

Global Rotary Encoder(Grating) Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G0A368CBA404EN.html>

Date: January 2026

Pages: 89

Price: US\$ 3,480.00 (Single User License)

ID: G0A368CBA404EN

Abstracts

According to our (Global Info Research) latest study, the global Rotary Encoder(Grating) market size was valued at US\$ 45.15 million in 2025 and is forecast to a readjusted size of US\$ 65.95 million by 2032 with a CAGR of 5.6% during review period.

In 2025, global production of rotary encoder(grating) reached 23,440 units, with an average selling price of US\$1,872 per unit. A circular grating refers to a grating with equally spaced etched lines/tracks on a disk or ring substrate. It is read by a reading head using optical/sensing methods, converting the rotational angular position and speed into electrical signals that can be used for servo control and measurement. Applications include CNC machine tools and rotary tables, robot joints and servo motor feedback, semiconductor manufacturing and testing equipment, precision measuring machines/CMMs, and ultra-precision machining equipment. The upstream of the industry chain includes substrates (glass/low-expansion materials/stainless steel strip), consumables for photolithography/etching or laser direct writing processes (photoresist, developing/etching chemicals), precision coating and surface treatment, and high-precision testing and calibration equipment (roundness, scribing error, thermal stability); the midstream involves circular grating manufacturing and calibration; the downstream enters angle encoder/rotary encoder manufacturers and motion control system integrators, ultimately selling to OEMs of machine tools, robots, semiconductor equipment, measuring machines, etc. Gross profit margin is approximately 35%–50%.

This report is a detailed and comprehensive analysis for global Rotary Encoder(Grating) market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this

report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Rotary Encoder(Grating) market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Rotary Encoder(Grating) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Rotary Encoder(Grating) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Rotary Encoder(Grating) market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Rotary Encoder(Grating)

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Rotary Encoder(Grating) market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Renishaw, Zeiss, RLS, Precilec, LAMOTION, Agico Technology (Shenzhen), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Rotary Encoder(Grating) market is split by Type and by Application. For the period

2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Incremental

Absolute

Market segment by Geometry

Disc

Ring

Market segment by Application

CNC Machine Tool

Robot

Semiconductor Equipments

Others

Major players covered

Renishaw

Zeiss

RLS

Precilec

LAMOTION

Agico Technology (Shenzhen)

Market segment by region, regional analysis covers
North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Rotary Encoder(Grating) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Rotary Encoder(Grating), with price, sales quantity, revenue, and global market share of Rotary Encoder(Grating) from 2021 to 2026.

Chapter 3, the Rotary Encoder(Grating) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Rotary Encoder(Grating) breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026.and Rotary Encoder(Grating) market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces

analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Rotary Encoder(Grating).

Chapter 14 and 15, to describe Rotary Encoder(Grating) sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Rotary Encoder(Grating) Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Incremental

1.3.3 Absolute

1.4 Market Analysis by Geometry

1.4.1 Overview: Global Rotary Encoder(Grating) Consumption Value by Geometry: 2021 Versus 2025 Versus 2032

1.4.2 Disc

1.4.3 Ring

1.5 Market Analysis by Application

1.5.1 Overview: Global Rotary Encoder(Grating) Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.5.2 CNC Machine Tool

1.5.3 Robot

1.5.4 Semiconductor Equipments

1.5.5 Others

1.6 Global Rotary Encoder(Grating) Market Size & Forecast

1.6.1 Global Rotary Encoder(Grating) Consumption Value (2021 & 2025 & 2032)

1.6.2 Global Rotary Encoder(Grating) Sales Quantity (2021-2032)

1.6.3 Global Rotary Encoder(Grating) Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Renishaw

2.1.1 Renishaw Details

2.1.2 Renishaw Major Business

2.1.3 Renishaw Rotary Encoder(Grating) Product and Services

2.1.4 Renishaw Rotary Encoder(Grating) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Renishaw Recent Developments/Updates

