

Global Permanent Magnet Direct Drive Motor Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Permanent Magnet Direct Drive Motor market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

The market prospects for Permanent Magnet Direct Drive (PMDD) Motors are highly promising, driven by the increasing demand for high-efficiency and reliable motor solutions across various industries. PMDD motors eliminate the need for a gearbox, resulting in improved overall efficiency, reduced maintenance requirements, and decreased noise and vibration levels. As industries prioritize energy efficiency, sustainability, and compact design, PMDD motors offer significant advantages. The expanding adoption of renewable energy sources, such as wind power, and the growing shift towards electric vehicles further bolster the market prospects for PMDD motors. With continuous technological advancements and a focus on eco-friendly solutions, the market for PMDD motors is expected to witness significant growth in the coming years.

The Permanent Magnet Direct Drive Motor (PMDD) is a type of electric motor that eliminates the need for a gearbox by directly coupling the rotor and load. It utilizes permanent magnets on the rotor instead of traditional electromagnetic windings, resulting in improved efficiency and performance. PMDD motors offer several advantages, such as higher energy efficiency, reduced maintenance requirements, and decreased noise and vibration levels. These motors find applications in various industries, including wind power generation, electric vehicles, and industrial machinery, where high efficiency, compactness, and reliability are essential. PMDD technology continues to advance, driving the market prospects for these motors with the growing focus on energy efficiency and sustainability.

This report studies the global Permanent Magnet Direct Drive Motor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Permanent Magnet Direct Drive Motor, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Permanent Magnet Direct Drive Motor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Permanent Magnet Direct Drive Motor total production and demand, 2018-2029, (K Units)

Global Permanent Magnet Direct Drive Motor total production value, 2018-2029, (USD Million)

Global Permanent Magnet Direct Drive Motor production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Permanent Magnet Direct Drive Motor consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Permanent Magnet Direct Drive Motor domestic production, consumption, key domestic manufacturers and share

Global Permanent Magnet Direct Drive Motor production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Permanent Magnet Direct Drive Motor production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Permanent Magnet Direct Drive Motor production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Permanent Magnet Direct Drive 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 Yaskawa, Bosch Rexroth,

Parker, CKD, NSK, Mitsubishi Electric, Rockwell Automation, Kollmorgen and Schaeffler Technologies, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Permanent Magnet Direct Drive 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 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Permanent Magnet Direct Drive Motor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Permanent Magnet Direct Drive Motor Market, Segmentation by Type

Direct Drive Rotary Motors

Direct Drive Linear Motors

Global Permanent Magnet Direct Drive Motor Market, Segmentation by Application

Robots

Machine Tools

Semiconductor Manufacturing Equipment

Electronic Manufacturing Equipment

Medical Devices

Printing and Packaging Equipment

Others

Companies Profiled:

Yaskawa

Bosch Rexroth

Parker

CKD

NSK

Mitsubishi Electric

Rockwell Automation

Kollmorgen

Schaeffler Technologies

ETEL

Hiwin

Nidec

Celera Motion (Novanta)

Moog Inc

Siemens

Shenzhen Han's Motor S&T

Akribis

Motor Power

Yokokawa Robotics

Sodick

Solpower

NTI AG

Shenzhen Dynamikwell

LS Mecapion

Linear Motor

DG Smartwin

Magnetic Innovations

Microtech Laboratory (MTL)

Key Questions Answered

1. How big is the global Permanent Magnet Direct Drive Motor market?
2. What is the demand of the global Permanent Magnet Direct Drive Motor market?
3. What is the year over year growth of the global Permanent Magnet Direct Drive Motor market?
4. What is the production and production value of the global Permanent Magnet Direct Drive Motor market?
5. Who are the key producers in the global Permanent Magnet Direct Drive Motor market?

Contents

1 SUPPLY SUMMARY

- 1.1 Permanent Magnet Direct Drive Motor Introduction
- 1.2 World Permanent Magnet Direct Drive Motor Supply & Forecast
 - 1.2.1 World Permanent Magnet Direct Drive Motor Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Permanent Magnet Direct Drive Motor Production (2018-2029)
 - 1.2.3 World Permanent Magnet Direct Drive Motor Pricing Trends (2018-2029)
- 1.3 World Permanent Magnet Direct Drive Motor Production by Region (Based on Production Site)
 - 1.3.1 World Permanent Magnet Direct Drive Motor Production Value by Region (2018-2029)
 - 1.3.2 World Permanent Magnet Direct Drive Motor Production by Region (2018-2029)
 - 1.3.3 World Permanent Magnet Direct Drive Motor Average Price by Region (2018-2029)
 - 1.3.4 North America Permanent Magnet Direct Drive Motor Production (2018-2029)
 - 1.3.5 Europe Permanent Magnet Direct Drive Motor Production (2018-2029)
 - 1.3.6 China Permanent Magnet Direct Drive Motor Production (2018-2029)
 - 1.3.7 Japan Permanent Magnet Direct Drive Motor Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Permanent Magnet Direct Drive Motor Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Permanent Magnet Direct Drive Motor Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Permanent Magnet Direct Drive Motor Demand (2018-2029)
- 2.2 World Permanent Magnet Direct Drive Motor Consumption by Region
 - 2.2.1 World Permanent Magnet Direct Drive Motor Consumption by Region (2018-2023)
 - 2.2.2 World Permanent Magnet Direct Drive Motor Consumption Forecast by Region (2024-2029)
- 2.3 United States Permanent Magnet Direct Drive Motor Consumption (2018-2029)
- 2.4 China Permanent Magnet Direct Drive Motor Consumption (2018-2029)
- 2.5 Europe Permanent Magnet Direct Drive Motor Consumption (2018-2029)
- 2.6 Japan Permanent Magnet Direct Drive Motor Consumption (2018-2029)
- 2.7 South Korea Permanent Magnet Direct Drive Motor Consumption (2018-2029)

