

**Energy Efficient Motor Market by Efficiency Level (IE1, IE2, IE3, IE4, and IE5), Type(AC, DC), Power Output Rating (< 1 kW, 1 - 2.2 kW, 2.2 - 375 kW, and > 375 kW), Application (HVAC, Fans, Pumps, Compressors), End User Region - Global Forecast to 2028**

Market Report | 2023-03-09 | 215 pages | MarketsandMarkets

**AVAILABLE LICENSES:**

- Single User \$4950.00
- Multi User \$6650.00
- Corporate License \$8150.00
- Enterprise Site License \$10000.00

**Report description:**

The global Energy Efficient Motor market is projected to reach USD 59.3 billion by 2028 from an estimated USD 41.7 billion in 2023, at a CAGR of 7.3% during the forecast period. The IE3 segment market is anticipated to grow from an estimated USD 29.7 billion in 2023 to USD 41.9 billion in 2028, at a CAGR of 7.1% during the forecast period. Rotor losses in IE3 motors are reduced considerably by using copper as the conductor material in the squirrel cage rather than aluminum, which leads to the reduction of the slip under load conditions. The reduction in air gaps and thinner laminations made of better-quality steel ensure higher efficiency than traditional motors. These technological modifications in the IE3 efficiency level motors is pushing the market.

"Aerospace & Defense: The second fastest-growing segment of the energy efficient motor market, by end user"

The end user segment is categorized as industrial, commercial, residential, automotive, agriculture, and aerospace.

energy-efficient motors are used in aircraft propulsion, navigation systems, and environmental control systems. Advantages in these applications include improved fuel efficiency, reduced emissions, and increased system reliability which is pushing the market.

" North America is expected to account for the second-largest market size during the forecast period."

North America is expected to be the second largest and fastest-growing market. The use of energy-efficient motors in the region is increasing rapidly due to growing investments in major verticals such as industrial, commercial, and transportation. Countries in North America have been focusing on energy efficiency through programs, partnerships, and initiatives. For instance, the Industrial Efficiency and Decarbonization Office (IEDO) aims to improve the energy and material efficiency, productivity, and competitiveness of manufacturers across the industrial sector.

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

## Breakdown of Primaries:

In-depth interviews have been conducted with various key industry participants, subject-matter experts, C-level executives of key market players, and industry consultants, among other experts, to obtain and verify critical qualitative and quantitative information, as well as to assess future market prospects. The distribution of primary interviews is as follows:

By Company Type: Tier 1- 45%, Tier 2- 30%, and Tier 3- 25%

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

By Region: Europe- 20%, Asia Pacific- 33%, North America- 27%, the Middle East & Africa- 12%, and South America- 8%

Note: Others includes product engineers, product specialists, and engineering leads.

Note: The tiers of the companies are defined on the basis of their total revenues as of 2017. Tier 1: > USD 1 billion, Tier 2: From USD 500 million to USD 1 billion, and Tier 3: < USD 500 million

The energy efficient motor market is dominated by a few major players that have a wide regional presence. The leading players in the energy efficient motor market are ABB (Switzerland), Siemens (Germany), Regal Rexnord Corporation (US), Wolong Electric Group Co., Ltd (China), Nidec Corporation (Japan).

## Research Coverage:

The report defines, describes, and forecasts the global energy efficient motor market, by product type, by stage type, by power rating, by pumping capacity, end-user industry, and region. It also offers a detailed qualitative and quantitative analysis of the market. The report provides a comprehensive review of the major market drivers, restraints, opportunities, and challenges. It also covers various important aspects of the market. These include an analysis of the competitive landscape, market dynamics, market estimates, in terms of value, and future trends in the energy efficient motor market.

## Key Benefits of Buying the Report

1. The report identifies and addresses the key markets for energy efficient motor, which would help equipment manufacturers review the growth in demand.
2. The report helps system providers understand the pulse of the market and provides insights into drivers, restraints, opportunities, and challenges.
3. The report will help key players understand the strategies of their competitors better and help them in making better strategic decisions.

