

Global Frameless Torque Motor for Humanoid Robots Market Growth 2026-2032

<https://marketpublishers.com/r/G36794BE3FA7EN.html>

Date: July 2026

Pages: 83

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

ID: G36794BE3FA7EN

Abstracts

The global Frameless Torque Motor for Humanoid Robots market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of % from 2026 to 2032.

A frameless torque motor is a type of motor that is designed without the traditional outer housing or frame, providing a compact and direct-drive solution for various applications, including humanoid robots.

United States market for Frameless Torque Motor for Humanoid Robots is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Frameless Torque Motor for Humanoid Robots is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Frameless Torque Motor for Humanoid Robots is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Frameless Torque Motor for Humanoid Robots players cover Nidec, Kollmorgen (Regal Rexnord), Parker Hannifin, Kinco, Guangzhou Haozhi Industrial, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the ?Frameless Torque Motor for

Humanoid Robots Industry Forecast? looks at past sales and reviews total world Frameless Torque Motor for Humanoid Robots sales in 2025, providing a comprehensive analysis by region and market sector of projected Frameless Torque Motor for Humanoid Robots sales for 2026 through 2032. With Frameless Torque Motor for Humanoid Robots sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Frameless Torque Motor for Humanoid Robots industry.

This Insight Report provides a comprehensive analysis of the global Frameless Torque Motor for Humanoid Robots 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 Frameless Torque Motor for Humanoid Robots portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Frameless Torque Motor for Humanoid Robots market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Frameless Torque Motor for Humanoid Robots 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 Frameless Torque Motor for Humanoid Robots.

This report presents a comprehensive overview, market shares, and growth opportunities of Frameless Torque Motor for Humanoid Robots market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Outer Diameter, below 50 mm

Outer Diameter, 50-100 mm

Outer Diameter, above 100 mm

Segmentation by Application:

Industrial

Service Industry

Entertainment

Medical

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.

Nidec

Kollmorgen (Regal Rexnord)

Parker Hannifin

Kinco

Guangzhou Haozhi Industrial

Key Questions Addressed in this Report

What is the 10-year outlook for the global Frameless Torque Motor for Humanoid Robots market?

What factors are driving Frameless Torque Motor for Humanoid Robots market growth, globally and by region?

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

How do Frameless Torque Motor for Humanoid Robots market opportunities vary by end market size?

How does Frameless Torque Motor for Humanoid Robots 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 Frameless Torque Motor for Humanoid Robots Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Frameless Torque Motor for Humanoid Robots by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Frameless Torque Motor for Humanoid Robots by Country/Region, 2021, 2025 & 2032

2.2 Frameless Torque Motor for Humanoid Robots Segment by Type

- 2.2.1 Outer Diameter, below 50 mm
- 2.2.2 Outer Diameter, 50-100 mm
- 2.2.3 Outer Diameter, above 100 mm
- 2.2.4 Frameless Torque Motor for Humanoid Robots Sales by Type
 - 2.2.4.1 Global Frameless Torque Motor for Humanoid Robots Sales Market Share by Type (2021-2026)
 - 2.2.4.2 Global Frameless Torque Motor for Humanoid Robots Revenue and Market Share by Type (2021-2026)
 - 2.2.4.3 Global Frameless Torque Motor for Humanoid Robots Sale Price by Type (2021-2026)

2.3 Frameless Torque Motor for Humanoid Robots Segment by Application

- 2.3.1 Industrial
- 2.3.2 Service Industry
- 2.3.3 Entertainment
- 2.3.4 Medical
- 2.3.5 Others
- 2.3.6 Frameless Torque Motor for Humanoid Robots Sales by Application

2.3.6.1 Global Frameless Torque Motor for Humanoid Robots Sale Market Share by Application (2021-2026)

2.3.6.2 Global Frameless Torque Motor for Humanoid Robots Revenue and Market Share by Application (2021-2026)

2.3.6.3 Global Frameless Torque Motor for Humanoid Robots Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Frameless Torque Motor for Humanoid Robots Breakdown Data by Company

