

Global Pilot-operated Hydrogen Solenoid Valve Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G5620DE6EE84EN.html>

Date: May 2026

Pages: 146

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

ID: G5620DE6EE84EN

Abstracts

The global Pilot-operated Hydrogen Solenoid Valve market size is expected to reach \$ 345 million by 2032, rising at a market growth of 8.6% CAGR during the forecast period (2026-2032).

Pilot-operated hydrogen solenoid valves are high-pressure fluid control components used in hydrogen systems, widely applied in fuel cell systems, hydrogen refueling stations, hydrogen storage and transportation equipment, and industrial hydrogen pipeline systems. They operate by using pilot pressure to actuate the main valve core, enabling precise control of hydrogen flow. Compared with direct-acting solenoid valves, pilot-operated structures are better suited for medium-to-high pressure and high-flow conditions, enabling larger orifice control under lower electromagnetic force while offering higher stability and sealing performance. These valves typically adopt stainless steel bodies, high-pressure resistant sealing materials, and anti-hydrogen embrittlement designs, making them essential safety components in hydrogen energy systems. In 2025, the global market for pilot-operated hydrogen solenoid valves is estimated at approximately USD185 million, with annual shipments of around 740,000 units, resulting in an average selling price of about USD250 per unit. The market is expected to grow at a CAGR of approximately 8.8%. Typical single-line production capacity ranges from 300,000 to 2,000,000 units per year, while industry gross margins generally fall between 28% and 45%.

This report studies the global Pilot-operated Hydrogen Solenoid Valve production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Pilot-operated Hydrogen Solenoid 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 Pilot-operated Hydrogen Solenoid Valve that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Pilot-operated Hydrogen Solenoid Valve total production and demand, 2021-2032, (Units)

Global Pilot-operated Hydrogen Solenoid Valve total production value, 2021-2032, (USD Million)

Global Pilot-operated Hydrogen Solenoid Valve production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global Pilot-operated Hydrogen Solenoid Valve consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: Pilot-operated Hydrogen Solenoid Valve domestic production, consumption, key domestic manufacturers and share

Global Pilot-operated Hydrogen Solenoid Valve production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global Pilot-operated Hydrogen Solenoid Valve production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Pilot-operated Hydrogen Solenoid Valve production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Pilot-operated Hydrogen Solenoid 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 Emerson, Magnet Schultz, Westport Fuel Systems, OMB SALERI, Bitron, ETO GRUPPE, IMI Norgren, B?rkert, EKK Eagle, Hamai Industries, 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 Pilot-operated Hydrogen Solenoid Valve market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (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 Pilot-operated Hydrogen Solenoid Valve Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Pilot-operated Hydrogen Solenoid Valve Market, Segmentation by Type:

Normally Open Solenoid Valve

Normally Closed Solenoid Valve

Global Pilot-operated Hydrogen Solenoid Valve Market, Segmentation by Pressure Rating:

Low-pressure Valves

Medium-pressure Valves

High-pressure Valves

Global Pilot-operated Hydrogen Solenoid Valve Market, Segmentation by Application:

Hydrogen Refueling Station

Fuel Cell

Others

Companies Profiled:

Emerson

Magnet Schultze

Westport Fuel Systems

OMB SALERI

Bitron

ETO GRUPPE

IMI Norgren

Bürkert

EKK Eagle

Hamai Industries

Parker Hannifin

Eugen Seitz

Magnetbau Schramme

Metatron

M?ller co-ax

Clippard

Jaksa

Key Questions Answered:

1. How big is the global Pilot-operated Hydrogen Solenoid Valve market?
2. What is the demand of the global Pilot-operated Hydrogen Solenoid Valve market?
3. What is the year over year growth of the global Pilot-operated Hydrogen Solenoid Valve market?
4. What is the production and production value of the global Pilot-operated Hydrogen Solenoid Valve market?
5. Who are the key producers in the global Pilot-operated Hydrogen Solenoid Valve market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

- 2.1 World Pilot-operated Hydrogen Solenoid Valve Demand (2021-2032)
- 2.2 World Pilot-operated Hydrogen Solenoid Valve Consumption by Region
 - 2.2.1 World Pilot-operated Hydrogen Solenoid Valve Consumption by Region (2021-2026)
 - 2.2.2 World Pilot-operated Hydrogen Solenoid Valve Consumption Forecast by Region (2027-2032)
- 2.3 United States Pilot-operated Hydrogen Solenoid Valve Consumption (2021-2032)
- 2.4 China Pilot-operated Hydrogen Solenoid Valve Consumption (2021-2032)
- 2.5 Europe Pilot-operated Hydrogen Solenoid Valve Consumption (2021-2032)
- 2.6 Japan Pilot-operated Hydrogen Solenoid Valve Consumption (2021-2032)