## Table of Contents:

1	INTRODUCTION	22
1.1	STUDY OBJECTIVES	22
1.2	MARKET DEFINITION	22
1.3	INCLUSIONS AND EXCLUSIONS	23
1.3.1	ENERGY EFFICIENT MOTOR MARKET, BY EFFICIENCY LEVEL	23
1.3.2	ENERGY EFFICIENT MOTOR MARKET, BY POWER OUTPUT RATING	23
1.3.3	ENERGY EFFICIENT MOTOR MARKET, BY INSTALLATION TYPE	23
1.3.4	ENERGY EFFICIENT MOTOR MARKET, BY TYPE	24
1.3.5	ENERGY EFFICIENT MOTOR MARKET, BY END USER	24
1.3.6	ENERGY EFFICIENT MOTOR MARKET, BY APPLICATION	24
1.4	MARKET SCOPE	25
1.4.1	MARKETS COVERED	25
1.4.2	REGIONAL SCOPE	25
1.4.3	YEARS CONSIDERED	26
1.5	CURRENCY CONSIDERED	26
1.6	LIMITATIONS	26
1.7	STAKEHOLDERS	27
1.8	SUMMARY OF CHANGES	27
2	RESEARCH METHODOLOGY	28

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

2.1	RESEARCH DATA	28
	FIGURE 1 ENERGY EFFICIENT MOTOR MARKET: RESEARCH DESIGN	29
2.2	MARKET BREAKDOWN AND DATA TRIANGULATION	30
	FIGURE 2 DATA TRIANGULATION METHODOLOGY	30
2.2.1	SECONDARY DATA	31
2.2.1.1	Key data from secondary sources	31
2.2.2	PRIMARY DATA	32
2.2.2.1	Key data from primary sources	32
2.2.2.2	Breakdown of primaries	33
2.3	STUDY SCOPE	34
	FIGURE 3 MAIN METRICS CONSIDERED TO ANALYZE AND ASSESS DEMAND FOR ENERGY-EFFICIENT MOTORS	34
2.4	MARKET SIZE ESTIMATION	35
2.4.1	BOTTOM-UP APPROACH	35
	FIGURE 4 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH	35
2.4.2	TOP-DOWN APPROACH	36
	FIGURE 5 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH	36
2.4.3	DEMAND-SIDE ANALYSIS	37
2.4.3.1	Regional analysis	37
2.4.3.2	Country-level analysis	38
2.4.3.3	Assumptions for demand-side analysis	38
2.4.3.4	Calculations for demand-side analysis	38
2.4.4	SUPPLY-SIDE ANALYSIS	39
	FIGURE 6 KEY STEPS CONSIDERED TO ASSESS SUPPLY OF ENERGY-EFFICIENT MOTORS	39
	FIGURE 7 ENERGY EFFICIENT MOTOR MARKET: SUPPLY-SIDE ANALYSIS	39
2.4.4.1	Calculations for supply-side analysis	40
2.4.4.2	Assumptions for supply-side analysis	40
	FIGURE 8 COMPANY REVENUE ANALYSIS, 2021	40
2.4.5	FORECAST	40
2.5	RISK ASSESSMENT	41
2.6	RECESSION IMPACT	41
3	EXECUTIVE SUMMARY	42
	TABLE 1 SNAPSHOT OF ENERGY EFFICIENT MOTOR MARKET	42
	FIGURE 9 AC MOTORS SEGMENT TO HOLD LARGER SHARE OF ENERGY EFFICIENT MOTOR MARKET DURING FORECAST PERIOD	43
	FIGURE 10 < 1 KW SEGMENT TO ACCOUNT FOR LARGEST SIZE OF ENERGY EFFICIENT MOTOR MARKET DURING FORECAST PERIOD	44
	FIGURE 11 IE3 SEGMENT TO HOLD LARGEST SIZE OF ENERGY EFFICIENT MOTOR MARKET DURING FORECAST PERIOD	44
	FIGURE 12 PUMPS SEGMENT TO ACCOUNT FOR LARGEST SHARE OF ENERGY EFFICIENT MOTOR MARKET DURING FORECAST PERIOD	45
	FIGURE 13 INDUSTRIAL SEGMENT TO LEAD ENERGY EFFICIENT MOTOR MARKET DURING FORECAST PERIOD	45
	FIGURE 14 ASIA PACIFIC ACCOUNTED FOR LARGEST SHARE OF ENERGY EFFICIENT MOTOR MARKET IN 2022	46
4	PREMIUM INSIGHTS	47
4.1	ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN ENERGY EFFICIENT MOTOR MARKET	47
	FIGURE 15 GROWING ADOPTION OF ENERGY-EFFICIENT SOLUTIONS AND GOVERNMENT MANDATES TO FAVOR MARKET GROWTH	47
4.2	ASIA PACIFIC: ENERGY EFFICIENT MOTOR MARKET, BY END USER AND COUNTRY	48
	FIGURE 16 INDUSTRIAL SEGMENT AND CHINA HELD LARGEST SHARES OF ASIA PACIFIC ENERGY EFFICIENT MOTOR MARKET IN 2022	48
4.3	ENERGY EFFICIENT MOTOR MARKET, BY TYPE	48