- 2.8 ASEAN Permanent Magnet Direct Drive Motor Consumption (2018-2029)
- 2.9 India Permanent Magnet Direct Drive Motor Consumption (2018-2029)

3 WORLD PERMANENT MAGNET DIRECT DRIVE MOTOR MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Permanent Magnet Direct Drive Motor Production Value by Manufacturer (2018-2023)
- 3.2 World Permanent Magnet Direct Drive Motor Production by Manufacturer (2018-2023)
- 3.3 World Permanent Magnet Direct Drive Motor Average Price by Manufacturer (2018-2023)
- 3.4 Permanent Magnet Direct Drive Motor Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Permanent Magnet Direct Drive Motor Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Permanent Magnet Direct Drive Motor in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Permanent Magnet Direct Drive Motor in 2022
- 3.6 Permanent Magnet Direct Drive Motor Market: Overall Company Footprint Analysis
 - 3.6.1 Permanent Magnet Direct Drive Motor Market: Region Footprint
 - 3.6.2 Permanent Magnet Direct Drive Motor Market: Company Product Type Footprint
 - 3.6.3 Permanent Magnet Direct Drive Motor Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Permanent Magnet Direct Drive Motor Production Value Comparison
 - 4.1.1 United States VS China: Permanent Magnet Direct Drive Motor Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: Permanent Magnet Direct Drive Motor Production Value

Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Permanent Magnet Direct Drive Motor Production Comparison

4.2.1 United States VS China: Permanent Magnet Direct Drive Motor Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Permanent Magnet Direct Drive Motor Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Permanent Magnet Direct Drive Motor Consumption Comparison

4.3.1 United States VS China: Permanent Magnet Direct Drive Motor Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Permanent Magnet Direct Drive Motor Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Permanent Magnet Direct Drive Motor Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Permanent Magnet Direct Drive Motor Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Permanent Magnet Direct Drive Motor Production Value (2018-2023)

4.4.3 United States Based Manufacturers Permanent Magnet Direct Drive Motor Production (2018-2023)

4.5 China Based Permanent Magnet Direct Drive Motor Manufacturers and Market Share

4.5.1 China Based Permanent Magnet Direct Drive Motor Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Permanent Magnet Direct Drive Motor Production Value (2018-2023)

4.5.3 China Based Manufacturers Permanent Magnet Direct Drive Motor Production (2018-2023)

4.6 Rest of World Based Permanent Magnet Direct Drive Motor Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Permanent Magnet Direct Drive Motor Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Permanent Magnet Direct Drive Motor Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Permanent Magnet Direct Drive Motor Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Permanent Magnet Direct Drive Motor Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Direct Drive Rotary Motors

5.2.2 Direct Drive Linear Motors

5.3 Market Segment by Type

5.3.1 World Permanent Magnet Direct Drive Motor Production by Type (2018-2029)

5.3.2 World Permanent Magnet Direct Drive Motor Production Value by Type (2018-2029)

5.3.3 World Permanent Magnet Direct Drive Motor Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Permanent Magnet Direct Drive Motor Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Robots

6.2.2 Machine Tools

6.2.3 Semiconductor Manufacturing Equipment

6.2.4 Electronic Manufacturing Equipment

6.2.5 Medical Devices

6.2.6 Printing and Packaging Equipment

6.2.7 Others

6.3 Market Segment by Application

6.3.1 World Permanent Magnet Direct Drive Motor Production by Application (2018-2029)

6.3.2 World Permanent Magnet Direct Drive Motor Production Value by Application (2018-2029)

6.3.3 World Permanent Magnet Direct Drive Motor Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Yaskawa

7.1.1 Yaskawa Details

7.1.2 Yaskawa Major Business

7.1.3 Yaskawa Permanent Magnet Direct Drive Motor Product and Services

7.1.4 Yaskawa Permanent Magnet Direct Drive Motor Production, Price, Value, Gross

Margin and Market Share (2018-2023)