3.1.1 Global Frameless Torque Motor for Humanoid Robots Annual Sales by Company (2021-2026)

3.1.2 Global Frameless Torque Motor for Humanoid Robots Sales Market Share by Company (2021-2026)

3.2 Global Frameless Torque Motor for Humanoid Robots Annual Revenue by Company (2021-2026)

3.2.1 Global Frameless Torque Motor for Humanoid Robots Revenue by Company (2021-2026)

3.2.2 Global Frameless Torque Motor for Humanoid Robots Revenue Market Share by Company (2021-2026)

3.3 Global Frameless Torque Motor for Humanoid Robots Sale Price by Company

3.4 Key Manufacturers Frameless Torque Motor for Humanoid Robots Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Frameless Torque Motor for Humanoid Robots Product Location Distribution

3.4.2 Players Frameless Torque Motor for Humanoid Robots Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR FRAMELESS TORQUE MOTOR FOR HUMANOID ROBOTS BY GEOGRAPHIC REGION

4.1 World Historic Frameless Torque Motor for Humanoid Robots Market Size by Geographic Region (2021-2026)

4.1.1 Global Frameless Torque Motor for Humanoid Robots Annual Sales by

Geographic Region (2021-2026)

4.1.2 Global Frameless Torque Motor for Humanoid Robots Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Frameless Torque Motor for Humanoid Robots Market Size by Country/Region (2021-2026)

4.2.1 Global Frameless Torque Motor for Humanoid Robots Annual Sales by Country/Region (2021-2026)

4.2.2 Global Frameless Torque Motor for Humanoid Robots Annual Revenue by Country/Region (2021-2026)

4.3 Americas Frameless Torque Motor for Humanoid Robots Sales Growth

4.4 APAC Frameless Torque Motor for Humanoid Robots Sales Growth

4.5 Europe Frameless Torque Motor for Humanoid Robots Sales Growth

4.6 Middle East & Africa Frameless Torque Motor for Humanoid Robots Sales Growth

5 AMERICAS

5.1 Americas Frameless Torque Motor for Humanoid Robots Sales by Country

5.1.1 Americas Frameless Torque Motor for Humanoid Robots Sales by Country (2021-2026)

5.1.2 Americas Frameless Torque Motor for Humanoid Robots Revenue by Country (2021-2026)

5.2 Americas Frameless Torque Motor for Humanoid Robots Sales by Type (2021-2026)

5.3 Americas Frameless Torque Motor for Humanoid Robots Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Frameless Torque Motor for Humanoid Robots Sales by Region

6.1.1 APAC Frameless Torque Motor for Humanoid Robots Sales by Region (2021-2026)

6.1.2 APAC Frameless Torque Motor for Humanoid Robots Revenue by Region (2021-2026)

6.2 APAC Frameless Torque Motor for Humanoid Robots Sales by Type (2021-2026)

6.3 APAC Frameless Torque Motor for Humanoid Robots Sales by Application

(2021-2026)

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 Frameless Torque Motor for Humanoid Robots by Country

7.1.1 Europe Frameless Torque Motor for Humanoid Robots Sales by Country
(2021-2026)

7.1.2 Europe Frameless Torque Motor for Humanoid Robots Revenue by Country
(2021-2026)

7.2 Europe Frameless Torque Motor for Humanoid Robots Sales by Type (2021-2026)

7.3 Europe Frameless Torque Motor for Humanoid Robots Sales by Application
(2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Frameless Torque Motor for Humanoid Robots by Country

8.1.1 Middle East & Africa Frameless Torque Motor for Humanoid Robots Sales by
Country (2021-2026)

8.1.2 Middle East & Africa Frameless Torque Motor for Humanoid Robots Revenue by
Country (2021-2026)

8.2 Middle East & Africa Frameless Torque Motor for Humanoid Robots Sales by Type
(2021-2026)

8.3 Middle East & Africa Frameless Torque Motor for Humanoid Robots Sales by
Application (2021-2026)

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 Frameless Torque Motor for Humanoid Robots