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

FIGURE 17 AC MOTORS SEGMENT TO ACCOUNT FOR LARGER MARKET SHARE IN 2028 48

4.4 ENERGY EFFICIENT MOTOR MARKET, BY END USER 49

FIGURE 18 INDUSTRIAL SEGMENT TO HOLD LARGEST MARKET SHARE IN 2028 49

4.5 ENERGY EFFICIENT MOTOR MARKET, BY POWER OUTPUT RATING 49

FIGURE 19 < 1 KW SEGMENT TO LEAD ENERGY EFFICIENT MOTOR MARKET IN 2028 49

4.6 ENERGY EFFICIENT MOTOR MARKET, BY EFFICIENCY LEVEL 50

FIGURE 20 IE3 SEGMENT TO HOLD LARGEST SHARE OF ENERGY EFFICIENT MOTOR MARKET IN 2028 50

4.7 ENERGY EFFICIENT MOTOR MARKET, BY APPLICATION 50

FIGURE 21 PUMPS SEGMENT TO CAPTURE LARGEST SHARE OF ENERGY EFFICIENT MOTOR MARKET IN 2028 50

5 MARKET OVERVIEW 51

5.1 INTRODUCTION 51

5.2 MARKET DYNAMICS 51

FIGURE 22 ENERGY EFFICIENT MOTOR MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES 51

