

Global Solenoid Valves For Railway Market Growth 2023-2029

https://marketpublishers.com/r/GB1AB4522F04EN.html

Date: March 2023 Pages: 111 Price: US\$ 3,660.00 (Single User License) ID: GB1AB4522F04EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The global Solenoid Valves For Railway market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Solenoid Valves For Railway is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Solenoid Valves For Railway is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Solenoid Valves For Railway is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Solenoid Valves For Railway players cover ABB, EMERSON, Parker, Eaton, Burkert, HAFNER Pneumatik Kr?mer KG, Norgren, Valmet and nass magnet, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

Solenoid valves for railways are those that provide solenoid valves suitable for controlling pantographs, sliding or automatic doors, braking systems, suspension devices and all other types of pneumatic devices on trains and public transport. The operating environment of railways is often characterised by extreme weather and environmental conditions, dust, vibration and pressure, which pose a challenge to solenoid valves. This is why major manufacturers have designed and introduced special



solenoid valves for use on railways.

LPI (LP Information)' newest research report, the "Solenoid Valves For Railway Industry Forecast" looks at past sales and reviews total world Solenoid Valves For Railway sales in 2022, providing a comprehensive analysis by region and market sector of projected Solenoid Valves For Railway sales for 2023 through 2029. With Solenoid Valves For Railway sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Solenoid Valves For Railway industry.

This Insight Report provides a comprehensive analysis of the global Solenoid Valves For Railway 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 Solenoid Valves For Railway portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Solenoid Valves For Railway market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Solenoid Valves For Railway 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 Solenoid Valves For Railway.

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

Market Segmentation:

Segmentation by type

2-Way Solenoid Valves

3-Way Solenoid Valves

Segmentation by application

Global Solenoid Valves For Railway Market Growth 2023-2029



Brake Control And Brake Monitoring

Passenger Car Sanitation

Pantographs And Collectors

Coupling Systems

Sanding Systems

Pneumatic Door Controls

Air Handling

Pneumatic Windscreen Wipers

Tilting Devices

Other

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 analyzing the company's coverage, product portfolio, its market penetration.

ABB



EMERSON

Parker

Eaton

Burkert

HAFNER Pneumatik Kr?mer KG

Norgren

Valmet

nass magnet

ETO GRUPPE

Koganei

Alcon

Buschjost Magnetventile GmbH & Co.KG

Fim Valvole Srl

Rail wipers

PSI Technologies Ltd.

Humphrey Products.

Key Questions Addressed in this Report

What is the 10-year outlook for the global Solenoid Valves For Railway market?

What factors are driving Solenoid Valves For Railway market growth, globally and by region?



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

How do Solenoid Valves For Railway market opportunities vary by end market size?

How does Solenoid Valves For Railway break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?



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 Solenoid Valves For Railway Annual Sales 2018-2029
- 2.1.2 World Current & Future Analysis for Solenoid Valves For Railway by Geographic Region, 2018, 2022 & 2029
- 2.1.3 World Current & Future Analysis for Solenoid Valves For Railway by
- Country/Region, 2018, 2022 & 2029
- 2.2 Solenoid Valves For Railway Segment by Type
- 2.2.1 2-Way Solenoid Valves
- 2.2.2 3-Way Solenoid Valves
- 2.3 Solenoid Valves For Railway Sales by Type
- 2.3.1 Global Solenoid Valves For Railway Sales Market Share by Type (2018-2023)
- 2.3.2 Global Solenoid Valves For Railway Revenue and Market Share by Type (2018-2023)
- 2.3.3 Global Solenoid Valves For Railway Sale Price by Type (2018-2023)
- 2.4 Solenoid Valves For Railway Segment by Application
- 2.4.1 Brake Control And Brake Monitoring
- 2.4.2 Passenger Car Sanitation
- 2.4.3 Pantographs And Collectors
- 2.4.4 Coupling Systems
- 2.4.5 Sanding Systems
- 2.4.6 Pneumatic Door Controls
- 2.4.7 Air Handling
- 2.4.8 Pneumatic Windscreen Wipers
- 2.4.9 Tilting Devices



2.4.10 Other

2.5 Solenoid Valves For Railway Sales by Application

2.5.1 Global Solenoid Valves For Railway Sale Market Share by Application (2018-2023)

2.5.2 Global Solenoid Valves For Railway Revenue and Market Share by Application (2018-2023)

2.5.3 Global Solenoid Valves For Railway Sale Price by Application (2018-2023)

3 GLOBAL SOLENOID VALVES FOR RAILWAY BY COMPANY

3.1 Global Solenoid Valves For Railway Breakdown Data by Company

3.1.1 Global Solenoid Valves For Railway Annual Sales by Company (2018-2023)

3.1.2 Global Solenoid Valves For Railway Sales Market Share by Company (2018-2023)

3.2 Global Solenoid Valves For Railway Annual Revenue by Company (2018-2023)

3.2.1 Global Solenoid Valves For Railway Revenue by Company (2018-2023)

3.2.2 Global Solenoid Valves For Railway Revenue Market Share by Company (2018-2023)

3.3 Global Solenoid Valves For Railway Sale Price by Company

3.4 Key Manufacturers Solenoid Valves For Railway Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Solenoid Valves For Railway Product Location Distribution

