

Global Vibration Motors Market: Analysis By Product (Eccentric Rotating Mass, Brushed Coin, Brushless Coin, PCB Mounted, Linear Resonant Actuators, and Encapsulated), By Motor (DC Motor, and AC Motor), By Voltage (Less than 1.5 V, 1.5 - 2 V, and More than 2 V), By Application (Consumer Electronics, Industrial Handheld Tools, Medical Applications, and Other Applications), By Region Size and Trends with Impact of COVID-19 and Forecast up to 2030

February 2025



Global Vibration Motors Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

Global Market Analysis

Regional Market Analysis

Impact Of COVID 19

Dynamics

Competitive Landscape

Company Profiling

Global Vibration Motors Market: Coverage

Scope of the Report

Attributes	Details
Title	Global Vibration Motors Market: Analysis By Product (Eccentric Rotating Mass, Brused Coin, Brushless Coin, PCB Mounted, Linear Resonant Actuators, and Encapsulated), By Motor (DC Motor, and AC Motor), By Voltage (Less than 1.5 V, 1.5 - 2 V, and More than 2 V), By Application (Consumer Electronics, Industrial Handheld Tools, Medical Applications, and Other Applications), By Region Size and Trends with Impact of COVID-19 and Forecast up to 2030
Coverage	Global and Regional
Regional Coverage	North America (The US, Canada, and Mexico), Europe (Germany, UK, France, Spain, Italy, and rest of Europe), Asia Pacific (China, Japan, South Korea, India, and rest of Asia Pacific), and rest of the world.
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2025-2030
Competition in the Market	Fragmented
Key Players	Nidec Corporation; Vybronic; Wolong Electric Group; INVICTA VIBRATORS; BEGE Power Transmission; Dongguan INEED Technology Co., Ltd.; EXEN Corp.; Zhejiang Guangling Vibrating Technology Co.,Ltd; Risun Expanse Corp.; FRIEDRICH Schwingtechnik GmbH; Shanbo EM; Henan Pingyuan Mining Machinery Co., Ltd.

Global Vibration Motors Market: Coverage

Executive Summary

A vibratory motor, also known as an eccentric rotating mass (ERM) or vibrating motor, is a three-phase motor that produces vibration when activated. The global vibration motors market is associated with design, production, distribution, and application of vibration motors across various end-use industries. The global vibration motor market value stood at US\$5.01 billion in 2024, and is expected to reach US\$10.81 billion by 2030. The market is expected to grow at a CAGR of 13.70% over the projected period of 2025-2030.

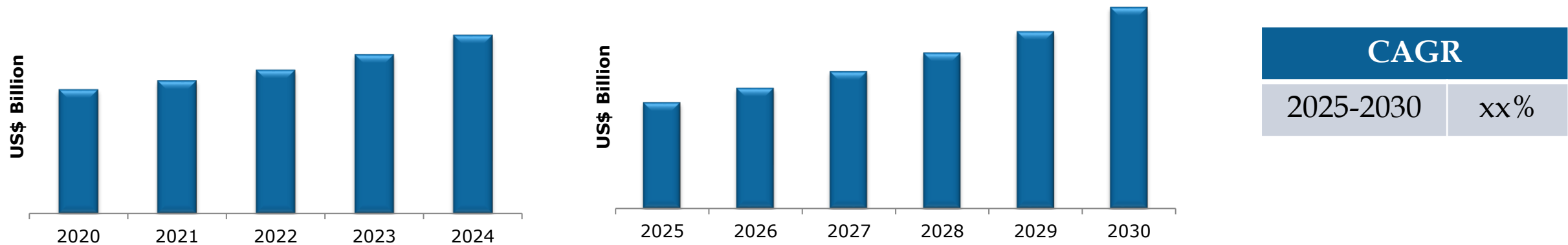
The global vibration motors market is segmented on the basis of product (eccentric rotating mass, brushed coin, brushless coin, PCB mounted, linear resonant actuators, and encapsulated), motor (DC motor, and AC motor), voltage (less than 1.5 V, 1.5 - 2 V, and more than 2 V), and application (consumer electronics, industrial handheld tools, medical applications, and other applications). Eccentric rotating mass is the largest segment of global vibration motors market owing to rising automotive sector demand for tactile feedback systems, positive growth of e-commerce and digital payments, high demand in medical & healthcare devices, rapid growth of budget smartphones and feature phones, and increasing popularity of these motors in price-sensitive markets, especially in Asia-Pacific and Latin America, where affordability and mass production are crucial for consumer electronics. On the basis of region, Asia Pacific is the largest and fastest growing region of global vibration motors market in 2024.

