

Global Direct-acting Solenoid Valves Market Growth 2025-2031

<https://marketpublishers.com/r/G80D1C75D705EN.html>

Date: October 2025

Pages: 128

Price: US\$ 3,660.00 (Single User License)

ID: G80D1C75D705EN

Abstracts

The global Direct-acting Solenoid Valves market size is predicted to grow from US\$ 2428 million in 2025 to US\$ 3550 million in 2031; it is expected to grow at a CAGR of 6.5% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Direct-acting solenoid valves are automatic control components that use electromagnetic force to directly drive the valve core to open and close, widely applied in fluid control systems. Their working principle relies on the magnetic force generated by an electromagnet to overcome the spring force and fluid pressure, enabling quick valve actuation. Compared to pilot-operated valves, direct-acting solenoid valves feature a simpler structure and do not require external fluid pressure to operate, making them suitable for fluid control under low or no-pressure conditions.

This type of solenoid valve offers advantages such as fast response, compact structure, and easy installation, and is suitable for controlling the flow of various media including gases, water, and oil. Common applications include medical devices, food industry, environmental water treatment, and automated production lines, especially where precise flow control is critical.

With the advancement of intelligent manufacturing and automation technology, the performance of direct-acting solenoid valves has continuously improved, including enhanced corrosion resistance, sealing performance, and service life. Additionally, energy-saving and environmentally friendly designs have promoted their use in new

energy and high-end equipment manufacturing sectors. In the future, integration with IoT technology will enable smart direct-acting solenoid valves to achieve remote monitoring and precise regulation, supporting the upgrade and optimization of industrial control systems.

Market Development Opportunities & Main Driving FactorsWith the advancement of industrial automation, demand for direct-acting solenoid valves is steadily growing. Their simple structure and fast response make them suitable for low-pressure gas and liquid control. Energy-saving, environmental protection, and IoT integration provide new opportunities for intelligent products. Increasing demand for high reliability and compact size drives continuous innovation among enterprises.

Market Challenges, Risks, & RestraintsHowever, price fluctuations of raw materials and technical barriers pose challenges. Rising costs of copper and plastics squeeze corporate profits; intense competition and severe product homogenization disadvantage small and medium-sized enterprises. As safety and reliability standards rise, companies must invest more in testing and certification, creating risks.

Downstream Demand TrendsIn downstream sectors, the development of industrial robots, intelligent equipment, and new energy projects raises requirements for fluid control. Medical devices and environmental protection equipment increasingly demand precise control of small flows. Consumer markets, such as household water purifiers and agricultural irrigation equipment, have begun adopting compact direct-acting solenoid valves.

LP Information, Inc. (LPI) ' newest research report, the "Direct-acting Solenoid Valves Industry Forecast" looks at past sales and reviews total world Direct-acting Solenoid Valves sales in 2024, providing a comprehensive analysis by region and market sector of projected Direct-acting Solenoid Valves sales for 2025 through 2031. With Direct-acting Solenoid Valves sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Direct-acting Solenoid Valves industry.

This Insight Report provides a comprehensive analysis of the global Direct-acting Solenoid Valves landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Direct-acting Solenoid Valves portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position

in an accelerating global Direct-acting Solenoid Valves market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Direct-acting Solenoid Valves and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Direct-acting Solenoid Valves.

This report presents a comprehensive overview, market shares, and growth opportunities of Direct-acting Solenoid Valves market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Step-by-step direct-acting diaphragm structure

Direct acting piston structure

Direct motion diaphragm structure

Step-by-step piston structure

Segmentation by Application:

Mechinary

Energy

Manufacturing

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

ASCO

Parker

Danfoss

SMC

Festo

Emerson

Norgren

Burkert

CKD

Takasago Electric

Kendrion

CEME

Sirai

Saginomiya

ODE

YPC

Key Questions Addressed in this Report

What is the 10-year outlook for the global Direct-acting Solenoid Valves market?

What factors are driving Direct-acting Solenoid Valves market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Direct-acting Solenoid Valves market opportunities vary by end market size?