- 3.4.2 Players Solenoid Valves For Railway Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
- 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR SOLENOID VALVES FOR RAILWAY BY GEOGRAPHIC REGION

4.1 World Historic Solenoid Valves For Railway Market Size by Geographic Region (2018-2023)

4.1.1 Global Solenoid Valves For Railway Annual Sales by Geographic Region (2018-2023)

4.1.2 Global Solenoid Valves For Railway Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic Solenoid Valves For Railway Market Size by Country/Region



(2018-2023)

4.2.1 Global Solenoid Valves For Railway Annual Sales by Country/Region (2018-2023)

4.2.2 Global Solenoid Valves For Railway Annual Revenue by Country/Region (2018-2023)

- 4.3 Americas Solenoid Valves For Railway Sales Growth
- 4.4 APAC Solenoid Valves For Railway Sales Growth
- 4.5 Europe Solenoid Valves For Railway Sales Growth
- 4.6 Middle East & Africa Solenoid Valves For Railway Sales Growth

5 AMERICAS

- 5.1 Americas Solenoid Valves For Railway Sales by Country
- 5.1.1 Americas Solenoid Valves For Railway Sales by Country (2018-2023)
- 5.1.2 Americas Solenoid Valves For Railway Revenue by Country (2018-2023)
- 5.2 Americas Solenoid Valves For Railway Sales by Type
- 5.3 Americas Solenoid Valves For Railway Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

6.1 APAC Solenoid Valves For Railway Sales by Region

- 6.1.1 APAC Solenoid Valves For Railway Sales by Region (2018-2023)
- 6.1.2 APAC Solenoid Valves For Railway Revenue by Region (2018-2023)
- 6.2 APAC Solenoid Valves For Railway Sales by Type
- 6.3 APAC Solenoid Valves For Railway Sales by Application
- 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 Solenoid Valves For Railway by Country
- 7.1.1 Europe Solenoid Valves For Railway Sales by Country (2018-2023)
- 7.1.2 Europe Solenoid Valves For Railway Revenue by Country (2018-2023)
- 7.2 Europe Solenoid Valves For Railway Sales by Type
- 7.3 Europe Solenoid Valves For Railway Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Solenoid Valves For Railway by Country
- 8.1.1 Middle East & Africa Solenoid Valves For Railway Sales by Country (2018-2023)
- 8.1.2 Middle East & Africa Solenoid Valves For Railway Revenue by Country (2018-2023)
- 8.2 Middle East & Africa Solenoid Valves For Railway Sales by Type
- 8.3 Middle East & Africa Solenoid Valves For Railway Sales by Application
- 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 Solenoid Valves For Railway
- 10.3 Manufacturing Process Analysis of Solenoid Valves For Railway
- 10.4 Industry Chain Structure of Solenoid Valves For Railway

11 MARKETING, DISTRIBUTORS AND CUSTOMER



- 11.1 Sales Channel
 - 11.1.1 Direct Channels
- 11.1.2 Indirect Channels
- 11.2 Solenoid Valves For Railway Distributors
- 11.3 Solenoid Valves For Railway Customer

12 WORLD FORECAST REVIEW FOR SOLENOID VALVES FOR RAILWAY BY GEOGRAPHIC REGION

12.1 Global Solenoid Valves For Railway Market Size Forecast by Region

- 12.1.1 Global Solenoid Valves For Railway Forecast by Region (2024-2029)
- 12.1.2 Global Solenoid Valves For Railway Annual Revenue Forecast by Region (2024-2029)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Solenoid Valves For Railway Forecast by Type
- 12.7 Global Solenoid Valves For Railway Forecast by Application

13 KEY PLAYERS ANALYSIS

- 13.1 ABB
 - 13.1.1 ABB Company Information
 - 13.1.2 ABB Solenoid Valves For Railway Product Portfolios and Specifications

13.1.3 ABB Solenoid Valves For Railway Sales, Revenue, Price and Gross Margin (2018-2023)

- 13.1.4 ABB Main Business Overview
- 13.1.5 ABB Latest Developments

13.2 EMERSON

- 13.2.1 EMERSON Company Information
- 13.2.2 EMERSON Solenoid Valves For Railway Product Portfolios and Specifications