The growth of global vibration motors market was negatively impacted during the period 2019-2020, as lockdown policies imposed by the government to prevent the spread of the virus forced vibration motor manufacturing companies, and end user industries to either shut down or run low on production capacity, resulting in lower production and demand of vibration motors during the period, 2019-2020.

The global vibration motor market has increased from 2020-2024 and the projections are made that the market will continue to rise in the next five years i.e. 2025-2030. The demand for vibration motor has been rising significantly in recent years, owing to increasing demand for haptic feedback in consumer electronics, robust growth in automotive sector, growing popularity of wearable devices, rapidly expanding medical device applications, growing adoption of vibration motors in industrial automation, etc. Further, the market is expected to grow at a rapid pace, driven by increasing integration in smart home devices, growing demand in VR and gaming consoles, increasing focus on development of miniature vibration motors, ongoing technological advancements in vibrator motor design and materials, etc. Yet the market faces some challenges such as high price of advanced vibration motors, increased competition from alternative technologies, etc.

Vibration Motors Market: Global Analysis

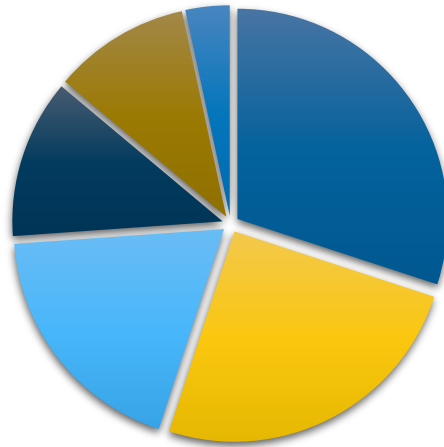
Global Vibration Motors Market by Value



Global vibration motors market was valued at US\$... billion in 2024 and is anticipated to reach up to US\$... billion by 2030 from US\$... billion in 2025, with a CAGR of xx%.

Vibration Motors Market: Global Analysis

Global Vibration Motors Market by Product; 2024



Product	Share (2024)
Eccentric Rotating Mass	xx%
Brushed Coin	xx%
Brushless Coin	xx%
PCB Mounted	xx%
Linear Resonant Actuators	xx%
Encapsulated	xx%

Vibration Motors Market: Global Analysis

Global Vibration Motors Market by Motor; 2024



Motor	Share (2024)
AC Motor	xx%
DC Motor	xx%

Vibration Motors Market: Global Analysis

Global Vibration Motors Market by Voltage; 2024



Voltage	Share (2024)
More than 2 V	xx%
1.5 - 2 V	xx%
Less than 1.5 V	xx%

Vibration Motors Market: Global Analysis

Global Vibration Motors Market by Application; 2024



Application	Share (2024)
Consumer Electronics	xx%
Industrial Handheld Tools	xx%
Medical Applications	xx%
Other Applications	xx%