2.2 Zeiss

2.2.1 Zeiss Details

- 2.2.2 Zeiss Major Business
- 2.2.3 Zeiss Rotary Encoder(Grating) Product and Services
- 2.2.4 Zeiss Rotary Encoder(Grating) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.2.5 Zeiss Recent Developments/Updates
- 2.3 RLS
 - 2.3.1 RLS Details
 - 2.3.2 RLS Major Business
 - 2.3.3 RLS Rotary Encoder(Grating) Product and Services
 - 2.3.4 RLS Rotary Encoder(Grating) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.3.5 RLS Recent Developments/Updates
- 2.4 Precilec
 - 2.4.1 Precilec Details
 - 2.4.2 Precilec Major Business
 - 2.4.3 Precilec Rotary Encoder(Grating) Product and Services
 - 2.4.4 Precilec Rotary Encoder(Grating) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.4.5 Precilec Recent Developments/Updates
- 2.5 LAMOTION
 - 2.5.1 LAMOTION Details
 - 2.5.2 LAMOTION Major Business
 - 2.5.3 LAMOTION Rotary Encoder(Grating) Product and Services
 - 2.5.4 LAMOTION Rotary Encoder(Grating) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.5.5 LAMOTION Recent Developments/Updates
- 2.6 Agico Technology (Shenzhen)
 - 2.6.1 Agico Technology (Shenzhen) Details
 - 2.6.2 Agico Technology (Shenzhen) Major Business
 - 2.6.3 Agico Technology (Shenzhen) Rotary Encoder(Grating) Product and Services
 - 2.6.4 Agico Technology (Shenzhen) Rotary Encoder(Grating) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.6.5 Agico Technology (Shenzhen) Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: ROTARY ENCODER(GRATING) BY MANUFACTURER

- 3.1 Global Rotary Encoder(Grating) Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global Rotary Encoder(Grating) Revenue by Manufacturer (2021-2026)

- 3.3 Global Rotary Encoder(Grating) Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
 - 3.4.1 Producer Shipments of Rotary Encoder(Grating) by Manufacturer Revenue (\$MM) and Market Share (%): 2025
 - 3.4.2 Top 3 Rotary Encoder(Grating) Manufacturer Market Share in 2025
 - 3.4.3 Top 6 Rotary Encoder(Grating) Manufacturer Market Share in 2025
- 3.5 Rotary Encoder(Grating) Market: Overall Company Footprint Analysis
 - 3.5.1 Rotary Encoder(Grating) Market: Region Footprint
 - 3.5.2 Rotary Encoder(Grating) Market: Company Product Type Footprint
 - 3.5.3 Rotary Encoder(Grating) Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Rotary Encoder(Grating) Market Size by Region
 - 4.1.1 Global Rotary Encoder(Grating) Sales Quantity by Region (2021-2032)
 - 4.1.2 Global Rotary Encoder(Grating) Consumption Value by Region (2021-2032)
 - 4.1.3 Global Rotary Encoder(Grating) Average Price by Region (2021-2032)
- 4.2 North America Rotary Encoder(Grating) Consumption Value (2021-2032)
- 4.3 Europe Rotary Encoder(Grating) Consumption Value (2021-2032)
- 4.4 Asia-Pacific Rotary Encoder(Grating) Consumption Value (2021-2032)
- 4.5 South America Rotary Encoder(Grating) Consumption Value (2021-2032)
- 4.6 Middle East & Africa Rotary Encoder(Grating) Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Rotary Encoder(Grating) Sales Quantity by Type (2021-2032)
- 5.2 Global Rotary Encoder(Grating) Consumption Value by Type (2021-2032)
- 5.3 Global Rotary Encoder(Grating) Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Rotary Encoder(Grating) Sales Quantity by Application (2021-2032)
- 6.2 Global Rotary Encoder(Grating) Consumption Value by Application (2021-2032)
- 6.3 Global Rotary Encoder(Grating) Average Price by Application (2021-2032)