13.2.3 EMERSON Solenoid Valves For Railway Sales, Revenue, Price and Gross Margin (2018-2023)

- 13.2.4 EMERSON Main Business Overview
- 13.2.5 EMERSON Latest Developments
- 13.3 Parker
- 13.3.1 Parker Company Information



13.3.2 Parker Solenoid Valves For Railway Product Portfolios and Specifications

13.3.3 Parker Solenoid Valves For Railway Sales, Revenue, Price and Gross Margin (2018-2023)

13.3.4 Parker Main Business Overview

13.3.5 Parker Latest Developments

- 13.4 Eaton
 - 13.4.1 Eaton Company Information
- 13.4.2 Eaton Solenoid Valves For Railway Product Portfolios and Specifications

13.4.3 Eaton Solenoid Valves For Railway Sales, Revenue, Price and Gross Margin (2018-2023)

13.4.4 Eaton Main Business Overview

13.4.5 Eaton Latest Developments

13.5 Burkert

13.5.1 Burkert Company Information

13.5.2 Burkert Solenoid Valves For Railway Product Portfolios and Specifications

13.5.3 Burkert Solenoid Valves For Railway Sales, Revenue, Price and Gross Margin (2018-2023)

13.5.4 Burkert Main Business Overview

13.5.5 Burkert Latest Developments

13.6 HAFNER Pneumatik Kr?mer KG

13.6.1 HAFNER Pneumatik Kr?mer KG Company Information

13.6.2 HAFNER Pneumatik Kr?mer KG Solenoid Valves For Railway Product

Portfolios and Specifications

13.6.3 HAFNER Pneumatik Kr?mer KG Solenoid Valves For Railway Sales, Revenue, Price and Gross Margin (2018-2023)

13.6.4 HAFNER Pneumatik Kr?mer KG Main Business Overview

13.6.5 HAFNER Pneumatik Kr?mer KG Latest Developments

13.7 Norgren

13.7.1 Norgren Company Information

13.7.2 Norgren Solenoid Valves For Railway Product Portfolios and Specifications

13.7.3 Norgren Solenoid Valves For Railway Sales, Revenue, Price and Gross Margin (2018-2023)

13.7.4 Norgren Main Business Overview

13.7.5 Norgren Latest Developments

13.8 Valmet

13.8.1 Valmet Company Information

13.8.2 Valmet Solenoid Valves For Railway Product Portfolios and Specifications

13.8.3 Valmet Solenoid Valves For Railway Sales, Revenue, Price and Gross Margin (2018-2023)



13.8.4 Valmet Main Business Overview

13.8.5 Valmet Latest Developments

13.9 nass magnet

13.9.1 nass magnet Company Information

13.9.2 nass magnet Solenoid Valves For Railway Product Portfolios and Specifications

13.9.3 nass magnet Solenoid Valves For Railway Sales, Revenue, Price and Gross Margin (2018-2023)

13.9.4 nass magnet Main Business Overview

13.9.5 nass magnet Latest Developments

13.10 ETO GRUPPE

13.10.1 ETO GRUPPE Company Information

13.10.2 ETO GRUPPE Solenoid Valves For Railway Product Portfolios and

Specifications

13.10.3 ETO GRUPPE Solenoid Valves For Railway Sales, Revenue, Price and Gross Margin (2018-2023)

13.10.4 ETO GRUPPE Main Business Overview

13.10.5 ETO GRUPPE Latest Developments

13.11 Koganei

13.11.1 Koganei Company Information

13.11.2 Koganei Solenoid Valves For Railway Product Portfolios and Specifications

13.11.3 Koganei Solenoid Valves For Railway Sales, Revenue, Price and Gross Margin (2018-2023)

13.11.4 Koganei Main Business Overview

13.11.5 Koganei Latest Developments

13.12 Alcon

13.12.1 Alcon Company Information

13.12.2 Alcon Solenoid Valves For Railway Product Portfolios and Specifications

13.12.3 Alcon Solenoid Valves For Railway Sales, Revenue, Price and Gross Margin (2018-2023)

13.12.4 Alcon Main Business Overview

13.12.5 Alcon Latest Developments

13.13 Buschjost Magnetventile GmbH & Co.KG

13.13.1 Buschjost Magnetventile GmbH & Co.KG Company Information

13.13.2 Buschjost Magnetventile GmbH & Co.KG Solenoid Valves For Railway

Product Portfolios and Specifications

13.13.3 Buschjost Magnetventile GmbH & Co.KG Solenoid Valves For Railway Sales, Revenue, Price and Gross Margin (2018-2023)