How does Direct-acting Solenoid Valves break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Direct-acting Solenoid Valves Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for Direct-acting Solenoid Valves by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for Direct-acting Solenoid Valves by Country/Region, 2020, 2024 & 2031
- 2.2 Direct-acting Solenoid Valves Segment by Type
 - 2.2.1 Step-by-step direct-acting diaphragm structure
 - 2.2.2 Direct acting piston structure
 - 2.2.3 Direct motion diaphragm structure
 - 2.2.4 Step-by-step piston structure
- 2.3 Direct-acting Solenoid Valves Sales by Type
 - 2.3.1 Global Direct-acting Solenoid Valves Sales Market Share by Type (2020-2025)
 - 2.3.2 Global Direct-acting Solenoid Valves Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global Direct-acting Solenoid Valves Sale Price by Type (2020-2025)
- 2.4 Direct-acting Solenoid Valves Segment by Application
 - 2.4.1 Machinery
 - 2.4.2 Energy
 - 2.4.3 Manufacturing
 - 2.4.4 Others
- 2.5 Direct-acting Solenoid Valves Sales by Application
 - 2.5.1 Global Direct-acting Solenoid Valves Sale Market Share by Application (2020-2025)

2.5.2 Global Direct-acting Solenoid Valves Revenue and Market Share by Application (2020-2025)

2.5.3 Global Direct-acting Solenoid Valves Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Direct-acting Solenoid Valves Breakdown Data by Company

3.1.1 Global Direct-acting Solenoid Valves Annual Sales by Company (2020-2025)

3.1.2 Global Direct-acting Solenoid Valves Sales Market Share by Company (2020-2025)

3.2 Global Direct-acting Solenoid Valves Annual Revenue by Company (2020-2025)

3.2.1 Global Direct-acting Solenoid Valves Revenue by Company (2020-2025)

3.2.2 Global Direct-acting Solenoid Valves Revenue Market Share by Company (2020-2025)

3.3 Global Direct-acting Solenoid Valves Sale Price by Company

3.4 Key Manufacturers Direct-acting Solenoid Valves Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Direct-acting Solenoid Valves Product Location Distribution

3.4.2 Players Direct-acting Solenoid Valves Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR DIRECT-ACTING SOLENOID VALVES BY GEOGRAPHIC REGION

4.1 World Historic Direct-acting Solenoid Valves Market Size by Geographic Region (2020-2025)

4.1.1 Global Direct-acting Solenoid Valves Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Direct-acting Solenoid Valves Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic Direct-acting Solenoid Valves Market Size by Country/Region (2020-2025)

4.2.1 Global Direct-acting Solenoid Valves Annual Sales by Country/Region (2020-2025)

4.2.2 Global Direct-acting Solenoid Valves Annual Revenue by Country/Region

(2020-2025)

4.3 Americas Direct-acting Solenoid Valves Sales Growth

4.4 APAC Direct-acting Solenoid Valves Sales Growth

4.5 Europe Direct-acting Solenoid Valves Sales Growth

4.6 Middle East & Africa Direct-acting Solenoid Valves Sales Growth

5 AMERICAS

5.1 Americas Direct-acting Solenoid Valves Sales by Country

5.1.1 Americas Direct-acting Solenoid Valves Sales by Country (2020-2025)

5.1.2 Americas Direct-acting Solenoid Valves Revenue by Country (2020-2025)

5.2 Americas Direct-acting Solenoid Valves Sales by Type (2020-2025)

5.3 Americas Direct-acting Solenoid Valves Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Direct-acting Solenoid Valves Sales by Region

6.1.1 APAC Direct-acting Solenoid Valves Sales by Region (2020-2025)

6.1.2 APAC Direct-acting Solenoid Valves Revenue by Region (2020-2025)

6.2 APAC Direct-acting Solenoid Valves Sales by Type (2020-2025)

6.3 APAC Direct-acting Solenoid Valves Sales by Application (2020-2025)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Direct-acting Solenoid Valves by Country

7.1.1 Europe Direct-acting Solenoid Valves Sales by Country (2020-2025)

7.1.2 Europe Direct-acting Solenoid Valves Revenue by Country (2020-2025)

7.2 Europe Direct-acting Solenoid Valves Sales by Type (2020-2025)

7.3 Europe Direct-acting Solenoid Valves Sales by Application (2020-2025)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Direct-acting Solenoid Valves by Country

8.1.1 Middle East & Africa Direct-acting Solenoid Valves Sales by Country (2020-2025)

8.1.2 Middle East & Africa Direct-acting Solenoid Valves Revenue by Country (2020-2025)

8.2 Middle East & Africa Direct-acting Solenoid Valves Sales by Type (2020-2025)

8.3 Middle East & Africa Direct-acting Solenoid Valves Sales by Application (2020-2025)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Direct-acting Solenoid Valves