7 NORTH AMERICA

- 7.1 North America Rotary Encoder(Grating) Sales Quantity by Type (2021-2032)
- 7.2 North America Rotary Encoder(Grating) Sales Quantity by Application (2021-2032)
- 7.3 North America Rotary Encoder(Grating) Market Size by Country
 - 7.3.1 North America Rotary Encoder(Grating) Sales Quantity by Country (2021-2032)
 - 7.3.2 North America Rotary Encoder(Grating) Consumption Value by Country (2021-2032)
 - 7.3.3 United States Market Size and Forecast (2021-2032)
 - 7.3.4 Canada Market Size and Forecast (2021-2032)
 - 7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

- 8.1 Europe Rotary Encoder(Grating) Sales Quantity by Type (2021-2032)
- 8.2 Europe Rotary Encoder(Grating) Sales Quantity by Application (2021-2032)
- 8.3 Europe Rotary Encoder(Grating) Market Size by Country
 - 8.3.1 Europe Rotary Encoder(Grating) Sales Quantity by Country (2021-2032)
 - 8.3.2 Europe Rotary Encoder(Grating) Consumption Value by Country (2021-2032)
 - 8.3.3 Germany Market Size and Forecast (2021-2032)
 - 8.3.4 France Market Size and Forecast (2021-2032)
 - 8.3.5 United Kingdom Market Size and Forecast (2021-2032)
 - 8.3.6 Russia Market Size and Forecast (2021-2032)
 - 8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Rotary Encoder(Grating) Sales Quantity by Type (2021-2032)
- 9.2 Asia-Pacific Rotary Encoder(Grating) Sales Quantity by Application (2021-2032)
- 9.3 Asia-Pacific Rotary Encoder(Grating) Market Size by Region
 - 9.3.1 Asia-Pacific Rotary Encoder(Grating) Sales Quantity by Region (2021-2032)
 - 9.3.2 Asia-Pacific Rotary Encoder(Grating) Consumption Value by Region (2021-2032)
 - 9.3.3 China Market Size and Forecast (2021-2032)
 - 9.3.4 Japan Market Size and Forecast (2021-2032)
 - 9.3.5 South Korea Market Size and Forecast (2021-2032)
 - 9.3.6 India Market Size and Forecast (2021-2032)
 - 9.3.7 Southeast Asia Market Size and Forecast (2021-2032)
 - 9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

- 10.1 South America Rotary Encoder(Grating) Sales Quantity by Type (2021-2032)
- 10.2 South America Rotary Encoder(Grating) Sales Quantity by Application (2021-2032)
- 10.3 South America Rotary Encoder(Grating) Market Size by Country
 - 10.3.1 South America Rotary Encoder(Grating) Sales Quantity by Country (2021-2032)
 - 10.3.2 South America Rotary Encoder(Grating) Consumption Value by Country (2021-2032)
 - 10.3.3 Brazil Market Size and Forecast (2021-2032)
 - 10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Rotary Encoder(Grating) Sales Quantity by Type (2021-2032)
- 11.2 Middle East & Africa Rotary Encoder(Grating) Sales Quantity by Application (2021-2032)
- 11.3 Middle East & Africa Rotary Encoder(Grating) Market Size by Country
 - 11.3.1 Middle East & Africa Rotary Encoder(Grating) Sales Quantity by Country (2021-2032)
 - 11.3.2 Middle East & Africa Rotary Encoder(Grating) Consumption Value by Country (2021-2032)
 - 11.3.3 Turkey Market Size and Forecast (2021-2032)
 - 11.3.4 Egypt Market Size and Forecast (2021-2032)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)
 - 11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

- 12.1 Rotary Encoder(Grating) Market Drivers
- 12.2 Rotary Encoder(Grating) Market Restraints
- 12.3 Rotary Encoder(Grating) Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Rotary Encoder(Grating) and Key Manufacturers

13.2 Manufacturing Costs Percentage of Rotary Encoder(Grating)

13.3 Rotary Encoder(Grating) Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Rotary Encoder(Grating) Typical Distributors

14.3 Rotary Encoder(Grating) Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Rotary Encoder(Grating) Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Rotary Encoder(Grating) Consumption Value by Geometry, (USD Million), 2021 & 2025 & 2032