13.13.4 Buschjost Magnetventile GmbH & Co.KG Main Business Overview

13.13.5 Buschjost Magnetventile GmbH & Co.KG Latest Developments



13.14 Fim Valvole Srl

13.14.1 Fim Valvole Srl Company Information

13.14.2 Fim Valvole Srl Solenoid Valves For Railway Product Portfolios and

Specifications

13.14.3 Fim Valvole Srl Solenoid Valves For Railway Sales, Revenue, Price and Gross Margin (2018-2023)

13.14.4 Fim Valvole Srl Main Business Overview

13.14.5 Fim Valvole Srl Latest Developments

13.15 Rail wipers

13.15.1 Rail wipers Company Information

13.15.2 Rail wipers Solenoid Valves For Railway Product Portfolios and Specifications

13.15.3 Rail wipers Solenoid Valves For Railway Sales, Revenue, Price and Gross Margin (2018-2023)

13.15.4 Rail wipers Main Business Overview

13.15.5 Rail wipers Latest Developments

13.16 PSI Technologies Ltd.

13.16.1 PSI Technologies Ltd. Company Information

13.16.2 PSI Technologies Ltd. Solenoid Valves For Railway Product Portfolios and Specifications

13.16.3 PSI Technologies Ltd. Solenoid Valves For Railway Sales, Revenue, Price and Gross Margin (2018-2023)

13.16.4 PSI Technologies Ltd. Main Business Overview

13.16.5 PSI Technologies Ltd. Latest Developments

13.17 Humphrey Products.

13.17.1 Humphrey Products. Company Information

13.17.2 Humphrey Products. Solenoid Valves For Railway Product Portfolios and Specifications

13.17.3 Humphrey Products. Solenoid Valves For Railway Sales, Revenue, Price and Gross Margin (2018-2023)

13.17.4 Humphrey Products. Main Business Overview

13.17.5 Humphrey Products. Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION



List Of Tables

LIST OF TABLES

Table 1. Solenoid Valves For Railway Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions) Table 2. Solenoid Valves For Railway Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions) Table 3. Major Players of 2-Way Solenoid Valves Table 4. Major Players of 3-Way Solenoid Valves Table 5. Global Solenoid Valves For Railway Sales by Type (2018-2023) & (Units) Table 6. Global Solenoid Valves For Railway Sales Market Share by Type (2018-2023) Table 7. Global Solenoid Valves For Railway Revenue by Type (2018-2023) & (\$ million) Table 8. Global Solenoid Valves For Railway Revenue Market Share by Type (2018-2023)Table 9. Global Solenoid Valves For Railway Sale Price by Type (2018-2023) & (US\$/Unit) Table 10. Global Solenoid Valves For Railway Sales by Application (2018-2023) & (Units) Table 11. Global Solenoid Valves For Railway Sales Market Share by Application (2018 - 2023)Table 12. Global Solenoid Valves For Railway Revenue by Application (2018-2023) Table 13. Global Solenoid Valves For Railway Revenue Market Share by Application (2018-2023)Table 14. Global Solenoid Valves For Railway Sale Price by Application (2018-2023) & (US\$/Unit) Table 15. Global Solenoid Valves For Railway Sales by Company (2018-2023) & (Units) Table 16. Global Solenoid Valves For Railway Sales Market Share by Company (2018 - 2023)Table 17. Global Solenoid Valves For Railway Revenue by Company (2018-2023) (\$ Millions) Table 18. Global Solenoid Valves For Railway Revenue Market Share by Company (2018-2023)Table 19. Global Solenoid Valves For Railway Sale Price by Company (2018-2023) & (US\$/Unit) Table 20. Key Manufacturers Solenoid Valves For Railway Producing Area Distribution and Sales Area Table 21. Players Solenoid Valves For Railway Products Offered