5.2.1 DRIVERS 52

5.2.1.1 Lower life cycle costs than traditional motors 52

FIGURE 23 ELECTRIC MOTOR LIFE CYCLE COSTS 52

5.2.1.2 Government initiatives encouraging adoption of energy-efficient motors 53

TABLE 2 FUNDING SCHEMES AND PROJECTS FOR ENERGY-EFFICIENT MOTORS IN DIFFERENT COUNTRIES 53

5.2.1.3 Increasing adoption of energy-efficient motors in industrial sector 54

FIGURE 24 PERCENTAGE SHARE OF ELECTRICITY CONSUMPTION OF MOTOR SYSTEMS, BY INDUSTRY SUBSECTOR, 2020 54

5.2.2 RESTRAINTS 55

5.2.2.1 High price of energy-efficient motors 55

5.2.3 OPPORTUNITIES 55

5.2.3.1 Rising industrialization and decarbonization initiatives 55

TABLE 3 WORLD ECONOMIC OUTLOOK GROWTH PROJECTIONS ABOUT ANNUAL PERCENTAGE CHANGE IN REAL GDP, 2022-2024 56

5.2.3.2 Growth of robotics and automation 56

FIGURE 25 GLOBAL OPERATIONAL STOCK OF INDUSTRIAL ROBOTS, 2010-2020 57

5.2.4 CHALLENGES 57

5.2.4.1 Limited awareness about benefits of energy-efficient motors 57

5.2.4.2 Supply chain disruptions 58

FIGURE 26 GLOBAL NOMINAL PRICES FOR ALUMINIUM AND COPPER (USD/MT), 2020-2023 58

5.3 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS 59

5.3.1 REVENUE SHIFTS AND NEW REVENUE POCKETS FOR ENERGY-EFFICIENT MOTOR MANUFACTURERS 59

FIGURE 27 REVENUE SHIFTS FOR ENERGY-EFFICIENT MOTOR MANUFACTURERS 59

5.4 MARKET MAP 59

TABLE 4 ENERGY EFFICIENT MOTOR MARKET: ECOSYSTEM ANALYSIS 59

FIGURE 28 MARKET MAP/ECOSYSTEM ANALYSIS 60

5.5 VALUE CHAIN ANALYSIS 61

FIGURE 29 ENERGY EFFICIENT MOTOR MARKET: VALUE CHAIN ANALYSIS 61

5.5.1 RAW MATERIAL/COMPONENT PROVIDERS 61

5.5.2 MANUFACTURERS 61

5.5.3 DISTRIBUTORS AND AFTER-SALES SERVICE PROVIDERS 61

5.5.4 END USERS 62

5.6 AVERAGE SELLING PRICE (ASP) ANALYSIS 62

FIGURE 30 AVERAGE SELLING PRICE OF ENERGY-EFFICIENT MOTORS OFFERED KEY PLAYERS, BY POWER OUTPUT RATING, 2021 62

TABLE 5 AVERAGE SELLING PRICE OF ENERGY-EFFICIENT MOTORS OFFERED BY KEY PLAYERS, BY POWER OUTPUT RATING, 2021 (USD) 62

TABLE 6 PRICING ANALYSIS, BY REGION, 2021 AND 2028 (USD) 63

FIGURE 31 PRICING ANALYSIS, BY REGION, 2021 AND 2028 (USD) 63

5.7 TECHNOLOGY ANALYSIS 63

5.7.1 TECHNOLOGY TRENDS RELATED TO ELECTRIC MOTORS 63

TABLE 7 ENERGY EFFICIENCY METHOD IMPROVEMENTS IN MOTORS 64

5.8 TARIFF, CODES, AND REGULATIONS 64

5.8.1 TARIFF RELATED TO ENERGY-EFFICIENT MOTORS 64

5.8.2 CODES AND REGULATIONS RELATED TO ENERGY EFFICIENT MOTOR MARKET 65

TABLE 8 NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 65

TABLE 9 EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 66

TABLE 10 ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 66

TABLE 11 MIDDLE EAST & AFRICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 67