Table 3. Global Rotary Encoder(Grating) Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 4. Renishaw Basic Information, Manufacturing Base and Competitors

Table 5. Renishaw Major Business

Table 6. Renishaw Rotary Encoder(Grating) Product and Services

Table 7. Renishaw Rotary Encoder(Grating) Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 8. Renishaw Recent Developments/Updates

Table 9. Zeiss Basic Information, Manufacturing Base and Competitors

Table 10. Zeiss Major Business

Table 11. Zeiss Rotary Encoder(Grating) Product and Services

Table 12. Zeiss Rotary Encoder(Grating) Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 13. Zeiss Recent Developments/Updates

Table 14. RLS Basic Information, Manufacturing Base and Competitors

Table 15. RLS Major Business

Table 16. RLS Rotary Encoder(Grating) Product and Services

Table 17. RLS Rotary Encoder(Grating) Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 18. RLS Recent Developments/Updates

Table 19. Precilec Basic Information, Manufacturing Base and Competitors

Table 20. Precilec Major Business

Table 21. Precilec Rotary Encoder(Grating) Product and Services

Table 22. Precilec Rotary Encoder(Grating) Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 23. Precilec Recent Developments/Updates

Table 24. LAMOTION Basic Information, Manufacturing Base and Competitors

Table 25. LAMOTION Major Business

Table 26. LAMOTION Rotary Encoder(Grating) Product and Services

Table 27. LAMOTION Rotary Encoder(Grating) Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

- Table 28. LAMOTION Recent Developments/Updates
- Table 29. Agico Technology (Shenzhen) Basic Information, Manufacturing Base and Competitors
- Table 30. Agico Technology (Shenzhen) Major Business
- Table 31. Agico Technology (Shenzhen) Rotary Encoder(Grating) Product and Services
- Table 32. Agico Technology (Shenzhen) Rotary Encoder(Grating) Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 33. Agico Technology (Shenzhen) Recent Developments/Updates
- Table 34. Global Rotary Encoder(Grating) Sales Quantity by Manufacturer (2021-2026) & (Units)
- Table 35. Global Rotary Encoder(Grating) Revenue by Manufacturer (2021-2026) & (USD Million)
- Table 36. Global Rotary Encoder(Grating) Average Price by Manufacturer (2021-2026) & (US\$/Unit)
- Table 37. Market Position of Manufacturers in Rotary Encoder(Grating), (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
- Table 38. Head Office and Rotary Encoder(Grating) Production Site of Key Manufacturer
- Table 39. Rotary Encoder(Grating) Market: Company Product Type Footprint
- Table 40. Rotary Encoder(Grating) Market: Company Product Application Footprint
- Table 41. Rotary Encoder(Grating) New Market Entrants and Barriers to Market Entry
- Table 42. Rotary Encoder(Grating) Mergers, Acquisition, Agreements, and Collaborations
- Table 43. Global Rotary Encoder(Grating) Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR
- Table 44. Global Rotary Encoder(Grating) Sales Quantity by Region (2021-2026) & (Units)
- Table 45. Global Rotary Encoder(Grating) Sales Quantity by Region (2027-2032) & (Units)
- Table 46. Global Rotary Encoder(Grating) Consumption Value by Region (2021-2026) & (USD Million)
- Table 47. Global Rotary Encoder(Grating) Consumption Value by Region (2027-2032) & (USD Million)
- Table 48. Global Rotary Encoder(Grating) Average Price by Region (2021-2026) & (US\$/Unit)
- Table 49. Global Rotary Encoder(Grating) Average Price by Region (2027-2032) & (US\$/Unit)
- Table 50. Global Rotary Encoder(Grating) Sales Quantity by Type (2021-2026) &

(Units)

Table 51. Global Rotary Encoder(Grating) Sales Quantity by Type (2027-2032) &

(Units)

Table 52. Global Rotary Encoder(Grating) Consumption Value by Type (2021-2026) &

(USD Million)

Table 53. Global Rotary Encoder(Grating) Consumption Value by Type (2027-2032) &

(USD Million)

Table 54. Global Rotary Encoder(Grating) Average Price by Type (2021-2026) &

(US\$/Unit)