- 2.7 South Korea Pilot-operated Hydrogen Solenoid Valve Consumption (2021-2032)
- 2.8 ASEAN Pilot-operated Hydrogen Solenoid Valve Consumption (2021-2032)
- 2.9 India Pilot-operated Hydrogen Solenoid Valve Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Pilot-operated Hydrogen Solenoid Valve Production Value by Manufacturer (2021-2026)
- 3.2 World Pilot-operated Hydrogen Solenoid Valve Production by Manufacturer (2021-2026)
- 3.3 World Pilot-operated Hydrogen Solenoid Valve Average Price by Manufacturer (2021-2026)
- 3.4 Pilot-operated Hydrogen Solenoid Valve Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Pilot-operated Hydrogen Solenoid Valve Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Pilot-operated Hydrogen Solenoid Valve in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Pilot-operated Hydrogen Solenoid Valve in 2025
- 3.6 Pilot-operated Hydrogen Solenoid Valve Market: Overall Company Footprint Analysis
 - 3.6.1 Pilot-operated Hydrogen Solenoid Valve Market: Region Footprint
 - 3.6.2 Pilot-operated Hydrogen Solenoid Valve Market: Company Product Type Footprint
 - 3.6.3 Pilot-operated Hydrogen Solenoid Valve 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: Pilot-operated Hydrogen Solenoid Valve Production Value Comparison
 - 4.1.1 United States VS China: Pilot-operated Hydrogen Solenoid Valve Production

Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Pilot-operated Hydrogen Solenoid Valve Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Pilot-operated Hydrogen Solenoid Valve Production Comparison

4.2.1 United States VS China: Pilot-operated Hydrogen Solenoid Valve Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Pilot-operated Hydrogen Solenoid Valve Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Pilot-operated Hydrogen Solenoid Valve Consumption Comparison

4.3.1 United States VS China: Pilot-operated Hydrogen Solenoid Valve Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Pilot-operated Hydrogen Solenoid Valve Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Pilot-operated Hydrogen Solenoid Valve Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Pilot-operated Hydrogen Solenoid Valve Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production Value (2021-2026)

4.4.3 United States Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production (2021-2026)

4.5 China Based Pilot-operated Hydrogen Solenoid Valve Manufacturers and Market Share

4.5.1 China Based Pilot-operated Hydrogen Solenoid Valve Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production Value (2021-2026)

4.5.3 China Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production (2021-2026)

4.6 Rest of World Based Pilot-operated Hydrogen Solenoid Valve Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Pilot-operated Hydrogen Solenoid Valve Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Pilot-operated Hydrogen Solenoid Valve Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Normally Open Solenoid Valve

5.2.2 Normally Closed Solenoid Valve

5.3 Market Segment by Type

5.3.1 World Pilot-operated Hydrogen Solenoid Valve Production by Type (2021-2032)

5.3.2 World Pilot-operated Hydrogen Solenoid Valve Production Value by Type (2021-2032)

5.3.3 World Pilot-operated Hydrogen Solenoid Valve Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY PRESSURE RATING

6.1 World Pilot-operated Hydrogen Solenoid Valve Market Size Overview by Pressure Rating: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Pressure Rating

6.2.1 Low-pressure Valves

6.2.2 Medium-pressure Valves

6.2.3 High-pressure Valves

6.3 Market Segment by Pressure Rating

6.3.1 World Pilot-operated Hydrogen Solenoid Valve Production by Pressure Rating (2021-2032)

6.3.2 World Pilot-operated Hydrogen Solenoid Valve Production Value by Pressure Rating (2021-2032)

6.3.3 World Pilot-operated Hydrogen Solenoid Valve Average Price by Pressure Rating (2021-2032)

7 MARKET ANALYSIS BY APPLICATION

7.1 World Pilot-operated Hydrogen Solenoid Valve Market Size Overview by Application: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Application

7.2.1 Hydrogen Refueling Station

7.2.2 Fuel Cell

7.2.3 Others

7.3 Market Segment by Application

7.3.1 World Pilot-operated Hydrogen Solenoid Valve Production by Application (2021-2032)

7.3.2 World Pilot-operated Hydrogen Solenoid Valve Production Value by Application (2021-2032)

7.3.3 World Pilot-operated Hydrogen Solenoid Valve Average Price by Application (2021-2032)

8 COMPANY PROFILES

8.1 Emerson

8.1.1 Emerson Details

8.1.2 Emerson Major Business

8.1.3 Emerson Pilot-operated Hydrogen Solenoid Valve Product and Services

8.1.4 Emerson Pilot-operated Hydrogen Solenoid Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.1.5 Emerson Recent Developments/Updates