TABLE 12 GLOBAL: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 67

5.8.3 CODES AND REGULATIONS RELATED TO ENERGY-EFFICIENT MOTORS 68

TABLE 13 NORTH AMERICA: CODES AND REGULATIONS 68

TABLE 14 ASIA PACIFIC: CODES AND REGULATIONS 68

TABLE 15 EUROPE: CODES AND REGULATIONS 69

TABLE 16 GLOBAL: CODES AND REGULATIONS 69

5.9 PATENT ANALYSIS 69

TABLE 17 ENERGY EFFICIENT MOTOR MARKET: INNOVATION AND PATENT REGISTRATION 69

5.10 TRADE ANALYSIS 71

5.10.1 EXPORT SCENARIO 71

TABLE 18 EXPORT SCENARIO FOR HS CODE: 8501, BY COUNTRY, 2019-2021 (USD THOUSAND) 71

5.10.2 IMPORT SCENARIO 71

TABLE 19 IMPORT SCENARIO FOR HS CODE: 8501, BY COUNTRY, 2019-2021 (USD THOUSAND) 72

5.11 KEY CONFERENCES AND EVENTS, 2023-2024 72

TABLE 20 ENERGY EFFICIENT MOTOR MARKET: LIST OF CONFERENCES AND EVENTS 72

5.12 CASE STUDY ANALYSIS 75

5.12.1 ORQUIDEA IMPROVED FOOD PRODUCTION EFFICIENCY WITH BONUS MOTOR PROGRAM 75

5.12.2 EMORY UNIVERSITY UPGRADED MOTORS TO CUT DOWN HVAC ENERGY COSTS 75

5.13 PORTER'S FIVE FORCES ANALYSIS 76

TABLE 21 ENERGY EFFICIENT MOTOR MARKET: PORTER'S FIVE FORCES ANALYSIS 76

FIGURE 32 ENERGY EFFICIENT MOTOR MARKET: PORTER'S FIVE FORCES ANALYSIS 76

5.13.1 THREAT OF SUBSTITUTES 77

5.13.2 BARGAINING POWER OF SUPPLIERS 77

5.13.3 BARGAINING POWER OF BUYERS 77

5.13.4 THREAT OF NEW ENTRANTS 77

5.13.5 INTENSITY OF COMPETITIVE RIVALRY 78

5.14 KEY STAKEHOLDERS AND BUYING CRITERIA 78

5.14.1 KEY STAKEHOLDERS IN BUYING PROCESS 78

FIGURE 33 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS, BY END USER 78

TABLE 22 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS, BY END USER (%) 78