10.3 Manufacturing Process Analysis of Direct-acting Solenoid Valves

10.4 Industry Chain Structure of Direct-acting Solenoid Valves

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

- 11.1.1 Direct Channels
- 11.1.2 Indirect Channels
- 11.2 Direct-acting Solenoid Valves Distributors
- 11.3 Direct-acting Solenoid Valves Customer

12 WORLD FORECAST REVIEW FOR DIRECT-ACTING SOLENOID VALVES BY GEOGRAPHIC REGION

- 12.1 Global Direct-acting Solenoid Valves Market Size Forecast by Region
 - 12.1.1 Global Direct-acting Solenoid Valves Forecast by Region (2026-2031)
 - 12.1.2 Global Direct-acting Solenoid Valves Annual Revenue Forecast by Region (2026-2031)
- 12.2 Americas Forecast by Country (2026-2031)
- 12.3 APAC Forecast by Region (2026-2031)
- 12.4 Europe Forecast by Country (2026-2031)
- 12.5 Middle East & Africa Forecast by Country (2026-2031)
- 12.6 Global Direct-acting Solenoid Valves Forecast by Type (2026-2031)
- 12.7 Global Direct-acting Solenoid Valves Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

- 13.1 ASCO
 - 13.1.1 ASCO Company Information
 - 13.1.2 ASCO Direct-acting Solenoid Valves Product Portfolios and Specifications
 - 13.1.3 ASCO Direct-acting Solenoid Valves Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.1.4 ASCO Main Business Overview
 - 13.1.5 ASCO Latest Developments
- 13.2 Parker
 - 13.2.1 Parker Company Information
 - 13.2.2 Parker Direct-acting Solenoid Valves Product Portfolios and Specifications
 - 13.2.3 Parker Direct-acting Solenoid Valves Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.2.4 Parker Main Business Overview
 - 13.2.5 Parker Latest Developments
- 13.3 Danfoss
 - 13.3.1 Danfoss Company Information
 - 13.3.2 Danfoss Direct-acting Solenoid Valves Product Portfolios and Specifications
 - 13.3.3 Danfoss Direct-acting Solenoid Valves Sales, Revenue, Price and Gross

Margin (2020-2025)