8.1.6 Emerson Competitive Strengths & Weaknesses

8.2 Magnet Schultze

8.2.1 Magnet Schultze Details

8.2.2 Magnet Schultze Major Business

8.2.3 Magnet Schultze Pilot-operated Hydrogen Solenoid Valve Product and Services

8.2.4 Magnet Schultze Pilot-operated Hydrogen Solenoid Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.2.5 Magnet Schultze Recent Developments/Updates

8.2.6 Magnet Schultze Competitive Strengths & Weaknesses

8.3 Westport Fuel Systems

8.3.1 Westport Fuel Systems Details

8.3.2 Westport Fuel Systems Major Business

8.3.3 Westport Fuel Systems Pilot-operated Hydrogen Solenoid Valve Product and Services

8.3.4 Westport Fuel Systems Pilot-operated Hydrogen Solenoid Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.3.5 Westport Fuel Systems Recent Developments/Updates

8.3.6 Westport Fuel Systems Competitive Strengths & Weaknesses

8.4 OMB SALERI

8.4.1 OMB SALERI Details

8.4.2 OMB SALERI Major Business

8.4.3 OMB SALERI Pilot-operated Hydrogen Solenoid Valve Product and Services

8.4.4 OMB SALERI Pilot-operated Hydrogen Solenoid Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.4.5 OMB SALERI Recent Developments/Updates

8.4.6 OMB SALERI Competitive Strengths & Weaknesses

8.5 Bitron

8.5.1 Bitron Details

8.5.2 Bitron Major Business

8.5.3 Bitron Pilot-operated Hydrogen Solenoid Valve Product and Services

8.5.4 Bitron Pilot-operated Hydrogen Solenoid Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.5.5 Bitron Recent Developments/Updates

8.5.6 Bitron Competitive Strengths & Weaknesses

8.6 ETO GRUPPE

8.6.1 ETO GRUPPE Details

8.6.2 ETO GRUPPE Major Business

8.6.3 ETO GRUPPE Pilot-operated Hydrogen Solenoid Valve Product and Services

8.6.4 ETO GRUPPE Pilot-operated Hydrogen Solenoid Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.6.5 ETO GRUPPE Recent Developments/Updates

8.6.6 ETO GRUPPE Competitive Strengths & Weaknesses

8.7 IMI Norgren

8.7.1 IMI Norgren Details

8.7.2 IMI Norgren Major Business

8.7.3 IMI Norgren Pilot-operated Hydrogen Solenoid Valve Product and Services

8.7.4 IMI Norgren Pilot-operated Hydrogen Solenoid Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.7.5 IMI Norgren Recent Developments/Updates

8.7.6 IMI Norgren Competitive Strengths & Weaknesses

8.8 B?rkert

8.8.1 B?rkert Details

8.8.2 B?rkert Major Business

8.8.3 B?rkert Pilot-operated Hydrogen Solenoid Valve Product and Services

8.8.4 B?rkert Pilot-operated Hydrogen Solenoid Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.8.5 B?rkert Recent Developments/Updates