7.1.5 Yaskawa Recent Developments/Updates

7.1.6 Yaskawa Competitive Strengths & Weaknesses

7.2 Bosch Rexroth

7.2.1 Bosch Rexroth Details

7.2.2 Bosch Rexroth Major Business

7.2.3 Bosch Rexroth Permanent Magnet Direct Drive Motor Product and Services

7.2.4 Bosch Rexroth Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Bosch Rexroth Recent Developments/Updates

7.2.6 Bosch Rexroth Competitive Strengths & Weaknesses

7.3 Parker

7.3.1 Parker Details

7.3.2 Parker Major Business

7.3.3 Parker Permanent Magnet Direct Drive Motor Product and Services

7.3.4 Parker Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Parker Recent Developments/Updates

7.3.6 Parker Competitive Strengths & Weaknesses

7.4 CKD

7.4.1 CKD Details

7.4.2 CKD Major Business

7.4.3 CKD Permanent Magnet Direct Drive Motor Product and Services

7.4.4 CKD Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 CKD Recent Developments/Updates

7.4.6 CKD Competitive Strengths & Weaknesses

7.5 NSK

7.5.1 NSK Details

7.5.2 NSK Major Business

7.5.3 NSK Permanent Magnet Direct Drive Motor Product and Services

7.5.4 NSK Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 NSK Recent Developments/Updates

7.5.6 NSK Competitive Strengths & Weaknesses

7.6 Mitsubishi Electric

7.6.1 Mitsubishi Electric Details

7.6.2 Mitsubishi Electric Major Business

7.6.3 Mitsubishi Electric Permanent Magnet Direct Drive Motor Product and Services

7.6.4 Mitsubishi Electric Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 Mitsubishi Electric Recent Developments/Updates

7.6.6 Mitsubishi Electric Competitive Strengths & Weaknesses

7.7 Rockwell Automation

7.7.1 Rockwell Automation Details

7.7.2 Rockwell Automation Major Business

7.7.3 Rockwell Automation Permanent Magnet Direct Drive Motor Product and Services

7.7.4 Rockwell Automation Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Rockwell Automation Recent Developments/Updates

7.7.6 Rockwell Automation Competitive Strengths & Weaknesses

7.8 Kollmorgen

7.8.1 Kollmorgen Details

7.8.2 Kollmorgen Major Business

7.8.3 Kollmorgen Permanent Magnet Direct Drive Motor Product and Services

7.8.4 Kollmorgen Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 Kollmorgen Recent Developments/Updates

7.8.6 Kollmorgen Competitive Strengths & Weaknesses

7.9 Schaeffler Technologies

7.9.1 Schaeffler Technologies Details

7.9.2 Schaeffler Technologies Major Business

7.9.3 Schaeffler Technologies Permanent Magnet Direct Drive Motor Product and Services

7.9.4 Schaeffler Technologies Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 Schaeffler Technologies Recent Developments/Updates

7.9.6 Schaeffler Technologies Competitive Strengths & Weaknesses

7.10 ETEL

7.10.1 ETEL Details

7.10.2 ETEL Major Business

7.10.3 ETEL Permanent Magnet Direct Drive Motor Product and Services

7.10.4 ETEL Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 ETEL Recent Developments/Updates

7.10.6 ETEL Competitive Strengths & Weaknesses

7.11 Hiwin

- 7.11.1 Hiwin Details
- 7.11.2 Hiwin Major Business
- 7.11.3 Hiwin Permanent Magnet Direct Drive Motor Product and Services
- 7.11.4 Hiwin Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.11.5 Hiwin Recent Developments/Updates
- 7.11.6 Hiwin Competitive Strengths & Weaknesses
- 7.12 Nidec
 - 7.12.1 Nidec Details
 - 7.12.2 Nidec Major Business
 - 7.12.3 Nidec Permanent Magnet Direct Drive Motor Product and Services
 - 7.12.4 Nidec Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.12.5 Nidec Recent Developments/Updates
 - 7.12.6 Nidec Competitive Strengths & Weaknesses
- 7.13 Celera Motion (Novanta)
 - 7.13.1 Celera Motion (Novanta) Details
 - 7.13.2 Celera Motion (Novanta) Major Business
 - 7.13.3 Celera Motion (Novanta) Permanent Magnet Direct Drive Motor Product and Services
 - 7.13.4 Celera Motion (Novanta) Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.13.5 Celera Motion (Novanta) Recent Developments/Updates
 - 7.13.6 Celera Motion (Novanta) Competitive Strengths & Weaknesses
- 7.14 Moog Inc
 - 7.14.1 Moog Inc Details
 - 7.14.2 Moog Inc Major Business
 - 7.14.3 Moog Inc Permanent Magnet Direct Drive Motor Product and Services
 - 7.14.4 Moog Inc Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.14.5 Moog Inc Recent Developments/Updates
 - 7.14.6 Moog Inc Competitive Strengths & Weaknesses
- 7.15 Siemens
 - 7.15.1 Siemens Details
 - 7.15.2 Siemens Major Business
 - 7.15.3 Siemens Permanent Magnet Direct Drive Motor Product and Services
 - 7.15.4 Siemens Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.15.5 Siemens Recent Developments/Updates