Table 22. Solenoid Valves For Railway Concentration Ratio (CR3, CR5 and CR10) & (2018 - 2023)Table 23. New Products and Potential Entrants Table 24. Mergers & Acquisitions, Expansion Table 25. Global Solenoid Valves For Railway Sales by Geographic Region (2018-2023) & (Units) Table 26. Global Solenoid Valves For Railway Sales Market Share Geographic Region (2018-2023)Table 27. Global Solenoid Valves For Railway Revenue by Geographic Region (2018-2023) & (\$ millions) Table 28. Global Solenoid Valves For Railway Revenue Market Share by Geographic Region (2018-2023) Table 29. Global Solenoid Valves For Railway Sales by Country/Region (2018-2023) & (Units) Table 30. Global Solenoid Valves For Railway Sales Market Share by Country/Region (2018-2023)Table 31. Global Solenoid Valves For Railway Revenue by Country/Region (2018-2023) & (\$ millions) Table 32. Global Solenoid Valves For Railway Revenue Market Share by Country/Region (2018-2023) Table 33. Americas Solenoid Valves For Railway Sales by Country (2018-2023) & (Units) Table 34. Americas Solenoid Valves For Railway Sales Market Share by Country (2018 - 2023)Table 35. Americas Solenoid Valves For Railway Revenue by Country (2018-2023) & (\$ Millions) Table 36. Americas Solenoid Valves For Railway Revenue Market Share by Country (2018-2023)Table 37. Americas Solenoid Valves For Railway Sales by Type (2018-2023) & (Units) Table 38. Americas Solenoid Valves For Railway Sales by Application (2018-2023) & (Units) Table 39. APAC Solenoid Valves For Railway Sales by Region (2018-2023) & (Units) Table 40. APAC Solenoid Valves For Railway Sales Market Share by Region (2018-2023)Table 41. APAC Solenoid Valves For Railway Revenue by Region (2018-2023) & (\$ Millions) Table 42. APAC Solenoid Valves For Railway Revenue Market Share by Region (2018 - 2023)Table 43. APAC Solenoid Valves For Railway Sales by Type (2018-2023) & (Units)



Table 44. APAC Solenoid Valves For Railway Sales by Application (2018-2023) & (Units)

Table 45. Europe Solenoid Valves For Railway Sales by Country (2018-2023) & (Units)

Table 46. Europe Solenoid Valves For Railway Sales Market Share by Country (2018-2023)

Table 47. Europe Solenoid Valves For Railway Revenue by Country (2018-2023) & (\$ Millions)

Table 48. Europe Solenoid Valves For Railway Revenue Market Share by Country (2018-2023)

Table 49. Europe Solenoid Valves For Railway Sales by Type (2018-2023) & (Units) Table 50. Europe Solenoid Valves For Railway Sales by Application (2018-2023) & (Units)

Table 51. Middle East & Africa Solenoid Valves For Railway Sales by Country (2018-2023) & (Units)

Table 52. Middle East & Africa Solenoid Valves For Railway Sales Market Share by Country (2018-2023)

Table 53. Middle East & Africa Solenoid Valves For Railway Revenue by Country (2018-2023) & (\$ Millions)

Table 54. Middle East & Africa Solenoid Valves For Railway Revenue Market Share by Country (2018-2023)

Table 55. Middle East & Africa Solenoid Valves For Railway Sales by Type (2018-2023) & (Units)

Table 56. Middle East & Africa Solenoid Valves For Railway Sales by Application (2018-2023) & (Units)

- Table 57. Key Market Drivers & Growth Opportunities of Solenoid Valves For Railway
- Table 58. Key Market Challenges & Risks of Solenoid Valves For Railway
- Table 59. Key Industry Trends of Solenoid Valves For Railway
- Table 60. Solenoid Valves For Railway Raw Material
- Table 61. Key Suppliers of Raw Materials
- Table 62. Solenoid Valves For Railway Distributors List
- Table 63. Solenoid Valves For Railway Customer List

Table 64. Global Solenoid Valves For Railway Sales Forecast by Region (2024-2029) & (Units)

Table 65. Global Solenoid Valves For Railway Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 66. Americas Solenoid Valves For Railway Sales Forecast by Country (2024-2029) & (Units)

Table 67. Americas Solenoid Valves For Railway Revenue Forecast by Country (2024-2029) & (\$ millions)



Table 68. APAC Solenoid Valves For Railway Sales Forecast by Region (2024-2029) & (Units)

Table 69. APAC Solenoid Valves For Railway Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 70. Europe Solenoid Valves For Railway Sales Forecast by Country (2024-2029) & (Units)

Table 71. Europe Solenoid Valves For Railway Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 72. Middle East & Africa Solenoid Valves For Railway Sales Forecast by Country (2024-2029) & (Units)

Table 73. Middle East & Africa Solenoid Valves For Railway Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 74. Global Solenoid Valves For Railway Sales Forecast by Type (2024-2029) & (Units)

Table 75. Global Solenoid Valves For Railway Revenue Forecast by Type (2024-2029) & (\$ Millions)

Table 76. Global Solenoid Valves For Railway Sales Forecast by Application (2024-2029) & (Units)

Table 77. Global Solenoid Valves For Railway Revenue Forecast by Application (2024-2029) & (\$ Millions)

Table 78. ABB Basic Information, Solenoid Valves For Railway Manufacturing Base, Sales Area and Its Competitors

Table 79. ABB Solenoid Valves For Railway Product Portfolios and Specifications

Table 80. ABB Solenoid Valves For Railway Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 81. ABB Main Business

Table 82. ABB Latest Developments

Table 83. EMERSON Basic Information, Solenoid Valves For Railway Manufacturing Base, Sales Area and Its Competitors

