

# Global Hollow Frameless Motors for Robots Market Growth 2024-2030

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## Abstracts

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Hollow Frameless Motors, also called frameless motors or frameless brushless motors, are electric motors that have no external housing or frame. Instead, it consists of a rotor and stator with no surrounding structure. This design allows for a more compact and lightweight motor compared to conventional framed motors. Hollow frameless motors are highly customizable and can be directly integrated into a variety of systems, offering advantages such as reduced weight, increased efficiency, and greater design and application flexibility. They are commonly used in robotics, aerospace, medical equipment, industrial automation, and other applications where space, weight, and precision are critical factors.

The global Hollow Frameless Motors for Robots market size is projected to grow from US\$ 762 million in 2024 to US\$ 1523 million in 2030; it is expected to grow at a CAGR of 12.2% from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the “Hollow Frameless Motors for Robots Industry Forecast” looks at past sales and reviews total world Hollow Frameless Motors for Robots sales in 2023, providing a comprehensive analysis by region and market sector of projected Hollow Frameless Motors for Robots sales for 2024 through 2030. With Hollow Frameless Motors for Robots sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Hollow Frameless Motors for Robots industry.

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

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

United States market for Hollow Frameless Motors for Robots is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Hollow Frameless Motors for Robots is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Hollow Frameless Motors for Robots is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Hollow Frameless Motors for Robots players cover Mabuchi Motor, ShinMaywa Industries, Nidec, Aerotech, Maxon Group, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Hollow Frameless Motors for 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 Automation

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.

Mabuchi Motor

ShinMaywa Industries

Nidec

Aerotech

Maxon Group

Kollmorgen (Regal Rexnord)

Wittenstein

TQ-Group

Tecnotion

Parker Hannifin

Lin Engineering (MOONS)

Hangzhou 3Phis Technology

Celera Motion (Novanta)

Delta Line

Rozum Robotics

Allied Motion Technologies

Kinavo Servo Motor (Changzhou)

Shanghai Darui Micromotor

Rostek (Changzhou) Electromechanical

Suzhou Yan Machine Technology

Guangzhou Haozhi Industrial

Kinco

Leadshine Technology

MyActuator (Suzhou Micro Actuator Technology)

## Key Questions Addressed in this Report

What is the 10-year outlook for the global Hollow Frameless Motors for Robots market?

What factors are driving Hollow Frameless Motors for Robots market growth, globally and by region?

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

How do Hollow Frameless Motors for Robots market opportunities vary by end market size?

How does Hollow Frameless Motors for Robots break out by Type, by Application?

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