Vibration Motors Market: Global Analysis

Global Vibration Motors Market by Region; 2024



North America, xx%

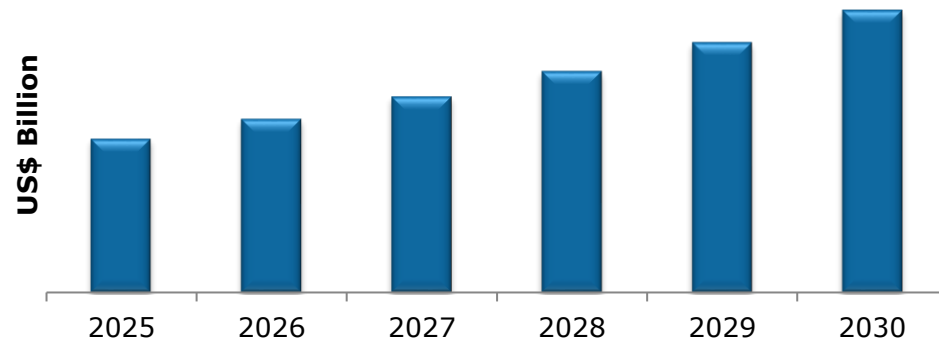
Europe, xx%

Asia Pacific, xx%

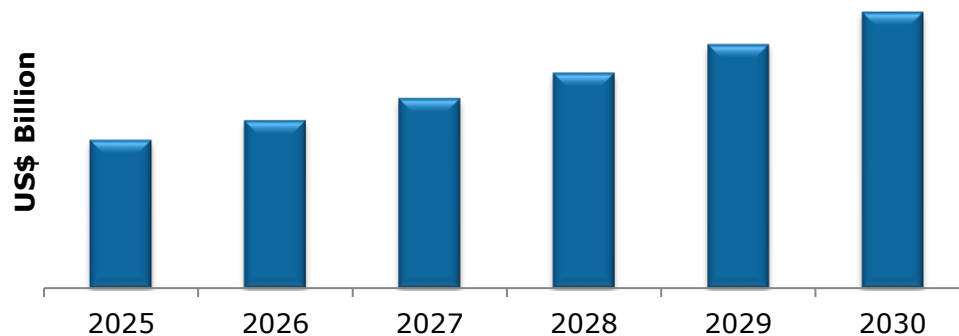
Rest of the World, xx%

Vibration Motors Market: Product Analysis

Global Eccentric Rotating Mass Vibration Motors Market by Value



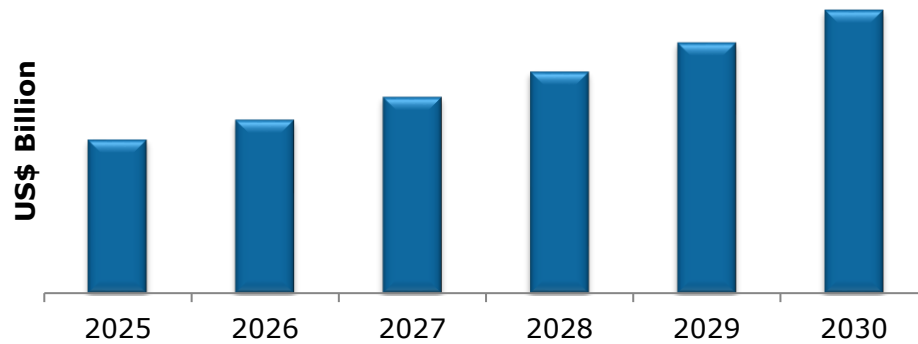
Global Brushed Coin Vibration Motors Market by Value



Product	CAGR (2025-2030)
Eccentric Rotating Mass	xx%
Brushed Coin	xx%
Brushless Coin	xx%
PCB Mounted	xx%
Linear Resonant Actuators	xx%
Encapsulated	xx%