Table 84. EMERSON Solenoid Valves For Railway Product Portfolios and Specifications

Table 85. EMERSON Solenoid Valves For Railway Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 86. EMERSON Main Business

Table 87. EMERSON Latest Developments

Table 88. Parker Basic Information, Solenoid Valves For Railway Manufacturing Base, Sales Area and Its Competitors

Table 89. Parker Solenoid Valves For Railway Product Portfolios and Specifications Table 90. Parker Solenoid Valves For Railway Sales (Units), Revenue (\$ Million), Price





(US\$/Unit) and Gross Margin (2018-2023) Table 91. Parker Main Business Table 92. Parker Latest Developments Table 93. Eaton Basic Information, Solenoid Valves For Railway Manufacturing Base, Sales Area and Its Competitors Table 94. Eaton Solenoid Valves For Railway Product Portfolios and Specifications Table 95. Eaton Solenoid Valves For Railway Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023) Table 96. Eaton Main Business Table 97. Eaton Latest Developments Table 98. Burkert Basic Information, Solenoid Valves For Railway Manufacturing Base, Sales Area and Its Competitors Table 99. Burkert Solenoid Valves For Railway Product Portfolios and Specifications Table 100. Burkert Solenoid Valves For Railway Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023) Table 101. Burkert Main Business Table 102. Burkert Latest Developments Table 103. HAFNER Pneumatik Kr?mer KG Basic Information, Solenoid Valves For Railway Manufacturing Base, Sales Area and Its Competitors Table 104. HAFNER Pneumatik Kr?mer KG Solenoid Valves For Railway Product Portfolios and Specifications Table 105. HAFNER Pneumatik Kr?mer KG Solenoid Valves For Railway Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023) Table 106. HAFNER Pneumatik Kr?mer KG Main Business Table 107. HAFNER Pneumatik Kr?mer KG Latest Developments Table 108. Norgren Basic Information, Solenoid Valves For Railway Manufacturing Base, Sales Area and Its Competitors Table 109. Norgren Solenoid Valves For Railway Product Portfolios and Specifications Table 110. Norgren Solenoid Valves For Railway Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023) Table 111. Norgren Main Business Table 112. Norgren Latest Developments Table 113. Valmet Basic Information, Solenoid Valves For Railway Manufacturing Base, Sales Area and Its Competitors Table 114. Valmet Solenoid Valves For Railway Product Portfolios and Specifications Table 115. Valmet Solenoid Valves For Railway Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023) Table 116. Valmet Main Business Table 117. Valmet Latest Developments



Table 118. nass magnet Basic Information, Solenoid Valves For Railway Manufacturing Base, Sales Area and Its Competitors

Table 119. nass magnet Solenoid Valves For Railway Product Portfolios and Specifications

Table 120. nass magnet Solenoid Valves For Railway Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 121. nass magnet Main Business

Table 122. nass magnet Latest Developments

Table 123. ETO GRUPPE Basic Information, Solenoid Valves For Railway

Manufacturing Base, Sales Area and Its Competitors

Table 124. ETO GRUPPE Solenoid Valves For Railway Product Portfolios and Specifications

Table 125. ETO GRUPPE Solenoid Valves For Railway Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 126. ETO GRUPPE Main Business

Table 127. ETO GRUPPE Latest Developments

Table 128. Koganei Basic Information, Solenoid Valves For Railway Manufacturing

Base, Sales Area and Its Competitors

Table 129. Koganei Solenoid Valves For Railway Product Portfolios and Specifications

Table 130. Koganei Solenoid Valves For Railway Sales (Units), Revenue (\$ Million),

Price (US\$/Unit) and Gross Margin (2018-2023)

Table 131. Koganei Main Business

Table 132. Koganei Latest Developments

Table 133. Alcon Basic Information, Solenoid Valves For Railway Manufacturing Base, Sales Area and Its Competitors

Table 134. Alcon Solenoid Valves For Railway Product Portfolios and Specifications

Table 135. Alcon Solenoid Valves For Railway Sales (Units), Revenue (\$ Million), Price

(US\$/Unit) and Gross Margin (2018-2023)

Table 136. Alcon Main Business

Table 137. Alcon Latest Developments

Table 138. Buschjost Magnetventile GmbH & Co.KG Basic Information, Solenoid ValvesFor Railway Manufacturing Base, Sales Area and Its Competitors

Table 139. Buschjost Magnetventile GmbH & Co.KG Solenoid Valves For Railway Product Portfolios and Specifications

Table 140. Buschjost Magnetventile GmbH & Co.KG Solenoid Valves For Railway

Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 141. Buschjost Magnetventile GmbH & Co.KG Main Business