- 7.15.6 Siemens Competitive Strengths & Weaknesses
- 7.16 Shenzhen Han's Motor S&T
 - 7.16.1 Shenzhen Han's Motor S&T Details
 - 7.16.2 Shenzhen Han's Motor S&T Major Business
 - 7.16.3 Shenzhen Han's Motor S&T Permanent Magnet Direct Drive Motor Product and Services
 - 7.16.4 Shenzhen Han's Motor S&T Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.16.5 Shenzhen Han's Motor S&T Recent Developments/Updates
 - 7.16.6 Shenzhen Han's Motor S&T Competitive Strengths & Weaknesses
- 7.17 Akribis
 - 7.17.1 Akribis Details
 - 7.17.2 Akribis Major Business
 - 7.17.3 Akribis Permanent Magnet Direct Drive Motor Product and Services
 - 7.17.4 Akribis Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.17.5 Akribis Recent Developments/Updates
 - 7.17.6 Akribis Competitive Strengths & Weaknesses
- 7.18 Motor Power
 - 7.18.1 Motor Power Details
 - 7.18.2 Motor Power Major Business
 - 7.18.3 Motor Power Permanent Magnet Direct Drive Motor Product and Services
 - 7.18.4 Motor Power Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.18.5 Motor Power Recent Developments/Updates
 - 7.18.6 Motor Power Competitive Strengths & Weaknesses
- 7.19 Yokokawa Robotics
 - 7.19.1 Yokokawa Robotics Details
 - 7.19.2 Yokokawa Robotics Major Business
 - 7.19.3 Yokokawa Robotics Permanent Magnet Direct Drive Motor Product and Services
 - 7.19.4 Yokokawa Robotics Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.19.5 Yokokawa Robotics Recent Developments/Updates
 - 7.19.6 Yokokawa Robotics Competitive Strengths & Weaknesses
- 7.20 Sodick
 - 7.20.1 Sodick Details
 - 7.20.2 Sodick Major Business
 - 7.20.3 Sodick Permanent Magnet Direct Drive Motor Product and Services

7.20.4 Sodick Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.20.5 Sodick Recent Developments/Updates

7.20.6 Sodick Competitive Strengths & Weaknesses

7.21 Solpower

7.21.1 Solpower Details

7.21.2 Solpower Major Business

7.21.3 Solpower Permanent Magnet Direct Drive Motor Product and Services

7.21.4 Solpower Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.21.5 Solpower Recent Developments/Updates

7.21.6 Solpower Competitive Strengths & Weaknesses

7.22 NTI AG

7.22.1 NTI AG Details

7.22.2 NTI AG Major Business

7.22.3 NTI AG Permanent Magnet Direct Drive Motor Product and Services

7.22.4 NTI AG Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.22.5 NTI AG Recent Developments/Updates

7.22.6 NTI AG Competitive Strengths & Weaknesses

7.23 Shenzhen Dynamikwell

7.23.1 Shenzhen Dynamikwell Details

7.23.2 Shenzhen Dynamikwell Major Business

7.23.3 Shenzhen Dynamikwell Permanent Magnet Direct Drive Motor Product and Services

7.23.4 Shenzhen Dynamikwell Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.23.5 Shenzhen Dynamikwell Recent Developments/Updates

7.23.6 Shenzhen Dynamikwell Competitive Strengths & Weaknesses

7.24 LS Mecapion

7.24.1 LS Mecapion Details

7.24.2 LS Mecapion Major Business

7.24.3 LS Mecapion Permanent Magnet Direct Drive Motor Product and Services

7.24.4 LS Mecapion Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.24.5 LS Mecapion Recent Developments/Updates

7.24.6 LS Mecapion Competitive Strengths & Weaknesses

7.25 Linear Motor

7.25.1 Linear Motor Details

- 7.25.2 Linear Motor Major Business
- 7.25.3 Linear Motor Permanent Magnet Direct Drive Motor Product and Services
- 7.25.4 Linear Motor Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.25.5 Linear Motor Recent Developments/Updates
- 7.25.6 Linear Motor Competitive Strengths & Weaknesses
- 7.26 DG Smartwin
 - 7.26.1 DG Smartwin Details
 - 7.26.2 DG Smartwin Major Business
 - 7.26.3 DG Smartwin Permanent Magnet Direct Drive Motor Product and Services
 - 7.26.4 DG Smartwin Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.26.5 DG Smartwin Recent Developments/Updates
 - 7.26.6 DG Smartwin Competitive Strengths & Weaknesses
- 7.27 Magnetic Innovations
 - 7.27.1 Magnetic Innovations Details
 - 7.27.2 Magnetic Innovations Major Business
 - 7.27.3 Magnetic Innovations Permanent Magnet Direct Drive Motor Product and Services
 - 7.27.4 Magnetic Innovations Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.27.5 Magnetic Innovations Recent Developments/Updates
 - 7.27.6 Magnetic Innovations Competitive Strengths & Weaknesses
- 7.28 Microtech Laboratory (MTL)
 - 7.28.1 Microtech Laboratory (MTL) Details
 - 7.28.2 Microtech Laboratory (MTL) Major Business
 - 7.28.3 Microtech Laboratory (MTL) Permanent Magnet Direct Drive Motor Product and Services
 - 7.28.4 Microtech Laboratory (MTL) Permanent Magnet Direct Drive Motor Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.28.5 Microtech Laboratory (MTL) Recent Developments/Updates
 - 7.28.6 Microtech Laboratory (MTL) Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 Permanent Magnet Direct Drive Motor Industry Chain
- 8.2 Permanent Magnet Direct Drive Motor Upstream Analysis
 - 8.2.1 Permanent Magnet Direct Drive Motor Core Raw Materials
 - 8.2.2 Main Manufacturers of Permanent Magnet Direct Drive Motor Core Raw

Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Permanent Magnet Direct Drive Motor Production Mode

8.6 Permanent Magnet Direct Drive Motor Procurement Model

8.7 Permanent Magnet Direct Drive Motor Industry Sales Model and Sales Channels

8.7.1 Permanent Magnet Direct Drive Motor Sales Model

8.7.2 Permanent Magnet Direct Drive Motor Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Permanent Magnet Direct Drive Motor Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Permanent Magnet Direct Drive Motor Production Value by Region (2018-2023) & (USD Million)

Table 3. World Permanent Magnet Direct Drive Motor Production Value by Region (2024-2029) & (USD Million)

Table 4. World Permanent Magnet Direct Drive Motor Production Value Market Share by Region (2018-2023)

Table 5. World Permanent Magnet Direct Drive Motor Production Value Market Share by Region (2024-2029)

Table 6. World Permanent Magnet Direct Drive Motor Production by Region (2018-2023) & (K Units)

Table 7. World Permanent Magnet Direct Drive Motor Production by Region (2024-2029) & (K Units)

Table 8. World Permanent Magnet Direct Drive Motor Production Market Share by Region (2018-2023)

Table 9. World Permanent Magnet Direct Drive Motor Production Market Share by Region (2024-2029)

Table 10. World Permanent Magnet Direct Drive Motor Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Permanent Magnet Direct Drive Motor Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Permanent Magnet Direct Drive Motor Major Market Trends

Table 13. World Permanent Magnet Direct Drive Motor Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Permanent Magnet Direct Drive Motor Consumption by Region (2018-2023) & (K Units)

Table 15. World Permanent Magnet Direct Drive Motor Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Permanent Magnet Direct Drive Motor Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Permanent Magnet Direct Drive Motor Producers in 2022

Table 18. World Permanent Magnet Direct Drive Motor Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Permanent Magnet Direct Drive Motor Producers in 2022

Table 20. World Permanent Magnet Direct Drive Motor Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Permanent Magnet Direct Drive Motor Company Evaluation Quadrant

Table 22. World Permanent Magnet Direct Drive Motor Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Permanent Magnet Direct Drive Motor Production Site of Key Manufacturer

Table 24. Permanent Magnet Direct Drive Motor Market: Company Product Type Footprint

Table 25. Permanent Magnet Direct Drive Motor Market: Company Product Application Footprint

Table 26. Permanent Magnet Direct Drive Motor Competitive Factors

Table 27. Permanent Magnet Direct Drive Motor New Entrant and Capacity Expansion Plans

Table 28. Permanent Magnet Direct Drive Motor Mergers & Acquisitions Activity

Table 29. United States VS China Permanent Magnet Direct Drive Motor Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Permanent Magnet Direct Drive Motor Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Permanent Magnet Direct Drive Motor Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Permanent Magnet Direct Drive Motor Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Permanent Magnet Direct Drive Motor Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Permanent Magnet Direct Drive Motor Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Permanent Magnet Direct Drive Motor Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Permanent Magnet Direct Drive Motor Production Market Share (2018-2023)

Table 37. China Based Permanent Magnet Direct Drive Motor Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Permanent Magnet Direct Drive Motor Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Permanent Magnet Direct Drive Motor Production Value Market Share (2018-2023)

- Table 40. China Based Manufacturers Permanent Magnet Direct Drive Motor Production (2018-2023) & (K Units)
- Table 41. China Based Manufacturers Permanent Magnet Direct Drive Motor Production Market Share (2018-2023)
- Table 42. Rest of World Based Permanent Magnet Direct Drive Motor Manufacturers, Headquarters and Production Site (States, Country)
- Table 43. Rest of World Based Manufacturers Permanent Magnet Direct Drive Motor Production Value, (2018-2023) & (USD Million)
- Table 44. Rest of World Based Manufacturers Permanent Magnet Direct Drive Motor Production Value Market Share (2018-2023)
- Table 45. Rest of World Based Manufacturers Permanent Magnet Direct Drive Motor Production (2018-2023) & (K Units)
- Table 46. Rest of World Based Manufacturers Permanent Magnet Direct Drive Motor Production Market Share (2018-2023)
- Table 47. World Permanent Magnet Direct Drive Motor Production Value by Type, (USD Million), 2018 & 2022 & 2029
- Table 48. World Permanent Magnet Direct Drive Motor Production by Type (2018-2023) & (K Units)
- Table 49. World Permanent Magnet Direct Drive Motor Production by Type (2024-2029) & (K Units)
- Table 50. World Permanent Magnet Direct Drive Motor Production Value by Type (2018-2023) & (USD Million)
- Table 51. World Permanent Magnet Direct Drive Motor Production Value by Type (2024-2029) & (USD Million)
- Table 52. World Permanent Magnet Direct Drive Motor Average Price by Type (2018-2023) & (US\$/Unit)
- Table 53. World Permanent Magnet Direct Drive Motor Average Price by Type (2024-2029) & (US\$/Unit)
- Table 54. World Permanent Magnet Direct Drive Motor Production Value by Application, (USD Million), 2018 & 2022 & 2029
- Table 55. World Permanent Magnet Direct Drive Motor Production by Application (2018-2023) & (K Units)
- Table 56. World Permanent Magnet Direct Drive Motor Production by Application (2024-2029) & (K Units)
- Table 57. World Permanent Magnet Direct Drive Motor Production Value by Application (2018-2023) & (USD Million)
- Table 58. World Permanent Magnet Direct Drive Motor Production Value by Application (2024-2029) & (USD Million)
- Table 59. World Permanent Magnet Direct Drive Motor Average Price by Application

