

# Global Voice Coil Motor Actuators Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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# Abstracts

According to our (Global Info Research) latest study, the global Voice Coil Motor Actuators market size was valued at USD 279.9 million in 2023 and is forecast to a readjusted size of USD 400.8 million by 2030 with a CAGR of 5.3% during review period.

A voice coil actuator, also known as a non-commutated DC linear actuator, is a type of direct drive linear motor. The name "voice coil" comes from one of its historically first applications: vibrating the paper cone of a loudVibration Control.

Global voice coil motor actuators include Sensata, SMAC, Hitachi Metals, PI (Physik Instrumente), Akribis, Thorlabs, Inc., Tongmao Electronics, Celera Motion, Airex, H2W Technologies, PBA Systems, MotiCont, Motran Industries Inc, Geeplus, Equipment Solutions, Inc, Stanford Magnets, Optimal Engineering Systems, etc., totally accounting for about 80%. Asia-Pacific is the largest market, with a share over 40%. As for the types of products, it can be divided into moving coil type voice coil motor actuators and moving magnet type voice coil motor actuators. Moving coil type voice coil motor actuators is the largest segment, holding a share over 56%. In terms of application, it can be divided into linear compressor and control valve, optical system, semiconductor equipment, vibration control, machining and others. Linear compressor and control valve is the largest segment, with a share about 35%.

The Global Info Research report includes an overview of the development of the Voice Coil Motor Actuators industry chain, the market status of Linear Compressor and Control Valve (Moving Coil Type Voice Coil Motor Actuators, Moving Magnet Type Voice Coil Motor Actuators), Optical System (Moving Coil Type Voice Coil Motor



Actuators, Moving Magnet Type Voice Coil Motor Actuators), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Voice Coil Motor Actuators.

Regionally, the report analyzes the Voice Coil Motor Actuators markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Voice Coil Motor Actuators market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Voice Coil Motor Actuators market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Voice Coil Motor Actuators industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Moving Coil Type Voice Coil Motor Actuators, Moving Magnet Type Voice Coil Motor Actuators).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Voice Coil Motor Actuators market.

Regional Analysis: The report involves examining the Voice Coil Motor Actuators market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Voice Coil Motor Actuators market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.



The report also involves a more granular approach to Voice Coil Motor Actuators:

Company Analysis: Report covers individual Voice Coil Motor Actuators manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Voice Coil Motor Actuators This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Linear Compressor and Control Valve, Optical System).

Technology Analysis: Report covers specific technologies relevant to Voice Coil Motor Actuators. It assesses the current state, advancements, and potential future developments in Voice Coil Motor Actuators areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Voice Coil Motor Actuators market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

**Market Segmentation** 

Voice Coil Motor Actuators market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Moving Coil Type Voice Coil Motor Actuators

Moving Magnet Type Voice Coil Motor Actuators

Market segment by Application



#### Linear Compressor and Control Valve

**Optical System** 

Semiconductor Equipment

Vibration Control

Machining

Others

Major players covered

Sensata

SMAC

Hitachi Metals

PI (Physik Instrumente)

Akribis

Thorlabs, Inc.

**Tongmao Electronics** 

Celera Motion

Airex

H2W Technologies

**PBA Systems** 

MotiCont



Motran Industries Inc

Geeplus

Equipment Solutions, Inc

Stanford Magnets

**Optimal Engineering Systems** 

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 Voice Coil Motor Actuators product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Voice Coil Motor Actuators, with price, sales, revenue and global market share of Voice Coil Motor Actuators from 2019 to 2024.

Chapter 3, the Voice Coil Motor Actuators competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Voice Coil Motor Actuators breakdown data are shown at the regional



level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023.and Voice Coil Motor Actuators market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Voice Coil Motor Actuators.

Chapter 14 and 15, to describe Voice Coil Motor Actuators sales channel, distributors, customers, research findings and conclusion.



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