13.3.4 Danfoss Main Business Overview

13.3.5 Danfoss Latest Developments

13.4 SMC

13.4.1 SMC Company Information

13.4.2 SMC Direct-acting Solenoid Valves Product Portfolios and Specifications

13.4.3 SMC Direct-acting Solenoid Valves Sales, Revenue, Price and Gross Margin
(2020-2025)

13.4.4 SMC Main Business Overview

13.4.5 SMC Latest Developments

13.5 Festo

13.5.1 Festo Company Information

13.5.2 Festo Direct-acting Solenoid Valves Product Portfolios and Specifications

13.5.3 Festo Direct-acting Solenoid Valves Sales, Revenue, Price and Gross Margin
(2020-2025)

13.5.4 Festo Main Business Overview

13.5.5 Festo Latest Developments

13.6 Emerson

13.6.1 Emerson Company Information

13.6.2 Emerson Direct-acting Solenoid Valves Product Portfolios and Specifications

13.6.3 Emerson Direct-acting Solenoid Valves Sales, Revenue, Price and Gross
Margin (2020-2025)

13.6.4 Emerson Main Business Overview

13.6.5 Emerson Latest Developments

13.7 Norgren

13.7.1 Norgren Company Information

13.7.2 Norgren Direct-acting Solenoid Valves Product Portfolios and Specifications

13.7.3 Norgren Direct-acting Solenoid Valves Sales, Revenue, Price and Gross Margin
(2020-2025)

13.7.4 Norgren Main Business Overview

13.7.5 Norgren Latest Developments

13.8 Burkert

13.8.1 Burkert Company Information

13.8.2 Burkert Direct-acting Solenoid Valves Product Portfolios and Specifications

13.8.3 Burkert Direct-acting Solenoid Valves Sales, Revenue, Price and Gross Margin
(2020-2025)

13.8.4 Burkert Main Business Overview

13.8.5 Burkert Latest Developments

13.9 CKD

- 13.9.1 CKD Company Information
- 13.9.2 CKD Direct-acting Solenoid Valves Product Portfolios and Specifications
- 13.9.3 CKD Direct-acting Solenoid Valves Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.9.4 CKD Main Business Overview
- 13.9.5 CKD Latest Developments
- 13.10 Takasago Electric
 - 13.10.1 Takasago Electric Company Information
 - 13.10.2 Takasago Electric Direct-acting Solenoid Valves Product Portfolios and Specifications
 - 13.10.3 Takasago Electric Direct-acting Solenoid Valves Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.10.4 Takasago Electric Main Business Overview
 - 13.10.5 Takasago Electric Latest Developments
- 13.11 Kendrion
 - 13.11.1 Kendrion Company Information
 - 13.11.2 Kendrion Direct-acting Solenoid Valves Product Portfolios and Specifications
 - 13.11.3 Kendrion Direct-acting Solenoid Valves Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.11.4 Kendrion Main Business Overview
 - 13.11.5 Kendrion Latest Developments
- 13.12 CEME
 - 13.12.1 CEME Company Information
 - 13.12.2 CEME Direct-acting Solenoid Valves Product Portfolios and Specifications
 - 13.12.3 CEME Direct-acting Solenoid Valves Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.12.4 CEME Main Business Overview
 - 13.12.5 CEME Latest Developments
- 13.13 Sirai
 - 13.13.1 Sirai Company Information
 - 13.13.2 Sirai Direct-acting Solenoid Valves Product Portfolios and Specifications
 - 13.13.3 Sirai Direct-acting Solenoid Valves Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.13.4 Sirai Main Business Overview
 - 13.13.5 Sirai Latest Developments
- 13.14 Saginomiya
 - 13.14.1 Saginomiya Company Information
 - 13.14.2 Saginomiya Direct-acting Solenoid Valves Product Portfolios and Specifications

13.14.3 Saginomiya Direct-acting Solenoid Valves Sales, Revenue, Price and Gross Margin (2020-2025)

13.14.4 Saginomiya Main Business Overview

13.14.5 Saginomiya Latest Developments

13.15 ODE

13.15.1 ODE Company Information

13.15.2 ODE Direct-acting Solenoid Valves Product Portfolios and Specifications

13.15.3 ODE Direct-acting Solenoid Valves Sales, Revenue, Price and Gross Margin (2020-2025)

13.15.4 ODE Main Business Overview

13.15.5 ODE Latest Developments

13.16 YPC

13.16.1 YPC Company Information

13.16.2 YPC Direct-acting Solenoid Valves Product Portfolios and Specifications

13.16.3 YPC Direct-acting Solenoid Valves Sales, Revenue, Price and Gross Margin (2020-2025)

13.16.4 YPC Main Business Overview

13.16.5 YPC Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Direct-acting Solenoid Valves Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Direct-acting Solenoid Valves Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of Step-by-step direct-acting diaphragm structure

Table 4. Major Players of Direct acting piston structure

Table 5. Major Players of Direct motion diaphragm structure

Table 6. Major Players of Step-by-step piston structure

Table 7. Global Direct-acting Solenoid Valves Sales by Type (2020-2025) & (K Units)

Table 8. Global Direct-acting Solenoid Valves Sales Market Share by Type (2020-2025)

Table 9. Global Direct-acting Solenoid Valves Revenue by Type (2020-2025) & (\$ million)

Table 10. Global Direct-acting Solenoid Valves Revenue Market Share by Type (2020-2025)

Table 11. Global Direct-acting Solenoid Valves Sale Price by Type (2020-2025) & (USD/Unit)

Table 12. Global Direct-acting Solenoid Valves Sale by Application (2020-2025) & (K Units)

Table 13. Global Direct-acting Solenoid Valves Sale Market Share by Application (2020-2025)

Table 14. Global Direct-acting Solenoid Valves Revenue by Application (2020-2025) & (\$ million)

Table 15. Global Direct-acting Solenoid Valves Revenue Market Share by Application (2020-2025)

Table 16. Global Direct-acting Solenoid Valves Sale Price by Application (2020-2025) & (USD/Unit)

Table 17. Global Direct-acting Solenoid Valves Sales by Company (2020-2025) & (K Units)

Table 18. Global Direct-acting Solenoid Valves Sales Market Share by Company (2020-2025)

Table 19. Global Direct-acting Solenoid Valves Revenue by Company (2020-2025) & (\$ millions)

Table 20. Global Direct-acting Solenoid Valves Revenue Market Share by Company (2020-2025)