(2018-2023) & (US\$/Unit)

Table 60. World Permanent Magnet Direct Drive Motor Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Yaskawa Basic Information, Manufacturing Base and Competitors

Table 62. Yaskawa Major Business

Table 63. Yaskawa Permanent Magnet Direct Drive Motor Product and Services

Table 64. Yaskawa Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Yaskawa Recent Developments/Updates

Table 66. Yaskawa Competitive Strengths & Weaknesses

Table 67. Bosch Rexroth Basic Information, Manufacturing Base and Competitors

Table 68. Bosch Rexroth Major Business

Table 69. Bosch Rexroth Permanent Magnet Direct Drive Motor Product and Services

Table 70. Bosch Rexroth Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Bosch Rexroth Recent Developments/Updates

Table 72. Bosch Rexroth Competitive Strengths & Weaknesses

Table 73. Parker Basic Information, Manufacturing Base and Competitors

Table 74. Parker Major Business

Table 75. Parker Permanent Magnet Direct Drive Motor Product and Services

Table 76. Parker Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Parker Recent Developments/Updates

Table 78. Parker Competitive Strengths & Weaknesses

Table 79. CKD Basic Information, Manufacturing Base and Competitors

Table 80. CKD Major Business

Table 81. CKD Permanent Magnet Direct Drive Motor Product and Services

Table 82. CKD Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. CKD Recent Developments/Updates

Table 84. CKD Competitive Strengths & Weaknesses

Table 85. NSK Basic Information, Manufacturing Base and Competitors

Table 86. NSK Major Business

Table 87. NSK Permanent Magnet Direct Drive Motor Product and Services

Table 88. NSK Permanent Magnet Direct Drive Motor Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. NSK Recent Developments/Updates

Table 90. NSK Competitive Strengths & Weaknesses

Table 91. Mitsubishi Electric Basic Information, Manufacturing Base and Competitors

Table 92. Mitsubishi Electric Major Business

Table 93. Mitsubishi Electric Permanent Magnet Direct Drive Motor Product and Services

Table 94. Mitsubishi Electric Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Mitsubishi Electric Recent Developments/Updates

Table 96. Mitsubishi Electric Competitive Strengths & Weaknesses

Table 97. Rockwell Automation Basic Information, Manufacturing Base and Competitors

Table 98. Rockwell Automation Major Business

Table 99. Rockwell Automation Permanent Magnet Direct Drive Motor Product and Services

Table 100. Rockwell Automation Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Rockwell Automation Recent Developments/Updates

Table 102. Rockwell Automation Competitive Strengths & Weaknesses

Table 103. Kollmorgen Basic Information, Manufacturing Base and Competitors

Table 104. Kollmorgen Major Business

Table 105. Kollmorgen Permanent Magnet Direct Drive Motor Product and Services

Table 106. Kollmorgen Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Kollmorgen Recent Developments/Updates

Table 108. Kollmorgen Competitive Strengths & Weaknesses

Table 109. Schaeffler Technologies Basic Information, Manufacturing Base and Competitors

Table 110. Schaeffler Technologies Major Business

Table 111. Schaeffler Technologies Permanent Magnet Direct Drive Motor Product and Services

Table 112. Schaeffler Technologies Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Schaeffler Technologies Recent Developments/Updates

Table 114. Schaeffler Technologies Competitive Strengths & Weaknesses

Table 115. ETEL Basic Information, Manufacturing Base and Competitors

Table 116. ETEL Major Business

Table 117. ETEL Permanent Magnet Direct Drive Motor Product and Services

Table 118. ETEL Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. ETEL Recent Developments/Updates

Table 120. ETEL Competitive Strengths & Weaknesses

Table 121. Hiwin Basic Information, Manufacturing Base and Competitors

Table 122. Hiwin Major Business

Table 123. Hiwin Permanent Magnet Direct Drive Motor Product and Services

Table 124. Hiwin Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Hiwin Recent Developments/Updates

Table 126. Hiwin Competitive Strengths & Weaknesses

Table 127. Nidec Basic Information, Manufacturing Base and Competitors

Table 128. Nidec Major Business

Table 129. Nidec Permanent Magnet Direct Drive Motor Product and Services

Table 130. Nidec Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Nidec Recent Developments/Updates

Table 132. Nidec Competitive Strengths & Weaknesses

Table 133. Celera Motion (Novanta) Basic Information, Manufacturing Base and Competitors

Table 134. Celera Motion (Novanta) Major Business

Table 135. Celera Motion (Novanta) Permanent Magnet Direct Drive Motor Product and Services