Table 142. Buschjost Magnetventile GmbH & Co.KG Latest Developments

Table 143. Fim Valvole Srl Basic Information, Solenoid Valves For Railway



Manufacturing Base, Sales Area and Its Competitors Table 144. Fim Valvole Srl Solenoid Valves For Railway Product Portfolios and **Specifications** Table 145. Fim Valvole Srl Solenoid Valves For Railway Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023) Table 146. Fim Valvole Srl Main Business Table 147. Fim Valvole Srl Latest Developments Table 148. Rail wipers Basic Information, Solenoid Valves For Railway Manufacturing Base, Sales Area and Its Competitors Table 149. Rail wipers Solenoid Valves For Railway Product Portfolios and Specifications Table 150. Rail wipers Solenoid Valves For Railway Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023) Table 151. Rail wipers Main Business Table 152. Rail wipers Latest Developments Table 153. PSI Technologies Ltd. Basic Information, Solenoid Valves For Railway Manufacturing Base, Sales Area and Its Competitors Table 154. PSI Technologies Ltd. Solenoid Valves For Railway Product Portfolios and Specifications Table 155. PSI Technologies Ltd. Solenoid Valves For Railway Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023) Table 156. PSI Technologies Ltd. Main Business Table 157. PSI Technologies Ltd. Latest Developments Table 158. Humphrey Products. Basic Information, Solenoid Valves For Railway Manufacturing Base, Sales Area and Its Competitors Table 159. Humphrey Products. Solenoid Valves For Railway Product Portfolios and **Specifications** Table 160. Humphrey Products. Solenoid Valves For Railway Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023) Table 161. Humphrey Products. Main Business Table 162. Humphrey Products. Latest Developments



List Of Figures

LIST OF FIGURES

Figure 1. Picture of Solenoid Valves For Railway

Figure 2. Solenoid Valves For Railway Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Solenoid Valves For Railway Sales Growth Rate 2018-2029 (Units)

Figure 7. Global Solenoid Valves For Railway Revenue Growth Rate 2018-2029 (\$ Millions)

Figure 8. Solenoid Valves For Railway Sales by Region (2018, 2022 & 2029) & (\$ Millions)

Figure 9. Product Picture of 2-Way Solenoid Valves

Figure 10. Product Picture of 3-Way Solenoid Valves

Figure 11. Global Solenoid Valves For Railway Sales Market Share by Type in 2022

Figure 12. Global Solenoid Valves For Railway Revenue Market Share by Type (2018-2023)

Figure 13. Solenoid Valves For Railway Consumed in Brake Control And Brake Monitoring

Figure 14. Global Solenoid Valves For Railway Market: Brake Control And Brake Monitoring (2018-2023) & (Units)

Figure 15. Solenoid Valves For Railway Consumed in Passenger Car Sanitation Figure 16. Global Solenoid Valves For Railway Market: Passenger Car Sanitation (2018-2023) & (Units)

Figure 17. Solenoid Valves For Railway Consumed in Pantographs And Collectors Figure 18. Global Solenoid Valves For Railway Market: Pantographs And Collectors (2018-2023) & (Units)

Figure 19. Solenoid Valves For Railway Consumed in Coupling Systems

Figure 20. Global Solenoid Valves For Railway Market: Coupling Systems (2018-2023) & (Units)

Figure 21. Solenoid Valves For Railway Consumed in Sanding Systems

Figure 22. Global Solenoid Valves For Railway Market: Sanding Systems (2018-2023) & (Units)

Figure 23. Solenoid Valves For Railway Consumed in Pneumatic Door Controls

Figure 24. Global Solenoid Valves For Railway Market: Pneumatic Door Controls (2018-2023) & (Units)