Table 55. Global Rotary Encoder(Grating) Average Price by Type (2027-2032) &

(US\$/Unit)

Table 56. Global Rotary Encoder(Grating) Sales Quantity by Application (2021-2026) &

(Units)

Table 57. Global Rotary Encoder(Grating) Sales Quantity by Application (2027-2032) &

(Units)

Table 58. Global Rotary Encoder(Grating) Consumption Value by Application

(2021-2026) & (USD Million)

Table 59. Global Rotary Encoder(Grating) Consumption Value by Application

(2027-2032) & (USD Million)

Table 60. Global Rotary Encoder(Grating) Average Price by Application (2021-2026) &

(US\$/Unit)

Table 61. Global Rotary Encoder(Grating) Average Price by Application (2027-2032) &

(US\$/Unit)

Table 62. North America Rotary Encoder(Grating) Sales Quantity by Type (2021-2026)

& (Units)

Table 63. North America Rotary Encoder(Grating) Sales Quantity by Type (2027-2032)

& (Units)

Table 64. North America Rotary Encoder(Grating) Sales Quantity by Application

(2021-2026) & (Units)

Table 65. North America Rotary Encoder(Grating) Sales Quantity by Application

(2027-2032) & (Units)

Table 66. North America Rotary Encoder(Grating) Sales Quantity by Country

(2021-2026) & (Units)

Table 67. North America Rotary Encoder(Grating) Sales Quantity by Country

(2027-2032) & (Units)

Table 68. North America Rotary Encoder(Grating) Consumption Value by Country

(2021-2026) & (USD Million)

Table 69. North America Rotary Encoder(Grating) Consumption Value by Country

(2027-2032) & (USD Million)

Table 70. Europe Rotary Encoder(Grating) Sales Quantity by Type (2021-2026) & (Units)

Table 71. Europe Rotary Encoder(Grating) Sales Quantity by Type (2027-2032) & (Units)

Table 72. Europe Rotary Encoder(Grating) Sales Quantity by Application (2021-2026) & (Units)

Table 73. Europe Rotary Encoder(Grating) Sales Quantity by Application (2027-2032) & (Units)

Table 74. Europe Rotary Encoder(Grating) Sales Quantity by Country (2021-2026) & (Units)

Table 75. Europe Rotary Encoder(Grating) Sales Quantity by Country (2027-2032) & (Units)

Table 76. Europe Rotary Encoder(Grating) Consumption Value by Country (2021-2026) & (USD Million)

Table 77. Europe Rotary Encoder(Grating) Consumption Value by Country (2027-2032) & (USD Million)

Table 78. Asia-Pacific Rotary Encoder(Grating) Sales Quantity by Type (2021-2026) & (Units)

Table 79. Asia-Pacific Rotary Encoder(Grating) Sales Quantity by Type (2027-2032) & (Units)

Table 80. Asia-Pacific Rotary Encoder(Grating) Sales Quantity by Application (2021-2026) & (Units)

Table 81. Asia-Pacific Rotary Encoder(Grating) Sales Quantity by Application (2027-2032) & (Units)

Table 82. Asia-Pacific Rotary Encoder(Grating) Sales Quantity by Region (2021-2026) & (Units)

Table 83. Asia-Pacific Rotary Encoder(Grating) Sales Quantity by Region (2027-2032) & (Units)

Table 84. Asia-Pacific Rotary Encoder(Grating) Consumption Value by Region (2021-2026) & (USD Million)

Table 85. Asia-Pacific Rotary Encoder(Grating) Consumption Value by Region (2027-2032) & (USD Million)

Table 86. South America Rotary Encoder(Grating) Sales Quantity by Type (2021-2026) & (Units)

Table 87. South America Rotary Encoder(Grating) Sales Quantity by Type (2027-2032) & (Units)

Table 88. South America Rotary Encoder(Grating) Sales Quantity by Application (2021-2026) & (Units)

Table 89. South America Rotary Encoder(Grating) Sales Quantity by Application

(2027-2032) & (Units)