Table 136. Celera Motion (Novanta) Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. Celera Motion (Novanta) Recent Developments/Updates

Table 138. Celera Motion (Novanta) Competitive Strengths & Weaknesses

Table 139. Moog Inc Basic Information, Manufacturing Base and Competitors

Table 140. Moog Inc Major Business

Table 141. Moog Inc Permanent Magnet Direct Drive Motor Product and Services

Table 142. Moog Inc Permanent Magnet Direct Drive Motor Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. Moog Inc Recent Developments/Updates

Table 144. Moog Inc Competitive Strengths & Weaknesses

Table 145. Siemens Basic Information, Manufacturing Base and Competitors

Table 146. Siemens Major Business

Table 147. Siemens Permanent Magnet Direct Drive Motor Product and Services

Table 148. Siemens Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 149. Siemens Recent Developments/Updates

Table 150. Siemens Competitive Strengths & Weaknesses

Table 151. Shenzhen Han's Motor S&T Basic Information, Manufacturing Base and Competitors

Table 152. Shenzhen Han's Motor S&T Major Business

Table 153. Shenzhen Han's Motor S&T Permanent Magnet Direct Drive Motor Product and Services

Table 154. Shenzhen Han's Motor S&T Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 155. Shenzhen Han's Motor S&T Recent Developments/Updates

Table 156. Shenzhen Han's Motor S&T Competitive Strengths & Weaknesses

Table 157. Akribis Basic Information, Manufacturing Base and Competitors

Table 158. Akribis Major Business

Table 159. Akribis Permanent Magnet Direct Drive Motor Product and Services

Table 160. Akribis Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 161. Akribis Recent Developments/Updates

Table 162. Akribis Competitive Strengths & Weaknesses

Table 163. Motor Power Basic Information, Manufacturing Base and Competitors

Table 164. Motor Power Major Business

Table 165. Motor Power Permanent Magnet Direct Drive Motor Product and Services

Table 166. Motor Power Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 167. Motor Power Recent Developments/Updates

Table 168. Motor Power Competitive Strengths & Weaknesses

Table 169. Yokokawa Robotics Basic Information, Manufacturing Base and Competitors

Table 170. Yokokawa Robotics Major Business

Table 171. Yokokawa Robotics Permanent Magnet Direct Drive Motor Product and Services

Table 172. Yokokawa Robotics Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 173. Yokokawa Robotics Recent Developments/Updates

Table 174. Yokokawa Robotics Competitive Strengths & Weaknesses

Table 175. Sodick Basic Information, Manufacturing Base and Competitors

Table 176. Sodick Major Business

Table 177. Sodick Permanent Magnet Direct Drive Motor Product and Services

Table 178. Sodick Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 179. Sodick Recent Developments/Updates

Table 180. Sodick Competitive Strengths & Weaknesses

Table 181. Solpower Basic Information, Manufacturing Base and Competitors

Table 182. Solpower Major Business

Table 183. Solpower Permanent Magnet Direct Drive Motor Product and Services

Table 184. Solpower Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 185. Solpower Recent Developments/Updates

Table 186. Solpower Competitive Strengths & Weaknesses

Table 187. NTI AG Basic Information, Manufacturing Base and Competitors

Table 188. NTI AG Major Business

Table 189. NTI AG Permanent Magnet Direct Drive Motor Product and Services

Table 190. NTI AG Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 191. NTI AG Recent Developments/Updates

Table 192. NTI AG Competitive Strengths & Weaknesses

Table 193. Shenzhen Dynamikwell Basic Information, Manufacturing Base and Competitors

Table 194. Shenzhen Dynamikwell Major Business

Table 195. Shenzhen Dynamikwell Permanent Magnet Direct Drive Motor Product and Services

Table 196. Shenzhen Dynamikwell Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market

Share (2018-2023)

Table 197. Shenzhen Dynamikwell Recent Developments/Updates

Table 198. Shenzhen Dynamikwell Competitive Strengths & Weaknesses

Table 199. LS Mecapion Basic Information, Manufacturing Base and Competitors

Table 200. LS Mecapion Major Business

Table 201. LS Mecapion Permanent Magnet Direct Drive Motor Product and Services

Table 202. LS Mecapion Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 203. LS Mecapion Recent Developments/Updates

Table 204. LS Mecapion Competitive Strengths & Weaknesses

Table 205. Linear Motor Basic Information, Manufacturing Base and Competitors

Table 206. Linear Motor Major Business

Table 207. Linear Motor Permanent Magnet Direct Drive Motor Product and Services

Table 208. Linear Motor Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 209. Linear Motor Recent Developments/Updates

Table 210. Linear Motor Competitive Strengths & Weaknesses

Table 211. DG Smartwin Basic Information, Manufacturing Base and Competitors

Table 212. DG Smartwin Major Business

Table 213. DG Smartwin Permanent Magnet Direct Drive Motor Product and Services

Table 214. DG Smartwin Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 215. DG Smartwin Recent Developments/Updates

Table 216. DG Smartwin Competitive Strengths & Weaknesses

Table 217. Magnetic Innovations Basic Information, Manufacturing Base and Competitors