5.14.2 BUYING CRITERIA 79

FIGURE 34 KEY BUYING CRITERIA FOR END USERS 79

TABLE 23 KEY BUYING CRITERIA, BY END USER 79

6 ENERGY EFFICIENT MOTOR MARKET, BY EFFICIENCY LEVEL 80

6.1 INTRODUCTION 81

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

FIGURE 35 ENERGY EFFICIENT MOTOR MARKET SHARE, BY EFFICIENCY LEVEL, 2022 81

TABLE 24 ENERGY EFFICIENT MOTOR MARKET, BY EFFICIENCY LEVEL, 2021-2028 (USD MILLION) 82

6.2 IE1 82

6.2.1 IDEAL FOR APPLICATIONS THAT DO NOT REQUIRE HIGH ENERGY EFFICIENCY 82

TABLE 25 IE1: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 82

6.3 IE2 83

6.3.1 REDUCE ENERGY CONSUMPTION IN EQUIPMENT 83

TABLE 26 IE2: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 83

6.4 IE3 83

6.4.1 USED IN HIGH POWER APPLICATIONS 83

TABLE 27 IE3: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 83

6.5 IE4 84

6.5.1 UPGRADE TO IE4 FACILITATES ADDITIONAL ENERGY SAVINGS 84

TABLE 28 IE4: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 84

6.6 IE5 84

6.6.1 IE5 MOTORS OFFER HIGHEST LEVEL OF EFFICIENCY 84

TABLE 29 IE5: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 84

7 ENERGY EFFICIENT MOTOR MARKET, BY INSTALLATION TYPE 85

7.1 INTRODUCTION 86

7.2 OPEN DRIP PROOF (ODP) MOTOR 86

7.2.1 SUITABLE FOR USE IN RELATIVELY CLEAN AND DRY ENVIRONMENTS 86

7.3 TOTALLY ENCLOSED FAN - COOLED (TEFC) MOTOR 86

7.3.1 IDEAL FOR USAGE IN HARSH ENVIRONMENTS 86

8 ENERGY EFFICIENT MOTOR MARKET, BY TYPE 87

8.1 INTRODUCTION 88

FIGURE 36 ENERGY EFFICIENT MOTOR MARKET SHARE, BY TYPE, 2022 88

TABLE 30 ENERGY EFFICIENT MOTOR MARKET, BY TYPE, 2021-2028 (USD MILLION) 88

8.2 AC MOTORS 89

8.2.1 LESS MAINTENANCE REQUIREMENTS AND EFFICIENT PERFORMANCE TO PROPEL ADOPTION OF AC MOTORS 89

TABLE 31 AC MOTORS: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 89

8.3 DC MOTORS 89

8.3.1 PRECISE SPEED CONTROL AND PERFORMANCE EXPECTED TO DRIVE MARKET 89

TABLE 32 DC MOTORS: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 90

9 ENERGY EFFICIENT MOTOR MARKET, BY POWER OUTPUT RATING 91

9.1 INTRODUCTION 92

FIGURE 37 ENERGY EFFICIENT MOTOR MARKET, BY POWER OUTPUT RATING, 2022 92

TABLE 33 ENERGY EFFICIENT MOTOR MARKET, BY POWER OUTPUT RATING, 2021-2028 (USD MILLION) 92

9.2 <1 KW 93

9.2.1 IDEAL FOR RESIDENTIAL AND COMMERCIAL APPLICATIONS 93

TABLE 34 <1 KW: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 93

9.3 1-2.2 KW 93

9.3.1 VERSATILE AND OFFER RELIABILITY IN OPERATIONS 93

TABLE 35 1-2.2 KW: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 93

9.4 2.2-375 KW 94

9.4.1 CAPABLE OF HANDLING HIGHER LOADS AND SUITABLE FOR HEAVY-DUTY APPLICATIONS 94

TABLE 36 2.2-375 KW: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 94

9.5 >375 KW 94

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

9.5.1 IDEAL FOR CRITICAL APPLICATIONS 94

TABLE 37 >375 KW: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 94

10 ENERGY EFFICIENT MOTOR MARKET, BY APPLICATION 95

10.1 INTRODUCTION 96

FIGURE 38 ENERGY EFFICIENT MOTOR MARKET SHARE, 2022 96

TABLE 38 ENERGY EFFICIENT MOTOR MARKET, BY APPLICATION, 2021-2028 (USD MILLION) 96

10.2 HVAC 97

10.2.1 GROWING FOCUS ON REDUCING POWER LOSS IN HVAC SYSTEMS TO PROPEL ADOPTION OF ENERGY-EFFICIENT MOTORS 97

TABLE 39 HVAC: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 97

10.3 PUMPS 97

10.3.1 GROWING DEMAND FOR ENERGY-EFFICIENT MOTORS FROM AGRICULTURE AND INDUSTRIAL SECTORS TO ACCELERATE MARKET GROWTH 97

TABLE 40 PUMPS: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 98

10.4 FANS 98

10.4.1 GROWING ADOPTION OF ENERGY-EFFICIENT MOTOR-BASED FANS IN DEVICES TO AUGMENT MARKET GROWTH 98

TABLE 41 FANS: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 98

10.5 COMPRESSORS 99

10.5.1 RISING ENERGY EFFICIENCY REQUIREMENTS IN INDUSTRIES TO PROPEL ADOPTION OF ENERGY-EFFICIENT MOTORS IN COMPRESSORS 99

TABLE 42 COMPRESSORS: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 99

10.6 REFRIGERATION 99

10.6.1 DEVELOPMENT OF COLD CHAINS TO GENERATE DEMAND FOR ENERGY-EFFICIENT MOTORS 99

TABLE 43 REFRIGERATION: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 100

10.7 MATERIAL HANDLING 100

10.7.1 RISING ADOPTION OF MOBILE ROBOTS IN INDUSTRIES TO PROPEL SEGMENTAL LANDSCAPE 100

TABLE 44 MATERIAL HANDLING: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 100

10.8 MATERIAL PROCESSING 101

10.8.1 INCREASING REPLACEMENT OF OBSOLETE INFRASTRUCTURE IN INDUSTRIES TO TRIGGER DEMAND FOR ENERGY-EFFICIENT MOTORS 101

TABLE 45 MATERIAL PROCESSING: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 101

11 ENERGY EFFICIENT MOTOR MARKET, BY END USER 102

11.1 INTRODUCTION 103

FIGURE 39 ENERGY EFFICIENT MOTOR MARKET SHARE, BY END USER, 2022 103

TABLE 46 ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 103

11.2 INDUSTRIAL 104

11.2.1 NEED TO IMPROVE ENERGY EFFICIENCY, LOWER OPERATING COSTS, AND REDUCE DOWNTIME TO DRIVE ADOPTION OF ENERGY-EFFICIENT MOTORS 104