Table 21. Global Direct-acting Solenoid Valves Sale Price by Company (2020-2025) &

(USD/Unit)

Table 22. Key Manufacturers Direct-acting Solenoid Valves Producing Area Distribution and Sales Area

Table 23. Players Direct-acting Solenoid Valves Products Offered

Table 24. Direct-acting Solenoid Valves Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 25. New Products and Potential Entrants

Table 26. Market M&A Activity & Strategy

Table 27. Global Direct-acting Solenoid Valves Sales by Geographic Region (2020-2025) & (K Units)

Table 28. Global Direct-acting Solenoid Valves Sales Market Share Geographic Region (2020-2025)

Table 29. Global Direct-acting Solenoid Valves Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 30. Global Direct-acting Solenoid Valves Revenue Market Share by Geographic Region (2020-2025)

Table 31. Global Direct-acting Solenoid Valves Sales by Country/Region (2020-2025) & (K Units)

Table 32. Global Direct-acting Solenoid Valves Sales Market Share by Country/Region (2020-2025)

Table 33. Global Direct-acting Solenoid Valves Revenue by Country/Region (2020-2025) & (\$ millions)

Table 34. Global Direct-acting Solenoid Valves Revenue Market Share by Country/Region (2020-2025)

Table 35. Americas Direct-acting Solenoid Valves Sales by Country (2020-2025) & (K Units)

Table 36. Americas Direct-acting Solenoid Valves Sales Market Share by Country (2020-2025)

Table 37. Americas Direct-acting Solenoid Valves Revenue by Country (2020-2025) & (\$ millions)

Table 38. Americas Direct-acting Solenoid Valves Sales by Type (2020-2025) & (K Units)

Table 39. Americas Direct-acting Solenoid Valves Sales by Application (2020-2025) & (K Units)

Table 40. APAC Direct-acting Solenoid Valves Sales by Region (2020-2025) & (K Units)

Table 41. APAC Direct-acting Solenoid Valves Sales Market Share by Region (2020-2025)

Table 42. APAC Direct-acting Solenoid Valves Revenue by Region (2020-2025) & (\$ millions)

Table 43. APAC Direct-acting Solenoid Valves Sales by Type (2020-2025) & (K Units)

Table 44. APAC Direct-acting Solenoid Valves Sales by Application (2020-2025) & (K Units)

Table 45. Europe Direct-acting Solenoid Valves Sales by Country (2020-2025) & (K Units)

Table 46. Europe Direct-acting Solenoid Valves Revenue by Country (2020-2025) & (\$ millions)

Table 47. Europe Direct-acting Solenoid Valves Sales by Type (2020-2025) & (K Units)

Table 48. Europe Direct-acting Solenoid Valves Sales by Application (2020-2025) & (K Units)

Table 49. Middle East & Africa Direct-acting Solenoid Valves Sales by Country (2020-2025) & (K Units)

Table 50. Middle East & Africa Direct-acting Solenoid Valves Revenue Market Share by Country (2020-2025)

Table 51. Middle East & Africa Direct-acting Solenoid Valves Sales by Type (2020-2025) & (K Units)

Table 52. Middle East & Africa Direct-acting Solenoid Valves Sales by Application (2020-2025) & (K Units)

Table 53. Key Market Drivers & Growth Opportunities of Direct-acting Solenoid Valves

Table 54. Key Market Challenges & Risks of Direct-acting Solenoid Valves

Table 55. Key Industry Trends of Direct-acting Solenoid Valves

Table 56. Direct-acting Solenoid Valves Raw Material

Table 57. Key Suppliers of Raw Materials

Table 58. Direct-acting Solenoid Valves Distributors List

Table 59. Direct-acting Solenoid Valves Customer List

Table 60. Global Direct-acting Solenoid Valves Sales Forecast by Region (2026-2031) & (K Units)

Table 61. Global Direct-acting Solenoid Valves Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 62. Americas Direct-acting Solenoid Valves Sales Forecast by Country (2026-2031) & (K Units)

Table 63. Americas Direct-acting Solenoid Valves Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 64. APAC Direct-acting Solenoid Valves Sales Forecast by Region (2026-2031) & (K Units)

Table 65. APAC Direct-acting Solenoid Valves Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 66. Europe Direct-acting Solenoid Valves Sales Forecast by Country (2026-2031) & (K Units)