Table 218. Magnetic Innovations Major Business

Table 219. Magnetic Innovations Permanent Magnet Direct Drive Motor Product and Services

Table 220. Magnetic Innovations Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 221. Magnetic Innovations Recent Developments/Updates

Table 222. Microtech Laboratory (MTL) Basic Information, Manufacturing Base and Competitors

Table 223. Microtech Laboratory (MTL) Major Business

Table 224. Microtech Laboratory (MTL) Permanent Magnet Direct Drive Motor Product and Services

Table 225. Microtech Laboratory (MTL) Permanent Magnet Direct Drive Motor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 226. Global Key Players of Permanent Magnet Direct Drive Motor Upstream (Raw Materials)

Table 227. Permanent Magnet Direct Drive Motor Typical Customers

Table 228. Permanent Magnet Direct Drive Motor Typical Distributors
List of Figure

Figure 1. Permanent Magnet Direct Drive Motor Picture

Figure 2. World Permanent Magnet Direct Drive Motor Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Permanent Magnet Direct Drive Motor Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Permanent Magnet Direct Drive Motor Production (2018-2029) & (K Units)

Figure 5. World Permanent Magnet Direct Drive Motor Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Permanent Magnet Direct Drive Motor Production Value Market Share by Region (2018-2029)

Figure 7. World Permanent Magnet Direct Drive Motor Production Market Share by Region (2018-2029)

Figure 8. North America Permanent Magnet Direct Drive Motor Production (2018-2029) & (K Units)

Figure 9. Europe Permanent Magnet Direct Drive Motor Production (2018-2029) & (K Units)

Figure 10. China Permanent Magnet Direct Drive Motor Production (2018-2029) & (K Units)

Figure 11. Japan Permanent Magnet Direct Drive Motor Production (2018-2029) & (K Units)

Figure 12. Permanent Magnet Direct Drive Motor Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Permanent Magnet Direct Drive Motor Consumption (2018-2029) & (K Units)

Figure 15. World Permanent Magnet Direct Drive Motor Consumption Market Share by Region (2018-2029)

Figure 16. United States Permanent Magnet Direct Drive Motor Consumption (2018-2029) & (K Units)

Figure 17. China Permanent Magnet Direct Drive Motor Consumption (2018-2029) & (K Units)

Figure 18. Europe Permanent Magnet Direct Drive Motor Consumption (2018-2029) & (K Units)

Figure 19. Japan Permanent Magnet Direct Drive Motor Consumption (2018-2029) & (K Units)

Figure 20. South Korea Permanent Magnet Direct Drive Motor Consumption (2018-2029) & (K Units)

Figure 21. ASEAN Permanent Magnet Direct Drive Motor Consumption (2018-2029) & (K Units)

Figure 22. India Permanent Magnet Direct Drive Motor Consumption (2018-2029) & (K Units)

Figure 23. Producer Shipments of Permanent Magnet Direct Drive Motor by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Permanent Magnet Direct Drive Motor Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Permanent Magnet Direct Drive Motor Markets in 2022

Figure 26. United States VS China: Permanent Magnet Direct Drive Motor Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Permanent Magnet Direct Drive Motor Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Permanent Magnet Direct Drive Motor Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Permanent Magnet Direct Drive Motor Production Market Share 2022

Figure 30. China Based Manufacturers Permanent Magnet Direct Drive Motor Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Permanent Magnet Direct Drive Motor Production Market Share 2022

Figure 32. World Permanent Magnet Direct Drive Motor Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Permanent Magnet Direct Drive Motor Production Value Market Share by Type in 2022

Figure 34. Direct Drive Rotary Motors

Figure 35. Direct Drive Linear Motors

Figure 36. World Permanent Magnet Direct Drive Motor Production Market Share by Type (2018-2029)

Figure 37. World Permanent Magnet Direct Drive Motor Production Value Market Share

by Type (2018-2029)

Figure 38. World Permanent Magnet Direct Drive Motor Average Price by Type (2018-2029) & (US\$/Unit)

Figure 39. World Permanent Magnet Direct Drive Motor Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 40. World Permanent Magnet Direct Drive Motor Production Value Market Share by Application in 2022

Figure 41. Robots

Figure 42. Machine Tools

Figure 43. Semiconductor Manufacturing Equipment

Figure 44. Electronic Manufacturing Equipment

Figure 45. Medical Devices

Figure 46. Printing and Packaging Equipment

Figure 47. Others

Figure 48. World Permanent Magnet Direct Drive Motor Production Market Share by Application (2018-2029)

Figure 49. World Permanent Magnet Direct Drive Motor Production Value Market Share by Application (2018-2029)

Figure 50. World Permanent Magnet Direct Drive Motor Average Price by Application (2018-2029) & (US\$/Unit)

Figure 51. Permanent Magnet Direct Drive Motor Industry Chain

Figure 52. Permanent Magnet Direct Drive Motor Procurement Model

Figure 53. Permanent Magnet Direct Drive Motor Sales Model

Figure 54. Permanent Magnet Direct Drive Motor Sales Channels, Direct Sales, and Distribution

Figure 55. Methodology

Figure 56. Research Process and Data Source

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