TABLE 47 INDUSTRIAL: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 104

11.3 COMMERCIAL 104

11.3.1 NEED TO REDUCE MAINTENANCE COSTS TO ACCELERATE ADOPTION OF ENERGY-EFFICIENT MOTORS 104

TABLE 48 COMMERCIAL: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 104

11.4 RESIDENTIAL 105

11.4.1 FOCUS ON REDUCING ENERGY CONSUMPTION AND UTILITY BILLS TO BOOST UPTAKE OF ENERGY-EFFICIENT MOTORS 105

TABLE 49 RESIDENTIAL: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 105

11.5 AUTOMOTIVE 105

11.5.1 GROWING ADOPTION OF ELECTRIC VEHICLES TO GENERATE DEMAND FOR ENERGY-EFFICIENT MOTORS 105

TABLE 50 AUTOMOTIVE: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 105

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

## 11.6 AGRICULTURE 106

### 11.6.1 INCREASING EMPHASIS ON REDUCING OPERATING COSTS IN FARMING TO BOOST CONSUMPTION OF ENERGY-EFFICIENT MOTORS 106

TABLE 51 AGRICULTURE: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 106

## 11.7 AEROSPACE & DEFENSE 106

### 11.7.1 NEED TO IMPROVE FUEL EFFICIENCY, REDUCE EMISSIONS, AND INCREASE SYSTEM RELIABILITY TO DRIVE DEMAND FOR ENERGY-EFFICIENT MOTORS 106

TABLE 52 AEROSPACE & DEFENSE: ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 106

## 12 ENERGY EFFICIENT MOTOR MARKET, BY REGION 107

### 12.1 INTRODUCTION 108

FIGURE 40 ASIA PACIFIC ENERGY EFFICIENT MOTOR MARKET TO REGISTER HIGHEST CAGR FROM 2023 TO 2028 108

FIGURE 41 ENERGY EFFICIENT MOTOR MARKET SHARE, BY REGION, 2022 (%) 109

TABLE 53 ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (USD MILLION) 109

TABLE 54 ENERGY EFFICIENT MOTOR MARKET, BY REGION, 2021-2028 (MILLION UNITS) 109

### 12.2 ASIA PACIFIC 110

FIGURE 42 ASIA PACIFIC: ENERGY EFFICIENT MOTOR MARKET SNAPSHOT 111

#### 12.2.1 ASIA PACIFIC: RECESSION IMPACT 111

#### 12.2.2 BY EFFICIENCY LEVEL 112

TABLE 55 ASIA PACIFIC: ENERGY EFFICIENT MOTOR MARKET, BY EFFICIENCY LEVEL, 2021-2028 (USD MILLION) 112

#### 12.2.3 BY TYPE 112

TABLE 56 ASIA PACIFIC: ENERGY EFFICIENT MOTOR MARKET, BY TYPE, 2021-2028 (USD MILLION) 112

#### 12.2.4 BY POWER OUTPUT RATING 112

TABLE 57 ASIA PACIFIC: ENERGY EFFICIENT MOTOR MARKET, BY POWER OUTPUT RATING, 2021-2028 (USD MILLION) 112

#### 12.2.5 BY END USER 113

TABLE 58 ASIA PACIFIC: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 113

#### 12.2.6 BY APPLICATION 113

TABLE 59 ASIA PACIFIC: ENERGY EFFICIENT MOTOR MARKET, BY APPLICATION, 2021-2028 (USD MILLION) 113

#### 12.2.7 BY COUNTRY 114

TABLE 60 ASIA PACIFIC: ENERGY EFFICIENT MOTOR MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 114

##### 12.2.7.1 China 114

12.2.7.1.1 Government policies to promote energy efficiency and environmental concerns to drive market 114

TABLE 61 CHINA: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 115

##### 12.2.7.2 Australia 115

12.2.7.2.1 National Energy Productivity Plan to support market growth 115

TABLE 62 AUSTRALIA: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 115

##### 12.2.7.3 Japan 116

12.2.7.3.1 Rising focus on carbon neutrality to push market growth 116

TABLE 63 JAPAN: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 116

##### 12.2.7.4 India 116

12.2.7.4.1 Ongoing industrialization to induce demand for energy-efficient motors 116

TABLE 64 INDIA: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 117

##### 12.2.7.5 South Korea 117

12.2.7.5.1 Strategic energy efficiency policies introduced by government to drive market 117

TABLE 65 SOUTH KOREA: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 117

##### 12.2.7.6 Rest of Asia Pacific 118

TABLE 66 REST OF ASIA PACIFIC: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 118

