7. World Hydrogen Recirculation Gastight Pump Production Market Share by Region (2021-2032)

Figure 8. North America Hydrogen Recirculation Gastight Pump Production (2021-2032) & (K Units)

Figure 9. Europe Hydrogen Recirculation Gastight Pump Production (2021-2032) & (K Units)

Figure 10. China Hydrogen Recirculation Gastight Pump Production (2021-2032) & (K Units)

Figure 11. Japan Hydrogen Recirculation Gastight Pump Production (2021-2032) & (K Units)

Figure 12. South Korea Hydrogen Recirculation Gastight Pump Production (2021-2032) & (K Units)

Figure 13. Hydrogen Recirculation Gastight Pump Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Hydrogen Recirculation Gastight Pump Consumption (2021-2032) & (K Units)

Figure 16. World Hydrogen Recirculation Gastight Pump Consumption Market Share by Region (2021-2032)

Figure 17. United States Hydrogen Recirculation Gastight Pump Consumption (2021-2032) & (K Units)

Figure 18. China Hydrogen Recirculation Gastight Pump Consumption (2021-2032) & (K Units)

Figure 19. Europe Hydrogen Recirculation Gastight Pump Consumption (2021-2032) & (K Units)

Figure 20. Japan Hydrogen Recirculation Gastight Pump Consumption (2021-2032) & (K Units)

Figure 21. South Korea Hydrogen Recirculation Gastight Pump Consumption (2021-2032) & (K Units)

Figure 22. ASEAN Hydrogen Recirculation Gastight Pump Consumption (2021-2032) & (K Units)

Figure 23. India Hydrogen Recirculation Gastight Pump Consumption (2021-2032) & (K Units)

Figure 24. Producer Shipments of Hydrogen Recirculation Gastight Pump by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 25. Global Four-firm Concentration Ratios (CR4) for Hydrogen Recirculation Gastight Pump Markets in 2025

Figure 26. Global Four-firm Concentration Ratios (CR8) for Hydrogen Recirculation Gastight Pump Markets in 2025

Figure 27. United States VS China: Hydrogen Recirculation Gastight Pump Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Hydrogen Recirculation Gastight Pump Production Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: Hydrogen Recirculation Gastight Pump Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States Based Manufacturers Hydrogen Recirculation Gastight Pump Production Market Share 2025

Figure 31. China Based Manufacturers Hydrogen Recirculation Gastight Pump Production Market Share 2025

Figure 32. Rest of World Based Manufacturers Hydrogen Recirculation Gastight Pump Production Market Share 2025

Figure 33. World Hydrogen Recirculation Gastight Pump Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 34. World Hydrogen Recirculation Gastight Pump Production Value Market Share by Type in 2025

Figure 35. Roots

Figure 36. Claw

Figure 37. Scroll

Figure 38. World Hydrogen Recirculation Gastight Pump Production Market Share by Type (2021-2032)

Figure 39. World Hydrogen Recirculation Gastight Pump Production Value Market Share by Type (2021-2032)

Figure 40. World Hydrogen Recirculation Gastight Pump Average Price by Type (2021-2032) & (US\$/Unit)

Figure 41. World Hydrogen Recirculation Gastight Pump Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 42. World Hydrogen Recirculation Gastight Pump Production Value Market Share by Application in 2025

Figure 43. Passenger Car

Figure 44. Commercial Vehicle

Figure 45. World Hydrogen Recirculation Gastight Pump Production Market Share by Application (2021-2032)

Figure 46. World Hydrogen Recirculation Gastight Pump Production Value Market Share by Application (2021-2032)

Figure 47. World Hydrogen Recirculation Gastight Pump Average Price by Application (2021-2032) & (US\$/Unit)

Figure 48. Hydrogen Recirculation Gastight Pump Industry Chain

Figure 49. Hydrogen Recirculation Gastight Pump Procurement Model

Figure 50. Hydrogen Recirculation Gastight Pump Sales Model

Figure 51. Hydrogen Recirculation Gastight Pump Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source

I would like to order

Product name: Global Hydrogen Recirculation Gastight Pump Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G3A7CC2FF079EN.html>

Price: US\$ 4,480.00 (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/G3A7CC2FF079EN.html>