Table 90. South America Rotary Encoder(Grating) Sales Quantity by Country

(2021-2026) & (Units)

Table 91. South America Rotary Encoder(Grating) Sales Quantity by Country

(2027-2032) & (Units)

Table 92. South America Rotary Encoder(Grating) Consumption Value by Country

(2021-2026) & (USD Million)

Table 93. South America Rotary Encoder(Grating) Consumption Value by Country

(2027-2032) & (USD Million)

Table 94. Middle East & Africa Rotary Encoder(Grating) Sales Quantity by Type

(2021-2026) & (Units)

Table 95. Middle East & Africa Rotary Encoder(Grating) Sales Quantity by Type

(2027-2032) & (Units)

Table 96. Middle East & Africa Rotary Encoder(Grating) Sales Quantity by Application

(2021-2026) & (Units)

Table 97. Middle East & Africa Rotary Encoder(Grating) Sales Quantity by Application

(2027-2032) & (Units)

Table 98. Middle East & Africa Rotary Encoder(Grating) Sales Quantity by Country

(2021-2026) & (Units)

Table 99. Middle East & Africa Rotary Encoder(Grating) Sales Quantity by Country

(2027-2032) & (Units)

Table 100. Middle East & Africa Rotary Encoder(Grating) Consumption Value by

Country (2021-2026) & (USD Million)

Table 101. Middle East & Africa Rotary Encoder(Grating) Consumption Value by

Country (2027-2032) & (USD Million)

Table 102. Rotary Encoder(Grating) Raw Material

Table 103. Key Manufacturers of Rotary Encoder(Grating) Raw Materials

Table 104. Rotary Encoder(Grating) Typical Distributors

Table 105. Rotary Encoder(Grating) Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Rotary Encoder(Grating) Picture
- Figure 2. Global Rotary Encoder(Grating) Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Rotary Encoder(Grating) Revenue Market Share by Type in 2025
- Figure 4. Incremental Examples
- Figure 5. Absolute Examples
- Figure 6. Global Rotary Encoder(Grating) Revenue by Geometry, (USD Million), 2021 & 2025 & 2032
- Figure 7. Global Rotary Encoder(Grating) Revenue Market Share by Geometry in 2025
- Figure 8. Disc Examples
- Figure 9. Ring Examples
- Figure 10. Global Rotary Encoder(Grating) Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 11. Global Rotary Encoder(Grating) Revenue Market Share by Application in 2025
- Figure 12. CNC Machine Tool Examples
- Figure 13. Robot Examples
- Figure 14. Semiconductor Equipments Examples
- Figure 15. Others Examples
- Figure 16. Global Rotary Encoder(Grating) Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 17. Global Rotary Encoder(Grating) Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 18. Global Rotary Encoder(Grating) Sales Quantity (2021-2032) & (Units)
- Figure 19. Global Rotary Encoder(Grating) Price (2021-2032) & (US\$/Unit)
- Figure 20. Global Rotary Encoder(Grating) Sales Quantity Market Share by Manufacturer in 2025
- Figure 21. Global Rotary Encoder(Grating) Revenue Market Share by Manufacturer in 2025
- Figure 22. Producer Shipments of Rotary Encoder(Grating) by Manufacturer Sales (\$MM) and Market Share (%): 2025
- Figure 23. Top 3 Rotary Encoder(Grating) Manufacturer (Revenue) Market Share in 2025
- Figure 24. Top 6 Rotary Encoder(Grating) Manufacturer (Revenue) Market Share in 2025

Figure 25. Global Rotary Encoder(Grating) Sales Quantity Market Share by Region (2021-2032)

Figure 26. Global Rotary Encoder(Grating) Consumption Value Market Share by Region (2021-2032)

Figure 27. North America Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 28. Europe Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 29. Asia-Pacific Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 30. South America Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 31. Middle East & Africa Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 32. Global Rotary Encoder(Grating) Sales Quantity Market Share by Type (2021-2032)

Figure 33. Global Rotary Encoder(Grating) Consumption Value Market Share by Type (2021-2032)