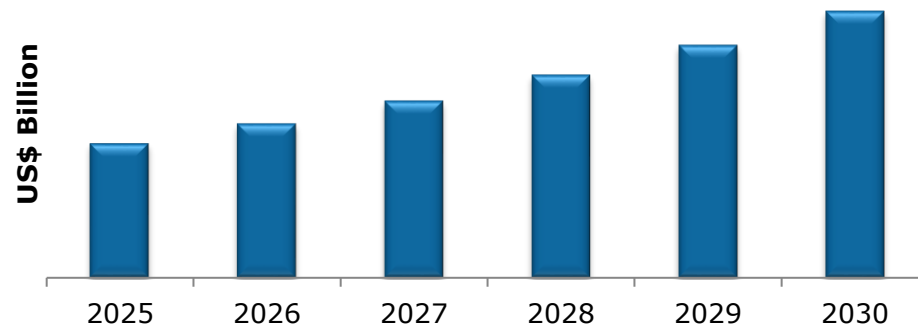
Vibration Motors Market: Motor Analysis

Global Vibration DC Motors Market by Value



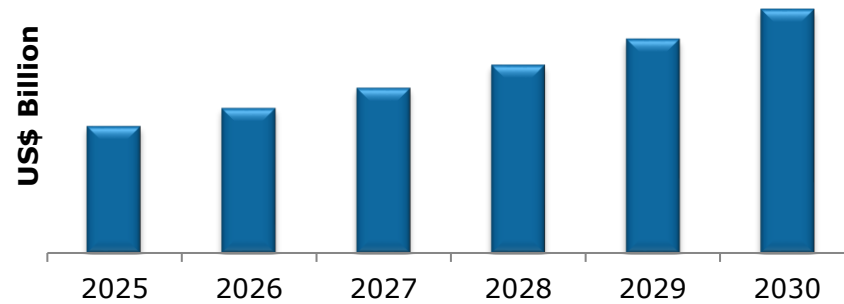
Motor	CAGR (2025-2030)
AC Motor	xx%
DC Motor	xx%

Global Vibration AC Motors Market by Value

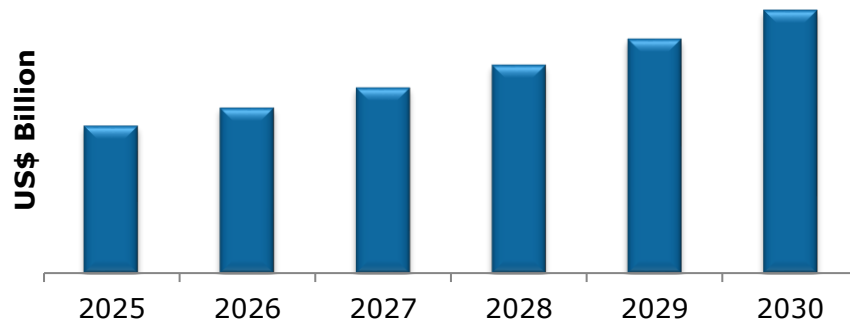


Vibration Motors Market: Voltage Analysis

Global More Than 2 V Vibration Motors Market by Value



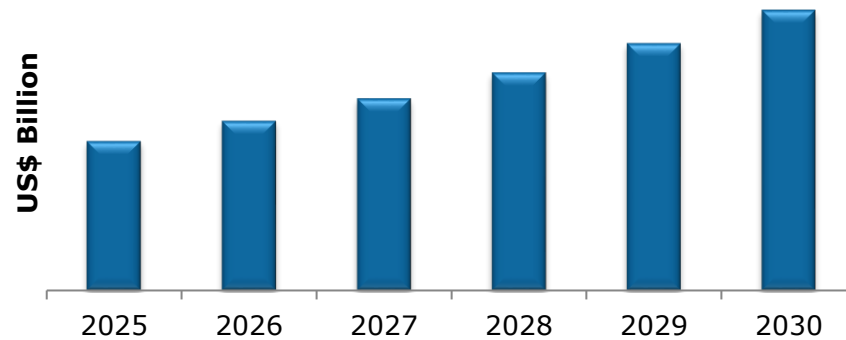
Global 1.5 - 2 V Vibration Motors Market by Value



Voltage	CAGR (2025-2030)
More than 2 V	xx%
1.5 - 2 V	xx%
Less than 1.5 V	xx%

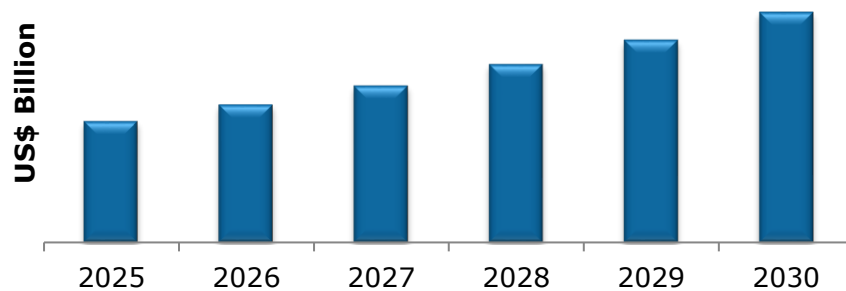
Vibration Motors Market: Application Analysis