10.3 Manufacturing Process Analysis of Frameless Torque Motor for Humanoid Robots

10.4 Industry Chain Structure of Frameless Torque Motor for Humanoid Robots

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Frameless Torque Motor for Humanoid Robots Distributors

11.3 Frameless Torque Motor for Humanoid Robots Customer

12 WORLD FORECAST REVIEW FOR FRAMELESS TORQUE MOTOR FOR HUMANOID ROBOTS BY GEOGRAPHIC REGION

12.1 Global Frameless Torque Motor for Humanoid Robots Market Size Forecast by Region

12.1.1 Global Frameless Torque Motor for Humanoid Robots Forecast by Region (2027-2032)

12.1.2 Global Frameless Torque Motor for Humanoid Robots Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Frameless Torque Motor for Humanoid Robots Forecast by Type

(2027-2032)

12.7 Global Frameless Torque Motor for Humanoid Robots Forecast by Application

(2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Nidec

13.1.1 Nidec Company Information

13.1.2 Nidec Frameless Torque Motor for Humanoid Robots Product Portfolios and Specifications

13.1.3 Nidec Frameless Torque Motor for Humanoid Robots Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Nidec Main Business Overview

13.1.5 Nidec Latest Developments

13.2 Kollmorgen (Regal Rexnord)

13.2.1 Kollmorgen (Regal Rexnord) Company Information

13.2.2 Kollmorgen (Regal Rexnord) Frameless Torque Motor for Humanoid Robots Product Portfolios and Specifications

13.2.3 Kollmorgen (Regal Rexnord) Frameless Torque Motor for Humanoid Robots Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Kollmorgen (Regal Rexnord) Main Business Overview

13.2.5 Kollmorgen (Regal Rexnord) Latest Developments

13.3 Parker Hannifin

13.3.1 Parker Hannifin Company Information

13.3.2 Parker Hannifin Frameless Torque Motor for Humanoid Robots Product Portfolios and Specifications

13.3.3 Parker Hannifin Frameless Torque Motor for Humanoid Robots Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Parker Hannifin Main Business Overview

13.3.5 Parker Hannifin Latest Developments

13.4 Kinco

13.4.1 Kinco Company Information

13.4.2 Kinco Frameless Torque Motor for Humanoid Robots Product Portfolios and Specifications

13.4.3 Kinco Frameless Torque Motor for Humanoid Robots Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Kinco Main Business Overview

13.4.5 Kinco Latest Developments

13.5 Guangzhou Haozhi Industrial

13.5.1 Guangzhou Haozhi Industrial Company Information

13.5.2 Guangzhou Haozhi Industrial Frameless Torque Motor for Humanoid Robots
Product Portfolios and Specifications

13.5.3 Guangzhou Haozhi Industrial Frameless Torque Motor for Humanoid Robots
Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 Guangzhou Haozhi Industrial Main Business Overview

13.5.5 Guangzhou Haozhi Industrial Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Frameless Torque Motor for Humanoid Robots Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Frameless Torque Motor for Humanoid Robots Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Outer Diameter, below 50 mm

Table 4. Major Players of Outer Diameter, 50-100 mm

Table 5. Major Players of Outer Diameter, above 100 mm

Table 6. Global Frameless Torque Motor for Humanoid Robots Sales by Type (2021-2026) & (K Units)

Table 7. Global Frameless Torque Motor for Humanoid Robots Sales Market Share by Type (2021-2026)

Table 8. Global Frameless Torque Motor for Humanoid Robots Revenue by Type (2021-2026) & (\$ million)

Table 9. Global Frameless Torque Motor for Humanoid Robots Revenue Market Share by Type (2021-2026)

Table 10. Global Frameless Torque Motor for Humanoid Robots Sale Price by Type (2021-2026) & (US\$/Unit)

Table 11. Global Frameless Torque Motor for Humanoid Robots Sale by Application (2021-2026) & (K Units)

