

# Global High-Density Frameless Motor Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global High-Density Frameless Motor market size is expected to reach \$ 1023 million by 2032, rising at a market growth of 8.3% CAGR during the forecast period (2026-2032).

High-Density Frameless Motor (or High Torque Density Frameless Motor) is essentially a type of permanent magnet synchronous servo motor module without a shell, end cap, bearing, or independent output shaft. It is usually delivered in the form of stator + rotor and is directly integrated by the customer into the robot joint, actuator, precision turntable, or equipment body structure.

This report studies the global High-Density Frameless Motor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for High-Density Frameless Motor and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of High-Density Frameless Motor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global High-Density Frameless Motor total production and demand, 2021-2032, (K Units)

Global High-Density Frameless Motor total production value, 2021-2032, (USD Million)

Global High-Density Frameless Motor production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global High-Density Frameless Motor consumption by region & country, CAGR,

2021-2032 & (K Units)

U.S. VS China: High-Density Frameless Motor domestic production, consumption, key domestic manufacturers and share

Global High-Density Frameless Motor production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global High-Density Frameless Motor production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global High-Density Frameless Motor production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global High-Density Frameless Motor market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Nidec, Parker, Kollmorgen (Regal Rexnord), Allied Motion, Maxon Group, TQ-Group, Mabuchi Motor, Wittenstein, ShinMaywa Industries, Kinco, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World High-Density Frameless Motor market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global High-Density Frameless Motor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global High-Density Frameless Motor Market, Segmentation by Type:

Low Voltage (96V and Below)

Medium Voltage (100-400V)

#### Global High-Density Frameless Motor Market, Segmentation by Outer Diameter:

Outer Diameter: 50mm and Below

Outer Diameter: Above 50mm

#### Global High-Density Frameless Motor Market, Segmentation by Marketing Method:

Direct Sales

Distribution

#### Global High-Density Frameless Motor Market, Segmentation by Application:

Robotics

Semiconductors and Precision Manufacturing

Aerospace and Defense

Medical

Other

#### Companies Profiled:

Nidec

Parker

Kollmorgen (Regal Rexnord)

Allied Motion

Maxon Group

TQ-Group

Mabuchi Motor

Wittenstein

ShinMaywa Industries

Kinco

Inovance Group

Moons'

Leadshine

Mosrac

Wolong Electric

Zhejiang Hechuan

Suzhou Veichi Electric

Guangzhou Haozhi

Han's Laser

CubeMars

Key Questions Answered:

1. How big is the global High-Density Frameless Motor market?
2. What is the demand of the global High-Density Frameless Motor market?
3. What is the year over year growth of the global High-Density Frameless Motor market?
4. What is the production and production value of the global High-Density Frameless Motor market?
5. Who are the key producers in the global High-Density Frameless Motor market?
6. What are the growth factors driving the market demand?

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