

# Global Enclosed Torque Motor Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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## Abstracts

According to our (Global Info Research) latest study, the global Enclosed Torque Motor market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

An enclosed torque motor, also known as a framed torque motor, is an electric motor designed specifically to deliver high torque output. Unlike frameless torque motors, which lack an external frame or housing, framed torque motors are complete units that include the motor, stator, rotor, and an external protective frame or housing.

Enclosed torque motors are specifically designed to deliver high torque output, making them suitable for applications that require powerful rotational motion. Industries such as robotics, machine tools, packaging, and automation systems often demand high torque capabilities, driving the demand for framed torque motors. Framed torque motors offer excellent control over rotational motion, enabling precise and accurate positioning. They provide high torque-to-inertia ratios and low cogging, resulting in smooth operation and enhanced control performance. This makes them ideal for applications that require precise motion control, such as CNC machines, robotics, and rotary tables.

The Global Info Research report includes an overview of the development of the Enclosed Torque Motor industry chain, the market status of Machine Tool (DC, AC), Robotics (DC, AC), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Enclosed Torque Motor.

Regionally, the report analyzes the Enclosed Torque Motor 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 Enclosed Torque Motor market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Enclosed Torque Motor 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 Enclosed Torque Motor 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., DC, AC).

**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 Enclosed Torque Motor market.

**Regional Analysis:** The report involves examining the Enclosed Torque Motor 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 Enclosed Torque Motor market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Enclosed Torque Motor:

**Company Analysis:** Report covers individual Enclosed Torque Motor 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 Enclosed Torque Motor. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Machine Tool, Robotics).

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

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Enclosed Torque Motor 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

Enclosed Torque Motor market is split by Type and by Application. For the period 2018-2029, 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

DC

AC

### Market segment by Application

Machine Tool

Robotics

Food and Packaging

Industrial Automation

Others

#### Major players covered

Siemens

Moog

Hiwin

ETEL

Zollern

Han's Motor

Phase

Lafert

IDAM

Kollmorgen

Maxon Motor

#### 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 Enclosed Torque Motor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Enclosed Torque Motor, with price, sales, revenue and global market share of Enclosed Torque Motor from 2018 to 2023.

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

Chapter 4, the Enclosed Torque Motor breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2022. and Enclosed Torque Motor market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

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 Enclosed Torque Motor.

Chapter 14 and 15, to describe Enclosed Torque Motor sales channel, distributors, customers, research findings and conclusion.

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