Table 12. Global Frameless Torque Motor for Humanoid Robots Sale Market Share by Application (2021-2026)

Table 13. Global Frameless Torque Motor for Humanoid Robots Revenue by Application (2021-2026) & (\$ million)

Table 14. Global Frameless Torque Motor for Humanoid Robots Revenue Market Share by Application (2021-2026)

Table 15. Global Frameless Torque Motor for Humanoid Robots Sale Price by Application (2021-2026) & (US\$/Unit)

Table 16. Global Frameless Torque Motor for Humanoid Robots Sales by Company (2021-2026) & (K Units)

Table 17. Global Frameless Torque Motor for Humanoid Robots Sales Market Share by Company (2021-2026)

Table 18. Global Frameless Torque Motor for Humanoid Robots Revenue by Company (2021-2026) & (\$ millions)

Table 19. Global Frameless Torque Motor for Humanoid Robots Revenue Market Share by Company (2021-2026)

Table 20. Global Frameless Torque Motor for Humanoid Robots Sale Price by Company (2021-2026) & (US\$/Unit)

Table 21. Key Manufacturers Frameless Torque Motor for Humanoid Robots Producing Area Distribution and Sales Area

Table 22. Players Frameless Torque Motor for Humanoid Robots Products Offered

Table 23. Frameless Torque Motor for Humanoid Robots Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 24. New Products and Potential Entrants

Table 25. Market M&A Activity & Strategy

Table 26. Global Frameless Torque Motor for Humanoid Robots Sales by Geographic Region (2021-2026) & (K Units)

Table 27. Global Frameless Torque Motor for Humanoid Robots Sales Market Share Geographic Region (2021-2026)

Table 28. Global Frameless Torque Motor for Humanoid Robots Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 29. Global Frameless Torque Motor for Humanoid Robots Revenue Market Share by Geographic Region (2021-2026)

Table 30. Global Frameless Torque Motor for Humanoid Robots Sales by Country/Region (2021-2026) & (K Units)

Table 31. Global Frameless Torque Motor for Humanoid Robots Sales Market Share by Country/Region (2021-2026)

Table 32. Global Frameless Torque Motor for Humanoid Robots Revenue by Country/Region (2021-2026) & (\$ millions)

Table 33. Global Frameless Torque Motor for Humanoid Robots Revenue Market Share by Country/Region (2021-2026)

Table 34. Americas Frameless Torque Motor for Humanoid Robots Sales by Country (2021-2026) & (K Units)

Table 35. Americas Frameless Torque Motor for Humanoid Robots Sales Market Share by Country (2021-2026)

Table 36. Americas Frameless Torque Motor for Humanoid Robots Revenue by Country (2021-2026) & (\$ millions)

Table 37. Americas Frameless Torque Motor for Humanoid Robots Sales by Type (2021-2026) & (K Units)

Table 38. Americas Frameless Torque Motor for Humanoid Robots Sales by Application (2021-2026) & (K Units)

Table 39. APAC Frameless Torque Motor for Humanoid Robots Sales by Region (2021-2026) & (K Units)

Table 40. APAC Frameless Torque Motor for Humanoid Robots Sales Market Share by Region (2021-2026)

Table 41. APAC Frameless Torque Motor for Humanoid Robots Revenue by Region (2021-2026) & (\$ millions)

Table 42. APAC Frameless Torque Motor for Humanoid Robots Sales by Type (2021-2026) & (K Units)

Table 43. APAC Frameless Torque Motor for Humanoid Robots Sales by Application (2021-2026) & (K Units)

Table 44. Europe Frameless Torque Motor for Humanoid Robots Sales by Country (2021-2026) & (K Units)

Table 45. Europe Frameless Torque Motor for Humanoid Robots Revenue by Country (2021-2026) & (\$ millions)

Table 46. Europe Frameless Torque Motor for Humanoid Robots Sales by Type (2021-2026) & (K Units)

Table 47. Europe Frameless Torque Motor for Humanoid Robots Sales by Application (2021-2026) & (K Units)