Global Consumer Electronics Vibration Motors Market by Value



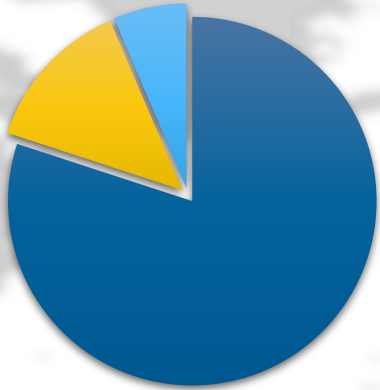
Application	CAGR (2025-2030)
Consumer Electronics	xx%
Industrial Handheld Tools	xx%
Medical Applications	xx%
Other Applications	xx%

Global Industrial Handheld Tools Vibration Motors Market by Value



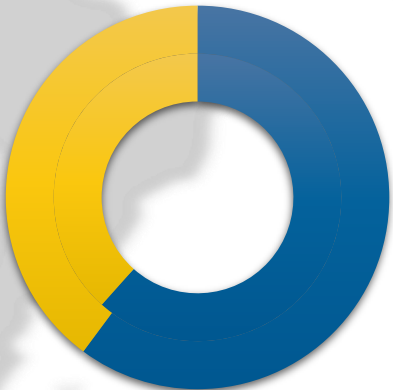
North America Vibration Motors Market: An Analysis

North America Vibration Motors Market by Region; 2024



Region	Share (2024)	CAGR (2025-2030)
The US	xx%	xx%
Canada	xx%	xx%
Mexico	xx%	xx%

North America Vibration Motors Market by Motor; 2024 & 2030



Motor	Share (2024 & 2030)
AC Motor	xx%
DC Motor	xx%

Asia Pacific Vibration Motors Market: An Analysis

Asia Pacific Vibration Motors Market by Region; 2024



Region	Share (2024)	CAGR (2025-2030)
China	xx%	xx%
Japan	xx%	xx%
India	xx%	xx%
South Korea	xx%	xx%
Rest of Asia Pacific	xx%	xx%

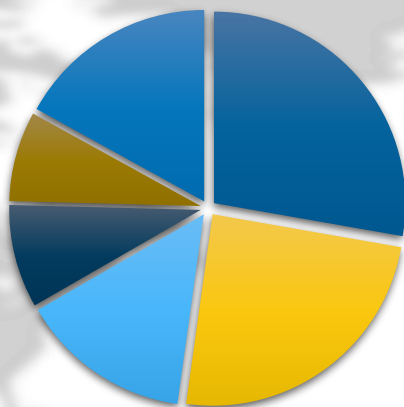
Asia Pacific Vibration Motors Market by Voltage; 2024 & 2030



Voltage	Share (2024 & 2030)
More than 2 V	xx%
1.5 - 2 V	xx%
Less than 1.5 V	xx%

Europe Vibration Motors Market: An Analysis

Europe Vibration Motors Market by Region; 2024



Region	Share (2024)	CAGR (2025-2030)
Germany	xx%	xx%
UK	xx%	xx%
France	xx%	xx%
Italy	xx%	xx%
Spain	xx%	xx%
Rest of Europe	xx%	xx%

Europe Vibration Motors Market by Motor; 2024 & 2030



Motor	Share (2024 & 2030)
AC Motor	xx%
DC Motor	xx%

Global Vibration Motors Market: Dynamics



Growth Driver

- Increasing Demand For Haptic Feedback In Consumer Electronics
- Robust Growth in Automotive Sector

Challenges

- High Price of Advanced Vibration Motors
- Increased Competition From Alternative Technologies

Market Trends

- Increasing focus on Development Of Miniature Vibration Motors
- Increasing Integration In Smart Home Devices

Global Vibration Motors Market: Competitive Landscape

Players Profiled

- ❑ Nidec Corporation
- ❑ Vybronics
- ❑ Wolong Electric Group
- ❑ INVICTA VIBRATORS
- ❑ BEGE Power Transmission
- ❑ Dongguan INEED Technology Co., Ltd.
- ❑ EXEN Corp.
- ❑ Zhejiang Guangling Vibrating Technology Co.,Ltd
- ❑ Risun Expanse Corp.
- ❑ FRIEDRICH Schwingtechnik GmbH
- ❑ Shanbo EM
- ❑ Henan Pingyuan Mining Machinery Co., Ltd.