8.8.6 B?rkert Competitive Strengths & Weaknesses

8.9 EKK Eagle

8.9.1 EKK Eagle Details

8.9.2 EKK Eagle Major Business

- 8.9.3 EKK Eagle Pilot-operated Hydrogen Solenoid Valve Product and Services
- 8.9.4 EKK Eagle Pilot-operated Hydrogen Solenoid Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 8.9.5 EKK Eagle Recent Developments/Updates
- 8.9.6 EKK Eagle Competitive Strengths & Weaknesses
- 8.10 Hamai Industries
 - 8.10.1 Hamai Industries Details
 - 8.10.2 Hamai Industries Major Business
 - 8.10.3 Hamai Industries Pilot-operated Hydrogen Solenoid Valve Product and Services
 - 8.10.4 Hamai Industries Pilot-operated Hydrogen Solenoid Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.10.5 Hamai Industries Recent Developments/Updates
 - 8.10.6 Hamai Industries Competitive Strengths & Weaknesses
- 8.11 Parker Hannifin
 - 8.11.1 Parker Hannifin Details
 - 8.11.2 Parker Hannifin Major Business
 - 8.11.3 Parker Hannifin Pilot-operated Hydrogen Solenoid Valve Product and Services
 - 8.11.4 Parker Hannifin Pilot-operated Hydrogen Solenoid Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.11.5 Parker Hannifin Recent Developments/Updates
 - 8.11.6 Parker Hannifin Competitive Strengths & Weaknesses
- 8.12 Eugen Seitz
 - 8.12.1 Eugen Seitz Details
 - 8.12.2 Eugen Seitz Major Business
 - 8.12.3 Eugen Seitz Pilot-operated Hydrogen Solenoid Valve Product and Services
 - 8.12.4 Eugen Seitz Pilot-operated Hydrogen Solenoid Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.12.5 Eugen Seitz Recent Developments/Updates
 - 8.12.6 Eugen Seitz Competitive Strengths & Weaknesses
- 8.13 Magnetbau Schramme
 - 8.13.1 Magnetbau Schramme Details
 - 8.13.2 Magnetbau Schramme Major Business
 - 8.13.3 Magnetbau Schramme Pilot-operated Hydrogen Solenoid Valve Product and Services
 - 8.13.4 Magnetbau Schramme Pilot-operated Hydrogen Solenoid Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.13.5 Magnetbau Schramme Recent Developments/Updates
 - 8.13.6 Magnetbau Schramme Competitive Strengths & Weaknesses
- 8.14 Metatron

- 8.14.1 Metatron Details
- 8.14.2 Metatron Major Business
- 8.14.3 Metatron Pilot-operated Hydrogen Solenoid Valve Product and Services
- 8.14.4 Metatron Pilot-operated Hydrogen Solenoid Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 8.14.5 Metatron Recent Developments/Updates
- 8.14.6 Metatron Competitive Strengths & Weaknesses
- 8.15 M?ller co-ax
- 8.15.1 M?ller co-ax Details
- 8.15.2 M?ller co-ax Major Business
- 8.15.3 M?ller co-ax Pilot-operated Hydrogen Solenoid Valve Product and Services
- 8.15.4 M?ller co-ax Pilot-operated Hydrogen Solenoid Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 8.15.5 M?ller co-ax Recent Developments/Updates
- 8.15.6 M?ller co-ax Competitive Strengths & Weaknesses
- 8.16 Clippard
- 8.16.1 Clippard Details
- 8.16.2 Clippard Major Business
- 8.16.3 Clippard Pilot-operated Hydrogen Solenoid Valve Product and Services
- 8.16.4 Clippard Pilot-operated Hydrogen Solenoid Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 8.16.5 Clippard Recent Developments/Updates
- 8.16.6 Clippard Competitive Strengths & Weaknesses
- 8.17 Jaksa
- 8.17.1 Jaksa Details
- 8.17.2 Jaksa Major Business
- 8.17.3 Jaksa Pilot-operated Hydrogen Solenoid Valve Product and Services
- 8.17.4 Jaksa Pilot-operated Hydrogen Solenoid Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 8.17.5 Jaksa Recent Developments/Updates
- 8.17.6 Jaksa Competitive Strengths & Weaknesses

9 INDUSTRY CHAIN ANALYSIS

- 9.1 Pilot-operated Hydrogen Solenoid Valve Industry Chain
- 9.2 Pilot-operated Hydrogen Solenoid Valve Upstream Analysis
 - 9.2.1 Pilot-operated Hydrogen Solenoid Valve Core Raw Materials
 - 9.2.2 Main Manufacturers of Pilot-operated Hydrogen Solenoid Valve Core Raw Materials

9.3 Midstream Analysis

9.4 Downstream Analysis

9.5 Pilot-operated Hydrogen Solenoid Valve Production Mode

9.6 Pilot-operated Hydrogen Solenoid Valve Procurement Model

9.7 Pilot-operated Hydrogen Solenoid Valve Industry Sales Model and Sales Channels

9.7.1 Pilot-operated Hydrogen Solenoid Valve Sales Model

9.7.2 Pilot-operated Hydrogen Solenoid Valve Typical Distributors

10 RESEARCH FINDINGS AND CONCLUSION

11 APPENDIX

11.1 Methodology

11.2 Research Process and Data Source

11.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Pilot-operated Hydrogen Solenoid Valve Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Pilot-operated Hydrogen Solenoid Valve Production Value by Region (2021-2026) & (USD Million)

Table 3. World Pilot-operated Hydrogen Solenoid Valve Production Value by Region (2027-2032) & (USD Million)

Table 4. World Pilot-operated Hydrogen Solenoid Valve Production Value Market Share by Region (2021-2026)

Table 5. World Pilot-operated Hydrogen Solenoid Valve Production Value Market Share by Region (2027-2032)