Table 48. Middle East & Africa Frameless Torque Motor for Humanoid Robots Sales by Country (2021-2026) & (K Units)

Table 49. Middle East & Africa Frameless Torque Motor for Humanoid Robots Revenue Market Share by Country (2021-2026)

Table 50. Middle East & Africa Frameless Torque Motor for Humanoid Robots Sales by Type (2021-2026) & (K Units)

Table 51. Middle East & Africa Frameless Torque Motor for Humanoid Robots Sales by Application (2021-2026) & (K Units)

Table 52. Key Market Drivers & Growth Opportunities of Frameless Torque Motor for Humanoid Robots

Table 53. Key Market Challenges & Risks of Frameless Torque Motor for Humanoid Robots

Table 54. Key Industry Trends of Frameless Torque Motor for Humanoid Robots

Table 55. Frameless Torque Motor for Humanoid Robots Raw Material

Table 56. Key Suppliers of Raw Materials

Table 57. Frameless Torque Motor for Humanoid Robots Distributors List

Table 58. Frameless Torque Motor for Humanoid Robots Customer List

Table 59. Global Frameless Torque Motor for Humanoid Robots Sales Forecast by Region (2027-2032) & (K Units)

Table 60. Global Frameless Torque Motor for Humanoid Robots Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 61. Americas Frameless Torque Motor for Humanoid Robots Sales Forecast by Country (2027-2032) & (K Units)

Table 62. Americas Frameless Torque Motor for Humanoid Robots Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 63. APAC Frameless Torque Motor for Humanoid Robots Sales Forecast by Region (2027-2032) & (K Units)

Table 64. APAC Frameless Torque Motor for Humanoid Robots Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 65. Europe Frameless Torque Motor for Humanoid Robots Sales Forecast by Country (2027-2032) & (K Units)

Table 66. Europe Frameless Torque Motor for Humanoid Robots Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 67. Middle East & Africa Frameless Torque Motor for Humanoid Robots Sales Forecast by Country (2027-2032) & (K Units)

Table 68. Middle East & Africa Frameless Torque Motor for Humanoid Robots Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 69. Global Frameless Torque Motor for Humanoid Robots Sales Forecast by Type (2027-2032) & (K Units)

Table 70. Global Frameless Torque Motor for Humanoid Robots Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 71. Global Frameless Torque Motor for Humanoid Robots Sales Forecast by Application (2027-2032) & (K Units)

Table 72. Global Frameless Torque Motor for Humanoid Robots Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 73. Nidec Basic Information, Frameless Torque Motor for Humanoid Robots Manufacturing Base, Sales Area and Its Competitors

Table 74. Nidec Frameless Torque Motor for Humanoid Robots Product Portfolios and Specifications

Table 75. Nidec Frameless Torque Motor for Humanoid Robots Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 76. Nidec Main Business

Table 77. Nidec Latest Developments

Table 78. Kollmorgen (Regal Rexnord) Basic Information, Frameless Torque Motor for Humanoid Robots Manufacturing Base, Sales Area and Its Competitors

Table 79. Kollmorgen (Regal Rexnord) Frameless Torque Motor for Humanoid Robots Product Portfolios and Specifications

Table 80. Kollmorgen (Regal Rexnord) Frameless Torque Motor for Humanoid Robots Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 81. Kollmorgen (Regal Rexnord) Main Business

Table 82. Kollmorgen (Regal Rexnord) Latest Developments

Table 83. Parker Hannifin Basic Information, Frameless Torque Motor for Humanoid Robots Manufacturing Base, Sales Area and Its Competitors

Table 84. Parker Hannifin Frameless Torque Motor for Humanoid Robots Product

Portfolios and Specifications

Table 85. Parker Hannifin Frameless Torque Motor for Humanoid Robots Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 86. Parker Hannifin Main Business

Table 87. Parker Hannifin Latest Developments

Table 88. Kinco Basic Information, Frameless Torque Motor for Humanoid Robots Manufacturing Base, Sales Area and Its Competitors