- Table 67. Europe Direct-acting Solenoid Valves Revenue Forecast by Country (2026-2031) & (\$ millions)
- Table 68. Middle East & Africa Direct-acting Solenoid Valves Sales Forecast by Country (2026-2031) & (K Units)
- Table 69. Middle East & Africa Direct-acting Solenoid Valves Revenue Forecast by Country (2026-2031) & (\$ millions)
- Table 70. Global Direct-acting Solenoid Valves Sales Forecast by Type (2026-2031) & (K Units)
- Table 71. Global Direct-acting Solenoid Valves Revenue Forecast by Type (2026-2031) & (\$ millions)
- Table 72. Global Direct-acting Solenoid Valves Sales Forecast by Application (2026-2031) & (K Units)
- Table 73. Global Direct-acting Solenoid Valves Revenue Forecast by Application (2026-2031) & (\$ millions)
- Table 74. ASCO Basic Information, Direct-acting Solenoid Valves Manufacturing Base, Sales Area and Its Competitors
- Table 75. ASCO Direct-acting Solenoid Valves Product Portfolios and Specifications
- Table 76. ASCO Direct-acting Solenoid Valves Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 77. ASCO Main Business
- Table 78. ASCO Latest Developments
- Table 79. Parker Basic Information, Direct-acting Solenoid Valves Manufacturing Base, Sales Area and Its Competitors
- Table 80. Parker Direct-acting Solenoid Valves Product Portfolios and Specifications
- Table 81. Parker Direct-acting Solenoid Valves Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 82. Parker Main Business
- Table 83. Parker Latest Developments
- Table 84. Danfoss Basic Information, Direct-acting Solenoid Valves Manufacturing Base, Sales Area and Its Competitors
- Table 85. Danfoss Direct-acting Solenoid Valves Product Portfolios and Specifications
- Table 86. Danfoss Direct-acting Solenoid Valves Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 87. Danfoss Main Business
- Table 88. Danfoss Latest Developments
- Table 89. SMC Basic Information, Direct-acting Solenoid Valves Manufacturing Base, Sales Area and Its Competitors
- Table 90. SMC Direct-acting Solenoid Valves Product Portfolios and Specifications
- Table 91. SMC Direct-acting Solenoid Valves Sales (K Units), Revenue (\$ Million), Price

(USD/Unit) and Gross Margin (2020-2025)

Table 92. SMC Main Business

Table 93. SMC Latest Developments

Table 94. Festo Basic Information, Direct-acting Solenoid Valves Manufacturing Base, Sales Area and Its Competitors

Table 95. Festo Direct-acting Solenoid Valves Product Portfolios and Specifications

Table 96. Festo Direct-acting Solenoid Valves Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 97. Festo Main Business

Table 98. Festo Latest Developments

Table 99. Emerson Basic Information, Direct-acting Solenoid Valves Manufacturing Base, Sales Area and Its Competitors

Table 100. Emerson Direct-acting Solenoid Valves Product Portfolios and Specifications

Table 101. Emerson Direct-acting Solenoid Valves Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 102. Emerson Main Business

Table 103. Emerson Latest Developments

Table 104. Norgren Basic Information, Direct-acting Solenoid Valves Manufacturing Base, Sales Area and Its Competitors

Table 105. Norgren Direct-acting Solenoid Valves Product Portfolios and Specifications

Table 106. Norgren Direct-acting Solenoid Valves Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 107. Norgren Main Business

Table 108. Norgren Latest Developments

Table 109. Burkert Basic Information, Direct-acting Solenoid Valves Manufacturing Base, Sales Area and Its Competitors

Table 110. Burkert Direct-acting Solenoid Valves Product Portfolios and Specifications

Table 111. Burkert Direct-acting Solenoid Valves Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 112. Burkert Main Business

Table 113. Burkert Latest Developments

Table 114. CKD Basic Information, Direct-acting Solenoid Valves Manufacturing Base, Sales Area and Its Competitors

Table 115. CKD Direct-acting Solenoid Valves Product Portfolios and Specifications

Table 116. CKD Direct-acting Solenoid Valves Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 117. CKD Main Business

Table 118. CKD Latest Developments

Table 119. Takasago Electric Basic Information, Direct-acting Solenoid Valves

Manufacturing Base, Sales Area and Its Competitors

Table 120. Takasago Electric Direct-acting Solenoid Valves Product Portfolios and Specifications