Table 6. World Pilot-operated Hydrogen Solenoid Valve Production by Region (2021-2026) & (Units)

Table 7. World Pilot-operated Hydrogen Solenoid Valve Production by Region (2027-2032) & (Units)

Table 8. World Pilot-operated Hydrogen Solenoid Valve Production Market Share by Region (2021-2026)

Table 9. World Pilot-operated Hydrogen Solenoid Valve Production Market Share by Region (2027-2032)

Table 10. World Pilot-operated Hydrogen Solenoid Valve Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Pilot-operated Hydrogen Solenoid Valve Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Pilot-operated Hydrogen Solenoid Valve Major Market Trends

Table 13. World Pilot-operated Hydrogen Solenoid Valve Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Units)

Table 14. World Pilot-operated Hydrogen Solenoid Valve Consumption by Region (2021-2026) & (Units)

Table 15. World Pilot-operated Hydrogen Solenoid Valve Consumption Forecast by Region (2027-2032) & (Units)

Table 16. World Pilot-operated Hydrogen Solenoid Valve Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Pilot-operated Hydrogen Solenoid Valve Producers in 2025

Table 18. World Pilot-operated Hydrogen Solenoid Valve Production by Manufacturer (2021-2026) & (Units)

Table 19. Production Market Share of Key Pilot-operated Hydrogen Solenoid Valve Producers in 2025

Table 20. World Pilot-operated Hydrogen Solenoid Valve Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Pilot-operated Hydrogen Solenoid Valve Company Evaluation Quadrant

Table 22. World Pilot-operated Hydrogen Solenoid Valve Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Pilot-operated Hydrogen Solenoid Valve Production Site of Key Manufacturer

Table 24. Pilot-operated Hydrogen Solenoid Valve Market: Company Product Type Footprint

Table 25. Pilot-operated Hydrogen Solenoid Valve Market: Company Product Application Footprint

Table 26. Pilot-operated Hydrogen Solenoid Valve Competitive Factors

Table 27. Pilot-operated Hydrogen Solenoid Valve New Entrant and Capacity Expansion Plans

Table 28. Pilot-operated Hydrogen Solenoid Valve Mergers & Acquisitions Activity

Table 29. United States VS China Pilot-operated Hydrogen Solenoid Valve Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Pilot-operated Hydrogen Solenoid Valve Production Comparison, (2021 & 2025 & 2032) & (Units)

Table 31. United States VS China Pilot-operated Hydrogen Solenoid Valve Consumption Comparison, (2021 & 2025 & 2032) & (Units)

Table 32. United States Based Pilot-operated Hydrogen Solenoid Valve Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production (2021-2026) & (Units)

Table 36. United States Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production Market Share (2021-2026)

Table 37. China Based Pilot-operated Hydrogen Solenoid Valve Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Pilot-operated Hydrogen Solenoid Valve

Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production, (2021-2026) & (Units)

Table 41. China Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production Market Share (2021-2026)

Table 42. Rest of World Based Pilot-operated Hydrogen Solenoid Valve Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production, (2021-2026) & (Units)

Table 46. Rest of World Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production Market Share (2021-2026)

Table 47. World Pilot-operated Hydrogen Solenoid Valve Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Pilot-operated Hydrogen Solenoid Valve Production by Type (2021-2026) & (Units)

Table 49. World Pilot-operated Hydrogen Solenoid Valve Production by Type (2027-2032) & (Units)

Table 50. World Pilot-operated Hydrogen Solenoid Valve Production Value by Type (2021-2026) & (USD Million)

Table 51. World Pilot-operated Hydrogen Solenoid Valve Production Value by Type (2027-2032) & (USD Million)

Table 52. World Pilot-operated Hydrogen Solenoid Valve Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Pilot-operated Hydrogen Solenoid Valve Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Pilot-operated Hydrogen Solenoid Valve Production Value by Pressure Rating, (USD Million), 2021 & 2025 & 2032

Table 55. World Pilot-operated Hydrogen Solenoid Valve Production by Pressure Rating (2021-2026) & (Units)

Table 56. World Pilot-operated Hydrogen Solenoid Valve Production by Pressure Rating (2027-2032) & (Units)

Table 57. World Pilot-operated Hydrogen Solenoid Valve Production Value by Pressure Rating (2021-2026) & (USD Million)

Table 58. World Pilot-operated Hydrogen Solenoid Valve Production Value by Pressure Rating (2027-2032) & (USD Million)

Table 59. World Pilot-operated Hydrogen Solenoid Valve Average Price by Pressure Rating (2021-2026) & (US\$/Unit)