Table 89. Kinco Frameless Torque Motor for Humanoid Robots Product Portfolios and Specifications

Table 90. Kinco Frameless Torque Motor for Humanoid Robots Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 91. Kinco Main Business

Table 92. Kinco Latest Developments

Table 93. Guangzhou Haozhi Industrial Basic Information, Frameless Torque Motor for Humanoid Robots Manufacturing Base, Sales Area and Its Competitors

Table 94. Guangzhou Haozhi Industrial Frameless Torque Motor for Humanoid Robots Product Portfolios and Specifications

Table 95. Guangzhou Haozhi Industrial Frameless Torque Motor for Humanoid Robots Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 96. Guangzhou Haozhi Industrial Main Business

Table 97. Guangzhou Haozhi Industrial Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Frameless Torque Motor for Humanoid Robots
- Figure 2. Frameless Torque Motor for Humanoid Robots Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Frameless Torque Motor for Humanoid Robots Sales Growth Rate 2021-2032 (K Units)
- Figure 7. Global Frameless Torque Motor for Humanoid Robots Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Frameless Torque Motor for Humanoid Robots Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Frameless Torque Motor for Humanoid Robots Sales Market Share by Country/Region (2025)
- Figure 10. Frameless Torque Motor for Humanoid Robots Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Outer Diameter, below 50 mm
- Figure 12. Product Picture of Outer Diameter, 50-100 mm
- Figure 13. Product Picture of Outer Diameter, above 100 mm
- Figure 14. Global Frameless Torque Motor for Humanoid Robots Sales Market Share by Type in 2026
- Figure 15. Global Frameless Torque Motor for Humanoid Robots Revenue Market Share by Type (2021-2026)
- Figure 16. Frameless Torque Motor for Humanoid Robots Consumed in Industrial
- Figure 17. Global Frameless Torque Motor for Humanoid Robots Market: Industrial (2021-2026) & (K Units)
- Figure 18. Frameless Torque Motor for Humanoid Robots Consumed in Service Industry
- Figure 19. Global Frameless Torque Motor for Humanoid Robots Market: Service Industry (2021-2026) & (K Units)
- Figure 20. Frameless Torque Motor for Humanoid Robots Consumed in Entertainment
- Figure 21. Global Frameless Torque Motor for Humanoid Robots Market: Entertainment (2021-2026) & (K Units)
- Figure 22. Frameless Torque Motor for Humanoid Robots Consumed in Medical
- Figure 23. Global Frameless Torque Motor for Humanoid Robots Market: Medical (2021-2026) & (K Units)

Figure 24. Frameless Torque Motor for Humanoid Robots Consumed in Others

Figure 25. Global Frameless Torque Motor for Humanoid Robots Market: Others (2021-2026) & (K Units)

Figure 26. Global Frameless Torque Motor for Humanoid Robots Sale Market Share by Application (2025)

Figure 27. Global Frameless Torque Motor for Humanoid Robots Revenue Market Share by Application in 2026

Figure 28. Frameless Torque Motor for Humanoid Robots Sales by Company in 2026 (K Units)

Figure 29. Global Frameless Torque Motor for Humanoid Robots Sales Market Share by Company in 2026

Figure 30. Frameless Torque Motor for Humanoid Robots Revenue by Company in 2026 (\$ millions)

Figure 31. Global Frameless Torque Motor for Humanoid Robots Revenue Market Share by Company in 2026

Figure 32. Global Frameless Torque Motor for Humanoid Robots Sales Market Share by Geographic Region (2021-2026)

Figure 33. Global Frameless Torque Motor for Humanoid Robots Revenue Market Share by Geographic Region in 2026

Figure 34. Americas Frameless Torque Motor for Humanoid Robots Sales 2021-2026 (K Units)

Figure 35. Americas Frameless Torque Motor for Humanoid Robots Revenue 2021-2026 (\$ millions)

Figure 36. APAC Frameless Torque Motor for Humanoid Robots Sales 2021-2026 (K Units)