Figure 25. Solenoid Valves For Railway Consumed in Air Handling



Figure 26. Global Solenoid Valves For Railway Market: Air Handling (2018-2023) & (Units) Figure 27. Solenoid Valves For Railway Consumed in Pneumatic Windscreen Wipers Figure 28. Global Solenoid Valves For Railway Market: Pneumatic Windscreen Wipers (2018-2023) & (Units) Figure 29. Solenoid Valves For Railway Consumed in Tilting Devices Figure 30. Global Solenoid Valves For Railway Market: Tilting Devices (2018-2023) & (Units) Figure 31. Solenoid Valves For Railway Consumed in Other Figure 32. Global Solenoid Valves For Railway Market: Other (2018-2023) & (Units) Figure 33. Global Solenoid Valves For Railway Sales Market Share by Application (2022)Figure 34. Global Solenoid Valves For Railway Revenue Market Share by Application in 2022 Figure 35. Solenoid Valves For Railway Sales Market by Company in 2022 (Units) Figure 36. Global Solenoid Valves For Railway Sales Market Share by Company in 2022 Figure 37. Solenoid Valves For Railway Revenue Market by Company in 2022 (\$ Million) Figure 38. Global Solenoid Valves For Railway Revenue Market Share by Company in 2022 Figure 39. Global Solenoid Valves For Railway Sales Market Share by Geographic Region (2018-2023) Figure 40. Global Solenoid Valves For Railway Revenue Market Share by Geographic Region in 2022 Figure 41. Americas Solenoid Valves For Railway Sales 2018-2023 (Units) Figure 42. Americas Solenoid Valves For Railway Revenue 2018-2023 (\$ Millions) Figure 43. APAC Solenoid Valves For Railway Sales 2018-2023 (Units) Figure 44. APAC Solenoid Valves For Railway Revenue 2018-2023 (\$ Millions) Figure 45. Europe Solenoid Valves For Railway Sales 2018-2023 (Units) Figure 46. Europe Solenoid Valves For Railway Revenue 2018-2023 (\$ Millions) Figure 47. Middle East & Africa Solenoid Valves For Railway Sales 2018-2023 (Units) Figure 48. Middle East & Africa Solenoid Valves For Railway Revenue 2018-2023 (\$ Millions) Figure 49. Americas Solenoid Valves For Railway Sales Market Share by Country in 2022 Figure 50. Americas Solenoid Valves For Railway Revenue Market Share by Country in 2022 Figure 51. Americas Solenoid Valves For Railway Sales Market Share by Type



(2018-2023)

Figure 52. Americas Solenoid Valves For Railway Sales Market Share by Application (2018-2023)

Figure 53. United States Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions)

Figure 54. Canada Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions)

Figure 55. Mexico Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions)

Figure 56. Brazil Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions)

Figure 57. APAC Solenoid Valves For Railway Sales Market Share by Region in 2022 Figure 58. APAC Solenoid Valves For Railway Revenue Market Share by Regions in

2022

Figure 59. APAC Solenoid Valves For Railway Sales Market Share by Type (2018-2023)

Figure 60. APAC Solenoid Valves For Railway Sales Market Share by Application (2018-2023)

Figure 61. China Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions)

Figure 62. Japan Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions)

Figure 63. South Korea Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions)

Figure 64. Southeast Asia Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions)

Figure 65. India Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions)

Figure 66. Australia Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions)

Figure 67. China Taiwan Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions)

Figure 68. Europe Solenoid Valves For Railway Sales Market Share by Country in 2022 Figure 69. Europe Solenoid Valves For Railway Revenue Market Share by Country in 2022

Figure 70. Europe Solenoid Valves For Railway Sales Market Share by Type (2018-2023)

Figure 71. Europe Solenoid Valves For Railway Sales Market Share by Application (2018-2023)

Figure 72. Germany Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions)

Figure 73. France Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions)

Figure 74. UK Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions)

Figure 75. Italy Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions)



Figure 76. Russia Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions) Figure 77. Middle East & Africa Solenoid Valves For Railway Sales Market Share by Country in 2022

Figure 78. Middle East & Africa Solenoid Valves For Railway Revenue Market Share by Country in 2022

Figure 79. Middle East & Africa Solenoid Valves For Railway Sales Market Share by Type (2018-2023)

Figure 80. Middle East & Africa Solenoid Valves For Railway Sales Market Share by Application (2018-2023)

Figure 81. Egypt Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions) Figure 82. South Africa Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions)

Figure 83. Israel Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions)

Figure 84. Turkey Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions)

Figure 85. GCC Country Solenoid Valves For Railway Revenue Growth 2018-2023 (\$ Millions)

Figure 86. Manufacturing Cost Structure Analysis of Solenoid Valves For Railway in 2022

Figure 87. Manufacturing Process Analysis of Solenoid Valves For Railway

Figure 88. Industry Chain Structure of Solenoid Valves For Railway

Figure 89. Channels of Distribution

Figure 90. Global Solenoid Valves For Railway Sales Market Forecast by Region (2024-2029)

Figure 91. Global Solenoid Valves For Railway Revenue Market Share Forecast by Region (2024-2029)

Figure 92. Global Solenoid Valves For Railway Sales Market Share Forecast by Type (2024-2029)

Figure 93. Global Solenoid Valves For Railway Revenue Market Share Forecast by Type (2024-2029)

Figure 94. Global Solenoid Valves For Railway Sales Market Share Forecast by Application (2024-2029)

Figure 95. Global Solenoid Valves For Railway Revenue Market Share Forecast by Application (2024-2029)



I would like to order

Product name: Global Solenoid Valves For Railway Market Growth 2023-2029 Product link: <u>https://marketpublishers.com/r/GB1AB4522F04EN.html</u>

> 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 <u>https://marketpublishers.com/r/GB1AB4522F04EN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970