Figure 34. Global Rotary Encoder(Grating) Average Price by Type (2021-2032) & (US\$/Unit)

Figure 35. Global Rotary Encoder(Grating) Sales Quantity Market Share by Application (2021-2032)

Figure 36. Global Rotary Encoder(Grating) Revenue Market Share by Application (2021-2032)

Figure 37. Global Rotary Encoder(Grating) Average Price by Application (2021-2032) & (US\$/Unit)

Figure 38. North America Rotary Encoder(Grating) Sales Quantity Market Share by Type (2021-2032)

Figure 39. North America Rotary Encoder(Grating) Sales Quantity Market Share by Application (2021-2032)

Figure 40. North America Rotary Encoder(Grating) Sales Quantity Market Share by Country (2021-2032)

Figure 41. North America Rotary Encoder(Grating) Consumption Value Market Share by Country (2021-2032)

Figure 42. United States Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 43. Canada Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 44. Mexico Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD

Million)

Figure 45. Europe Rotary Encoder(Grating) Sales Quantity Market Share by Type (2021-2032)

Figure 46. Europe Rotary Encoder(Grating) Sales Quantity Market Share by Application (2021-2032)

Figure 47. Europe Rotary Encoder(Grating) Sales Quantity Market Share by Country (2021-2032)

Figure 48. Europe Rotary Encoder(Grating) Consumption Value Market Share by Country (2021-2032)

Figure 49. Germany Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 50. France Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 51. United Kingdom Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 52. Russia Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 53. Italy Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 54. Asia-Pacific Rotary Encoder(Grating) Sales Quantity Market Share by Type (2021-2032)

Figure 55. Asia-Pacific Rotary Encoder(Grating) Sales Quantity Market Share by Application (2021-2032)

Figure 56. Asia-Pacific Rotary Encoder(Grating) Sales Quantity Market Share by Region (2021-2032)

Figure 57. Asia-Pacific Rotary Encoder(Grating) Consumption Value Market Share by Region (2021-2032)

Figure 58. China Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 59. Japan Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 60. South Korea Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 61. India Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 62. Southeast Asia Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 63. Australia Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 64. South America Rotary Encoder(Grating) Sales Quantity Market Share by Type (2021-2032)

Figure 65. South America Rotary Encoder(Grating) Sales Quantity Market Share by Application (2021-2032)

Figure 66. South America Rotary Encoder(Grating) Sales Quantity Market Share by Country (2021-2032)

Figure 67. South America Rotary Encoder(Grating) Consumption Value Market Share by Country (2021-2032)

Figure 68. Brazil Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 69. Argentina Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 70. Middle East & Africa Rotary Encoder(Grating) Sales Quantity Market Share by Type (2021-2032)

Figure 71. Middle East & Africa Rotary Encoder(Grating) Sales Quantity Market Share by Application (2021-2032)

Figure 72. Middle East & Africa Rotary Encoder(Grating) Sales Quantity Market Share by Country (2021-2032)

Figure 73. Middle East & Africa Rotary Encoder(Grating) Consumption Value Market Share by Country (2021-2032)

Figure 74. Turkey Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 75. Egypt Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 76. Saudi Arabia Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 77. South Africa Rotary Encoder(Grating) Consumption Value (2021-2032) & (USD Million)

Figure 78. Rotary Encoder(Grating) Market Drivers

Figure 79. Rotary Encoder(Grating) Market Restraints

Figure 80. Rotary Encoder(Grating) Market Trends

Figure 81. Porters Five Forces Analysis

Figure 82. Manufacturing Cost Structure Analysis of Rotary Encoder(Grating) in 2025

Figure 83. Manufacturing Process Analysis of Rotary Encoder(Grating)

Figure 84. Rotary Encoder(Grating) Industrial Chain

Figure 85. Sales Channel: Direct to End-User vs Distributors

Figure 86. Direct Channel Pros & Cons

Figure 87. Indirect Channel Pros & Cons

Figure 88. Methodology

Figure 89. Research Process and Data Source

I would like to order

Product name: Global Rotary Encoder(Grating) Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G0A368CBA404EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G0A368CBA404EN.html>