Figure 37. APAC Frameless Torque Motor for Humanoid Robots Revenue 2021-2026 (\$ millions)

Figure 38. Europe Frameless Torque Motor for Humanoid Robots Sales 2021-2026 (K Units)

Figure 39. Europe Frameless Torque Motor for Humanoid Robots Revenue 2021-2026 (\$ millions)

Figure 40. Middle East & Africa Frameless Torque Motor for Humanoid Robots Sales 2021-2026 (K Units)

Figure 41. Middle East & Africa Frameless Torque Motor for Humanoid Robots Revenue 2021-2026 (\$ millions)

Figure 42. Americas Frameless Torque Motor for Humanoid Robots Sales Market Share by Country in 2026

Figure 43. Americas Frameless Torque Motor for Humanoid Robots Revenue Market Share by Country (2021-2026)

Figure 44. Americas Frameless Torque Motor for Humanoid Robots Sales Market Share by Type (2021-2026)

Figure 45. Americas Frameless Torque Motor for Humanoid Robots Sales Market Share by Application (2021-2026)

Figure 46. United States Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 47. Canada Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 48. Mexico Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 49. Brazil Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 50. APAC Frameless Torque Motor for Humanoid Robots Sales Market Share by Region in 2026

Figure 51. APAC Frameless Torque Motor for Humanoid Robots Revenue Market Share by Region (2021-2026)

Figure 52. APAC Frameless Torque Motor for Humanoid Robots Sales Market Share by Type (2021-2026)

Figure 53. APAC Frameless Torque Motor for Humanoid Robots Sales Market Share by Application (2021-2026)

Figure 54. China Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 55. Japan Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 56. South Korea Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 57. Southeast Asia Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 58. India Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 59. Australia Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 60. China Taiwan Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 61. Europe Frameless Torque Motor for Humanoid Robots Sales Market Share by Country in 2026

Figure 62. Europe Frameless Torque Motor for Humanoid Robots Revenue Market Share by Country (2021-2026)

Figure 63. Europe Frameless Torque Motor for Humanoid Robots Sales Market Share

by Type (2021-2026)

Figure 64. Europe Frameless Torque Motor for Humanoid Robots Sales Market Share by Application (2021-2026)

Figure 65. Germany Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 66. France Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 67. UK Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 68. Italy Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 69. Russia Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 70. Middle East & Africa Frameless Torque Motor for Humanoid Robots Sales Market Share by Country (2021-2026)

Figure 71. Middle East & Africa Frameless Torque Motor for Humanoid Robots Sales Market Share by Type (2021-2026)

Figure 72. Middle East & Africa Frameless Torque Motor for Humanoid Robots Sales Market Share by Application (2021-2026)

Figure 73. Egypt Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 74. South Africa Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 75. Israel Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 76. Turkey Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 77. GCC Countries Frameless Torque Motor for Humanoid Robots Revenue Growth 2021-2026 (\$ millions)

Figure 78. Manufacturing Cost Structure Analysis of Frameless Torque Motor for Humanoid Robots in 2026

Figure 79. Manufacturing Process Analysis of Frameless Torque Motor for Humanoid Robots

Figure 80. Industry Chain Structure of Frameless Torque Motor for Humanoid Robots

Figure 81. Channels of Distribution

Figure 82. Global Frameless Torque Motor for Humanoid Robots Sales Market Forecast by Region (2027-2032)

Figure 83. Global Frameless Torque Motor for Humanoid Robots Revenue Market Share Forecast by Region (2027-2032)

Figure 84. Global Frameless Torque Motor for Humanoid Robots Sales Market Share Forecast by Type (2027-2032)

Figure 85. Global Frameless Torque Motor for Humanoid Robots Revenue Market Share Forecast by Type (2027-2032)

Figure 86. Global Frameless Torque Motor for Humanoid Robots Sales Market Share Forecast by Application (2027-2032)

Figure 87. Global Frameless Torque Motor for Humanoid Robots Revenue Market Share Forecast by Application (2027-2032)

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