Table 60. World Pilot-operated Hydrogen Solenoid Valve Average Price by Pressure Rating (2027-2032) & (US\$/Unit)

Table 61. World Pilot-operated Hydrogen Solenoid Valve Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 62. World Pilot-operated Hydrogen Solenoid Valve Production by Application (2021-2026) & (Units)

Table 63. World Pilot-operated Hydrogen Solenoid Valve Production by Application (2027-2032) & (Units)

Table 64. World Pilot-operated Hydrogen Solenoid Valve Production Value by Application (2021-2026) & (USD Million)

Table 65. World Pilot-operated Hydrogen Solenoid Valve Production Value by Application (2027-2032) & (USD Million)

Table 66. World Pilot-operated Hydrogen Solenoid Valve Average Price by Application (2021-2026) & (US\$/Unit)

Table 67. World Pilot-operated Hydrogen Solenoid Valve Average Price by Application (2027-2032) & (US\$/Unit)

Table 68. Emerson Basic Information, Manufacturing Base and Competitors

Table 69. Emerson Major Business

Table 70. Emerson Pilot-operated Hydrogen Solenoid Valve Product and Services

Table 71. Emerson Pilot-operated Hydrogen Solenoid Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 72. Emerson Recent Developments/Updates

Table 73. Emerson Competitive Strengths & Weaknesses

Table 74. Magnet Schultz Basic Information, Manufacturing Base and Competitors

Table 75. Magnet Schultz Major Business

Table 76. Magnet Schultz Pilot-operated Hydrogen Solenoid Valve Product and Services

Table 77. Magnet Schultz Pilot-operated Hydrogen Solenoid Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 78. Magnet Schultz Recent Developments/Updates

Table 79. Magnet Schultz Competitive Strengths & Weaknesses

Table 80. Westport Fuel Systems Basic Information, Manufacturing Base and Competitors

Table 81. Westport Fuel Systems Major Business

Table 82. Westport Fuel Systems Pilot-operated Hydrogen Solenoid Valve Product and

Services

Table 83. Westport Fuel Systems Pilot-operated Hydrogen Solenoid Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 84. Westport Fuel Systems Recent Developments/Updates

Table 85. Westport Fuel Systems Competitive Strengths & Weaknesses

Table 86. OMB SALERI Basic Information, Manufacturing Base and Competitors

Table 87. OMB SALERI Major Business

Table 88. OMB SALERI Pilot-operated Hydrogen Solenoid Valve Product and Services

Table 89. OMB SALERI Pilot-operated Hydrogen Solenoid Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 90. OMB SALERI Recent Developments/Updates

Table 91. OMB SALERI Competitive Strengths & Weaknesses

Table 92. Bitron Basic Information, Manufacturing Base and Competitors

Table 93. Bitron Major Business

Table 94. Bitron Pilot-operated Hydrogen Solenoid Valve Product and Services

Table 95. Bitron Pilot-operated Hydrogen Solenoid Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 96. Bitron Recent Developments/Updates

Table 97. Bitron Competitive Strengths & Weaknesses

Table 98. ETO GRUPPE Basic Information, Manufacturing Base and Competitors

Table 99. ETO GRUPPE Major Business

Table 100. ETO GRUPPE Pilot-operated Hydrogen Solenoid Valve Product and Services

Table 101. ETO GRUPPE Pilot-operated Hydrogen Solenoid Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 102. ETO GRUPPE Recent Developments/Updates

Table 103. ETO GRUPPE Competitive Strengths & Weaknesses

Table 104. IMI Norgren Basic Information, Manufacturing Base and Competitors

Table 105. IMI Norgren Major Business

Table 106. IMI Norgren Pilot-operated Hydrogen Solenoid Valve Product and Services

Table 107. IMI Norgren Pilot-operated Hydrogen Solenoid Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 108. IMI Norgren Recent Developments/Updates