Table 121. Takasago Electric Direct-acting Solenoid Valves Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 122. Takasago Electric Main Business

Table 123. Takasago Electric Latest Developments

Table 124. Kendrion Basic Information, Direct-acting Solenoid Valves Manufacturing Base, Sales Area and Its Competitors

Table 125. Kendrion Direct-acting Solenoid Valves Product Portfolios and Specifications

Table 126. Kendrion Direct-acting Solenoid Valves Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 127. Kendrion Main Business

Table 128. Kendrion Latest Developments

Table 129. CEME Basic Information, Direct-acting Solenoid Valves Manufacturing Base, Sales Area and Its Competitors

Table 130. CEME Direct-acting Solenoid Valves Product Portfolios and Specifications

Table 131. CEME Direct-acting Solenoid Valves Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 132. CEME Main Business

Table 133. CEME Latest Developments

Table 134. Sirai Basic Information, Direct-acting Solenoid Valves Manufacturing Base, Sales Area and Its Competitors

Table 135. Sirai Direct-acting Solenoid Valves Product Portfolios and Specifications

Table 136. Sirai Direct-acting Solenoid Valves Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 137. Sirai Main Business

Table 138. Sirai Latest Developments

Table 139. Saginomiya Basic Information, Direct-acting Solenoid Valves Manufacturing Base, Sales Area and Its Competitors

Table 140. Saginomiya Direct-acting Solenoid Valves Product Portfolios and Specifications

Table 141. Saginomiya Direct-acting Solenoid Valves Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 142. Saginomiya Main Business

Table 143. Saginomiya Latest Developments

Table 144. ODE Basic Information, Direct-acting Solenoid Valves Manufacturing Base, Sales Area and Its Competitors

Table 145. ODE Direct-acting Solenoid Valves Product Portfolios and Specifications

Table 146. ODE Direct-acting Solenoid Valves Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 147. ODE Main Business

Table 148. ODE Latest Developments

Table 149. YPC Basic Information, Direct-acting Solenoid Valves Manufacturing Base, Sales Area and Its Competitors

Table 150. YPC Direct-acting Solenoid Valves Product Portfolios and Specifications

Table 151. YPC Direct-acting Solenoid Valves Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 152. YPC Main Business

Table 153. YPC Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Direct-acting Solenoid Valves
- Figure 2. Direct-acting Solenoid Valves Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Direct-acting Solenoid Valves Sales Growth Rate 2020-2031 (K Units)
- Figure 7. Global Direct-acting Solenoid Valves Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Direct-acting Solenoid Valves Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Direct-acting Solenoid Valves Sales Market Share by Country/Region (2024)
- Figure 10. Direct-acting Solenoid Valves Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Step-by-step direct-acting diaphragm structure
- Figure 12. Product Picture of Direct acting piston structure
- Figure 13. Product Picture of Direct motion diaphragm structure
- Figure 14. Product Picture of Step-by-step piston structure
- Figure 15. Global Direct-acting Solenoid Valves Sales Market Share by Type in 2025
- Figure 16. Global Direct-acting Solenoid Valves Revenue Market Share by Type (2020-2025)
- Figure 17. Direct-acting Solenoid Valves Consumed in Mechinary
- Figure 18. Global Direct-acting Solenoid Valves Market: Mechinary (2020-2025) & (K Units)
- Figure 19. Direct-acting Solenoid Valves Consumed in Energy
- Figure 20. Global Direct-acting Solenoid Valves Market: Energy (2020-2025) & (K Units)
- Figure 21. Direct-acting Solenoid Valves Consumed in Manufacturing
- Figure 22. Global Direct-acting Solenoid Valves Market: Manufacturing (2020-2025) & (K Units)
- Figure 23. Direct-acting Solenoid Valves Consumed in Others
- Figure 24. Global Direct-acting Solenoid Valves Market: Others (2020-2025) & (K Units)
- Figure 25. Global Direct-acting Solenoid Valves Sale Market Share by Application (2024)
- Figure 26. Global Direct-acting Solenoid Valves Revenue Market Share by Application in 2025
- Figure 27. Direct-acting Solenoid Valves Sales by Company in 2025 (K Units)

Figure 28. Global Direct-acting Solenoid Valves Sales Market Share by Company in 2025

Figure 29. Direct-acting Solenoid Valves Revenue by Company in 2025 (\$ millions)

Figure 30. Global Direct-acting Solenoid Valves Revenue Market Share by Company in 2025

