+357 96 030922
info@marketpublishers.com

Europe High-torque Synchronous Motor Market for Marine by Application (Propulsion, Auxiliary Systems, Deck Machinery), Vessel Type (Yachts, Ferries, Containers, Bulk Carriers, Tankers, Corvettes, Submarines), Torque and Power - Regional Forecast to 2030

https://marketpublishers.com/r/EC89A86EA0DCEN.html
Date: July 2025
Pages: 210
Price: US$ 4,950.00 (Single User License)
ID: EC89A86EA0DCEN

Abstracts

The Europe high-torque synchronous motor market for marine is expected to grow from USD 790.9 million in 2025 to USD 1,165.5 million by 2030, registering a CAGR of 8.1%. This growth is primarily driven by the increasing demand for high-efficiency, low-maintenance drive solutions across marine applications. Operators are replacing legacy systems with modern high-torque synchronous motors to comply with EU energy efficiency standards and enhance operational performance. The market is also supported by consistent growth in shipbuilding and smart manufacturing facilities across the region. The emphasis on electrification and the need for precise torque control and automation continue to drive investment in advanced high-torque synchronous motor technologies throughout Europe.

“Commercial vessels are projected to be the largest platform in the Europe high-torque synchronous motor market for marine during the forecast period.”

Across Europe, major manufacturers and integrators are increasingly focused on advancing high-torque synchronous motor solutions tailored for commercial vessels, aiming to capture emerging opportunities in marine electrification. The transformation of maritime logistics, including digital port infrastructure and green shipping corridors, is driving the need for reliable, high-efficiency motor systems to support large-scale cargo and passenger operations. Regulatory frameworks such as the EU Green Deal and IMO

+357 96 030922
info@marketpublishers.com

emissions mandates are pushing commercial fleet operators to adopt high-torque synchronous motors that ensure greater propulsion efficiency and lower lifecycle emissions. With a strong focus on vessel automation, energy savings, and onboard equipment modernization, high-torque synchronous motors are widely used in propulsion drives, deck machinery, and power management systems. Their role in improving vessel performance, fuel economy, and operational reliability positions commercial vessels as the primary growth segment in the Europe high-torque synchronous motor market.

“Propulsion is expected to hold the second-largest share in the Europe high-torque synchronous motor market for marine by application.”

Advancements in electric and hybrid propulsion technologies across the maritime sector have led to increased adoption of high-torque synchronous motors in propulsion applications. These motors deliver high efficiency, precise torque control, and low maintenance, making them well-suited for vessel propulsion applications ranging from ferries to defense vessels. The rising focus on decarbonization and compliance with IMO emission standards is encouraging shipowners and operators to replace conventional systems with electric propulsion configurations powered by high-torque synchronous motors. Their ability to operate effectively at variable loads and in harsh marine environments supports this trend. In addition, the integration of high-torque synchronous motors with energy storage systems and smart power distribution networks enhances overall propulsion system performance. As commercial fleets modernize and new vessel builds prioritize sustainable propulsion solutions, the demand for high-torque synchronous motors in this segment continues to expand steadily across Europe.

“Netherlands is expected to dominate the Europe high-torque synchronous motor market for marine during the forecast period.”

The Netherlands is expected to be at the forefront of the Europe high-torque synchronous motor market for marine, driven by its cutting-edge shipbuilding industry, robust port infrastructure, and focus on maritime electrification. The country’s well-established motor makers and marine system integrators ecosystem facilitate ongoing innovation of high-efficiency, high-torque synchronous motor solutions suited for propulsion, deck machinery, and other uses. Dutch yards and engineering companies are continuously retrofitting older commercial fleets and offshore platforms to meet EU energy efficiency and emissions rules, stimulating steady demand for high-torque synchronous motor retrofits. At the same time, newbuild contracts increasingly call for

+357 96 030922
info@marketpublishers.com

synchronous motors in anticipation of their high-torque output, minimal maintenance requirements, and hybrid-electric configuration compatibility. Cross-industry R&D schemes and public-private partnerships for green shipping and smart maritime systems also benefit the Netherlands. These, combined with manufacturing capacity for export orientation, strengthen the country's leadership in the Europe high-torque synchronous motor market for marine.

Breakdown of Primaries

The study contains insights from various industry experts, ranging from component suppliers to tier-1 companies and OEMs. The break-up of the primaries is as follows:

By Company Type: Tier 1 – 35%, Tier 2 – 45%, and Tier 3 – 20%

By Designation: C Level – 35%, Director Level – 25%, and Others – 40%

By Region: North America – 25%, Europe – 15%, Asia Pacific – 45%, Middle East – 5%, and Rest of the World – 10%

ABB (Switzerland), Nidec Corporation (France), WEG (Brazil), Danfoss (Denmark), and VEM GmbH (Germany) are among the leading players operating in the Europe high-torque synchronous motor market for marine.

Research Coverage

The study covers the Europe high-torque synchronous motor market for marine in various segments and subsegments. It aims to estimate the size and growth potential of this market across different segments based on application, power, torque, and vessel type. This study also includes an in-depth competitive analysis of the key players in the market, their company profiles, key observations related to their solutions and business offerings, recent developments, and growth strategies.

Key Benefits of Buying this Report:

This report will help the market leaders/new entrants with information on the closest approximations of the revenue numbers for the Europe high-torque synchronous motor market for marine and its subsegments. The report covers the entire ecosystem of the Europe high-torque synchronous motor market for marine. It will help stakeholders

+357 96 030922
info@marketpublishers.com

understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report will also help stakeholders understand the pulse of the market and provide them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers, such as a growing number of mega-ships due to expanding global trade, increasing marine passenger and tourism, and strategic fleet renewal

Product Development: In-depth analysis of product innovation/development by companies across various countries

Market Development: Comprehensive information about lucrative markets

Market Diversification: Exhaustive information about new solutions, untapped geographies, recent developments, and investments in the Europe high-torque synchronous motor market for marine

Competitive Assessment: In-depth assessment of market shares, growth strategies, and product offerings of leading players such as ABB (Switzerland), Nidec Corporation (France), WEG (Brazil), Danfoss (Denmark), and VEM GmbH (Germany), among others

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

13.5 AUTHOR DETAILS

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Europe High-torque Synchronous Motor Market for Marine by Application (Propulsion, Auxiliary Systems, Deck Machinery), Vessel Type (Yachts, Ferries, Containers, Bulk Carriers, Tankers, Corvettes, Submarines), Torque and Power - Regional Forecast to 2030

Product link: https://marketpublishers.com/r/EC89A86EA0DCEN.html

Price: US$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/EC89A86EA0DCEN.html