Table 109. IMI Norgren Competitive Strengths & Weaknesses

- Table 110. Borkert Basic Information, Manufacturing Base and Competitors
- Table 111. Borkert Major Business
- Table 112. Borkert Pilot-operated Hydrogen Solenoid Valve Product and Services
- Table 113. Borkert Pilot-operated Hydrogen Solenoid Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 114. Borkert Recent Developments/Updates
- Table 115. Borkert Competitive Strengths & Weaknesses
- Table 116. EKK Eagle Basic Information, Manufacturing Base and Competitors
- Table 117. EKK Eagle Major Business
- Table 118. EKK Eagle Pilot-operated Hydrogen Solenoid Valve Product and Services
- Table 119. EKK Eagle Pilot-operated Hydrogen Solenoid Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 120. EKK Eagle Recent Developments/Updates
- Table 121. EKK Eagle Competitive Strengths & Weaknesses
- Table 122. Hamai Industries Basic Information, Manufacturing Base and Competitors
- Table 123. Hamai Industries Major Business
- Table 124. Hamai Industries Pilot-operated Hydrogen Solenoid Valve Product and Services
- Table 125. Hamai Industries Pilot-operated Hydrogen Solenoid Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 126. Hamai Industries Recent Developments/Updates
- Table 127. Hamai Industries Competitive Strengths & Weaknesses
- Table 128. Parker Hannifin Basic Information, Manufacturing Base and Competitors
- Table 129. Parker Hannifin Major Business
- Table 130. Parker Hannifin Pilot-operated Hydrogen Solenoid Valve Product and Services
- Table 131. Parker Hannifin Pilot-operated Hydrogen Solenoid Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 132. Parker Hannifin Recent Developments/Updates
- Table 133. Parker Hannifin Competitive Strengths & Weaknesses
- Table 134. Eugen Seitz Basic Information, Manufacturing Base and Competitors
- Table 135. Eugen Seitz Major Business
- Table 136. Eugen Seitz Pilot-operated Hydrogen Solenoid Valve Product and Services
- Table 137. Eugen Seitz Pilot-operated Hydrogen Solenoid Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2021-2026)

Table 138. Eugen Seitz Recent Developments/Updates

Table 139. Eugen Seitz Competitive Strengths & Weaknesses

Table 140. Magnetbau Schramme Basic Information, Manufacturing Base and Competitors

Table 141. Magnetbau Schramme Major Business

Table 142. Magnetbau Schramme Pilot-operated Hydrogen Solenoid Valve Product and Services

Table 143. Magnetbau Schramme Pilot-operated Hydrogen Solenoid Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 144. Magnetbau Schramme Recent Developments/Updates

Table 145. Magnetbau Schramme Competitive Strengths & Weaknesses

Table 146. Metatron Basic Information, Manufacturing Base and Competitors

Table 147. Metatron Major Business

Table 148. Metatron Pilot-operated Hydrogen Solenoid Valve Product and Services

Table 149. Metatron Pilot-operated Hydrogen Solenoid Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 150. Metatron Recent Developments/Updates

Table 151. Metatron Competitive Strengths & Weaknesses

Table 152. M?ller co-ax Basic Information, Manufacturing Base and Competitors

Table 153. M?ller co-ax Major Business

Table 154. M?ller co-ax Pilot-operated Hydrogen Solenoid Valve Product and Services

Table 155. M?ller co-ax Pilot-operated Hydrogen Solenoid Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 156. M?ller co-ax Recent Developments/Updates

Table 157. M?ller co-ax Competitive Strengths & Weaknesses

Table 158. Clippard Basic Information, Manufacturing Base and Competitors

Table 159. Clippard Major Business

Table 160. Clippard Pilot-operated Hydrogen Solenoid Valve Product and Services

Table 161. Clippard Pilot-operated Hydrogen Solenoid Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 162. Clippard Recent Developments/Updates

Table 163. Clippard Competitive Strengths & Weaknesses

Table 164. Jaksa Basic Information, Manufacturing Base and Competitors

Table 165. Jaksa Major Business

Table 166. Jaksa Pilot-operated Hydrogen Solenoid Valve Product and Services

Table 167. Jaksa Pilot-operated Hydrogen Solenoid Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 168. Jaksa Recent Developments/Updates

Table 169. Jaksa Competitive Strengths & Weaknesses

Table 170. Global Key Players of Pilot-operated Hydrogen Solenoid Valve Upstream (Raw Materials)

Table 171. Global Pilot-operated Hydrogen Solenoid Valve Typical Customers

Table 172. Pilot-operated Hydrogen Solenoid Valve Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Pilot-operated Hydrogen Solenoid Valve Picture

Figure 2. World Pilot-operated Hydrogen Solenoid Valve Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Pilot-operated Hydrogen Solenoid Valve Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Pilot-operated Hydrogen Solenoid Valve Production (2021-2032) & (Units)

Figure 5. World Pilot-operated Hydrogen Solenoid Valve Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Pilot-operated Hydrogen Solenoid Valve Production Value Market Share by Region (2021-2032)

Figure 7. World Pilot-operated Hydrogen Solenoid Valve Production Market Share by Region (2021-2032)

Figure 8. North America Pilot-operated Hydrogen Solenoid Valve Production (2021-2032) & (Units)

Figure 9. Europe Pilot-operated Hydrogen Solenoid Valve Production (2021-2032) & (Units)