Figure 31. Global Direct-acting Solenoid Valves Sales Market Share by Geographic Region (2020-2025)

Figure 32. Global Direct-acting Solenoid Valves Revenue Market Share by Geographic Region in 2025

Figure 33. Americas Direct-acting Solenoid Valves Sales 2020-2025 (K Units)

Figure 34. Americas Direct-acting Solenoid Valves Revenue 2020-2025 (\$ millions)

Figure 35. APAC Direct-acting Solenoid Valves Sales 2020-2025 (K Units)

Figure 36. APAC Direct-acting Solenoid Valves Revenue 2020-2025 (\$ millions)

Figure 37. Europe Direct-acting Solenoid Valves Sales 2020-2025 (K Units)

Figure 38. Europe Direct-acting Solenoid Valves Revenue 2020-2025 (\$ millions)

Figure 39. Middle East & Africa Direct-acting Solenoid Valves Sales 2020-2025 (K Units)

Figure 40. Middle East & Africa Direct-acting Solenoid Valves Revenue 2020-2025 (\$ millions)

Figure 41. Americas Direct-acting Solenoid Valves Sales Market Share by Country in 2025

Figure 42. Americas Direct-acting Solenoid Valves Revenue Market Share by Country (2020-2025)

Figure 43. Americas Direct-acting Solenoid Valves Sales Market Share by Type (2020-2025)

Figure 44. Americas Direct-acting Solenoid Valves Sales Market Share by Application (2020-2025)

Figure 45. United States Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 46. Canada Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 47. Mexico Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 48. Brazil Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 49. APAC Direct-acting Solenoid Valves Sales Market Share by Region in 2025

Figure 50. APAC Direct-acting Solenoid Valves Revenue Market Share by Region (2020-2025)

Figure 51. APAC Direct-acting Solenoid Valves Sales Market Share by Type (2020-2025)

Figure 52. APAC Direct-acting Solenoid Valves Sales Market Share by Application (2020-2025)

Figure 53. China Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 54. Japan Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 55. South Korea Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 56. Southeast Asia Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 57. India Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 58. Australia Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 59. China Taiwan Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 60. Europe Direct-acting Solenoid Valves Sales Market Share by Country in 2025

Figure 61. Europe Direct-acting Solenoid Valves Revenue Market Share by Country (2020-2025)

Figure 62. Europe Direct-acting Solenoid Valves Sales Market Share by Type (2020-2025)

Figure 63. Europe Direct-acting Solenoid Valves Sales Market Share by Application (2020-2025)

Figure 64. Germany Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 65. France Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 66. UK Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 67. Italy Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 68. Russia Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 69. Middle East & Africa Direct-acting Solenoid Valves Sales Market Share by Country (2020-2025)

Figure 70. Middle East & Africa Direct-acting Solenoid Valves Sales Market Share by Type (2020-2025)

Figure 71. Middle East & Africa Direct-acting Solenoid Valves Sales Market Share by Application (2020-2025)

Figure 72. Egypt Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 73. South Africa Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 74. Israel Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 75. Turkey Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 76. GCC Countries Direct-acting Solenoid Valves Revenue Growth 2020-2025 (\$ millions)

Figure 77. Manufacturing Cost Structure Analysis of Direct-acting Solenoid Valves in 2025

Figure 78. Manufacturing Process Analysis of Direct-acting Solenoid Valves

Figure 79. Industry Chain Structure of Direct-acting Solenoid Valves

Figure 80. Channels of Distribution

Figure 81. Global Direct-acting Solenoid Valves Sales Market Forecast by Region (2026-2031)

Figure 82. Global Direct-acting Solenoid Valves Revenue Market Share Forecast by Region (2026-2031)

Figure 83. Global Direct-acting Solenoid Valves Sales Market Share Forecast by Type (2026-2031)

Figure 84. Global Direct-acting Solenoid Valves Revenue Market Share Forecast by Type (2026-2031)

Figure 85. Global Direct-acting Solenoid Valves Sales Market Share Forecast by Application (2026-2031)

Figure 86. Global Direct-acting Solenoid Valves Revenue Market Share Forecast by Application (2026-2031)

I would like to order

Product name: Global Direct-acting Solenoid Valves Market Growth 2025-2031

Product link: <https://marketpublishers.com/r/G80D1C75D705EN.html>

Price: US\$ 3,660.00 (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/G80D1C75D705EN.html>