Figure 10. China Pilot-operated Hydrogen Solenoid Valve Production (2021-2032) & (Units)

Figure 11. Japan Pilot-operated Hydrogen Solenoid Valve Production (2021-2032) & (Units)

Figure 12. Pilot-operated Hydrogen Solenoid Valve Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Pilot-operated Hydrogen Solenoid Valve Consumption (2021-2032) & (Units)

Figure 15. World Pilot-operated Hydrogen Solenoid Valve Consumption Market Share by Region (2021-2032)

Figure 16. United States Pilot-operated Hydrogen Solenoid Valve Consumption (2021-2032) & (Units)

Figure 17. China Pilot-operated Hydrogen Solenoid Valve Consumption (2021-2032) & (Units)

Figure 18. Europe Pilot-operated Hydrogen Solenoid Valve Consumption (2021-2032) & (Units)

Figure 19. Japan Pilot-operated Hydrogen Solenoid Valve Consumption (2021-2032) & (Units)

Figure 20. South Korea Pilot-operated Hydrogen Solenoid Valve Consumption (2021-2032) & (Units)

Figure 21. ASEAN Pilot-operated Hydrogen Solenoid Valve Consumption (2021-2032) & (Units)

Figure 22. India Pilot-operated Hydrogen Solenoid Valve Consumption (2021-2032) & (Units)

Figure 23. Producer Shipments of Pilot-operated Hydrogen Solenoid Valve by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Pilot-operated Hydrogen Solenoid Valve Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Pilot-operated Hydrogen Solenoid Valve Markets in 2025

Figure 26. United States VS China: Pilot-operated Hydrogen Solenoid Valve Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Pilot-operated Hydrogen Solenoid Valve Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Pilot-operated Hydrogen Solenoid Valve Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production Market Share 2025

Figure 30. China Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Pilot-operated Hydrogen Solenoid Valve Production Market Share 2025

Figure 32. World Pilot-operated Hydrogen Solenoid Valve Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Pilot-operated Hydrogen Solenoid Valve Production Value Market Share by Type in 2025

Figure 34. Normally Open Solenoid Valve

Figure 35. Normally Closed Solenoid Valve

Figure 36. World Pilot-operated Hydrogen Solenoid Valve Production Market Share by Type (2021-2032)

Figure 37. World Pilot-operated Hydrogen Solenoid Valve Production Value Market Share by Type (2021-2032)

Figure 38. World Pilot-operated Hydrogen Solenoid Valve Average Price by Type (2021-2032) & (US\$/Unit)

Figure 39. World Pilot-operated Hydrogen Solenoid Valve Production Value by Pressure Rating, (USD Million), 2021 & 2025 & 2032

Figure 40. World Pilot-operated Hydrogen Solenoid Valve Production Value Market

Share by Pressure Rating in 2025

Figure 41. Low-pressure Valves

Figure 42. Medium-pressure Valves

Figure 43. High-pressure Valves

Figure 44. World Pilot-operated Hydrogen Solenoid Valve Production Market Share by Pressure Rating (2021-2032)

Figure 45. World Pilot-operated Hydrogen Solenoid Valve Production Value Market Share by Pressure Rating (2021-2032)

Figure 46. World Pilot-operated Hydrogen Solenoid Valve Average Price by Pressure Rating (2021-2032) & (US\$/Unit)

Figure 47. World Pilot-operated Hydrogen Solenoid Valve Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 48. World Pilot-operated Hydrogen Solenoid Valve Production Value Market Share by Application in 2025

Figure 49. Hydrogen Refueling Station

Figure 50. Fuel Cell

Figure 51. Others

Figure 52. World Pilot-operated Hydrogen Solenoid Valve Production Market Share by Application (2021-2032)

Figure 53. World Pilot-operated Hydrogen Solenoid Valve Production Value Market Share by Application (2021-2032)

Figure 54. World Pilot-operated Hydrogen Solenoid Valve Average Price by Application (2021-2032) & (US\$/Unit)

Figure 55. Pilot-operated Hydrogen Solenoid Valve Industry Chain

Figure 56. Pilot-operated Hydrogen Solenoid Valve Procurement Model

Figure 57. Pilot-operated Hydrogen Solenoid Valve Sales Model

Figure 58. Pilot-operated Hydrogen Solenoid Valve Sales Channels, Direct Sales, and Distribution

Figure 59. Methodology

Figure 60. Research Process and Data Source

I would like to order

Product name: Global Pilot-operated Hydrogen Solenoid Valve Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G5620DE6EE84EN.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/G5620DE6EE84EN.html>