### 12.3 NORTH AMERICA 118

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

12.3.1 NORTH AMERICA: RECESSION IMPACT 119

FIGURE 43 NORTH AMERICA: ENERGY EFFICIENT MOTOR MARKET SNAPSHOT 119

12.3.2 BY EFFICIENCY LEVEL 120

TABLE 67 NORTH AMERICA: ENERGY EFFICIENT MOTOR MARKET, BY EFFICIENCY LEVEL, 2021-2028 (USD MILLION) 120

12.3.3 BY TYPE 120

TABLE 68 NORTH AMERICA: ENERGY EFFICIENT MOTOR MARKET, BY TYPE, 2021-2028 (USD MILLION) 120

12.3.4 BY POWER OUTPUT RATING 120

TABLE 69 NORTH AMERICA: ENERGY EFFICIENT MOTOR MARKET, BY POWER OUTPUT RATING, 2021-2028 (USD MILLION) 120

12.3.5 BY END USER 121

TABLE 70 NORTH AMERICA: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 121

12.3.6 BY APPLICATION 121

TABLE 71 NORTH AMERICA: ENERGY EFFICIENT MOTOR MARKET, BY APPLICATION, 2021-2028 (USD MILLION) 121

12.3.7 BY COUNTRY 122

TABLE 72 NORTH AMERICA: ENERGY EFFICIENT MOTOR MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 122

12.3.7.1 US 122

12.3.7.1.1 Energy efficiency standards and regulation across sectors to boost market 122

TABLE 73 US: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 122

12.3.7.2 Canada 123

12.3.7.2.1 Stringent energy efficiency regulations and growing automotive sector to fuel market growth 123

TABLE 74 CANADA: ENERGY EFFICIENT MOTOR MARKET, BY END USER 2021-2028 (USD MILLION) 123

12.3.7.3 Mexico 123

12.3.7.3.1 Energy efficiency programs under NAMA to accelerate market growth 123

TABLE 75 MEXICO: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 124

12.4 EUROPE 124

FIGURE 44 EUROPE: ENERGY EFFICIENT MOTOR MARKET SNAPSHOT 125

12.4.1 EUROPE: RECESSION IMPACT 125

12.4.2 BY EFFICIENCY LEVEL 126

TABLE 76 EUROPE: ENERGY EFFICIENT MOTOR MARKET, BY EFFICIENCY LEVEL, 2021-2028 (USD MILLION) 126

12.4.3 BY POWER OUTPUT RATING 126

TABLE 77 EUROPE: ENERGY EFFICIENT MOTOR MARKET, BY POWER OUTPUT RATING, 2021-2028 (USD MILLION) 126

12.4.4 BY TYPE 126

TABLE 78 EUROPE: ENERGY EFFICIENT MOTOR MARKET, BY TYPE, 2021-2028 (USD MILLION) 126

12.4.5 BY APPLICATION 127

TABLE 79 EUROPE: ENERGY EFFICIENT MOTOR MARKET, BY APPLICATION, 2021-2028 (USD MILLION) 127

12.4.6 BY END USER 127

TABLE 80 EUROPE: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 127

12.4.7 BY COUNTRY 128

TABLE 81 EUROPE: ENERGY EFFICIENT MOTOR MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 128

12.4.7.1 UK 128

12.4.7.1.1 Expanding aerospace & defense industry to drive market 128

TABLE 82 UK: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 129

12.4.7.2 Germany 129

12.4.7.2.1 Flourishing industrial sector and emission reduction targets to bolster adoption of energy-efficient motors 129

TABLE 83 GERMANY: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 129

12.4.7.3 France 130

12.4.7.3.1 Decarbonization policies to propel adoption of energy-efficient motors 130

TABLE 84 FRANCE: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 130

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

12.4.7.4 Italy 130

12.4.7.4.1 Rising electric vehicle adoption to create demand for energy-efficient motors 130

TABLE 85 ITALY: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 131

12.4.7.5 Spain 131

12.4.7.5.1 Growing energy efficiency targets to propel market 131

TABLE 86 SPAIN: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 132

12.4.7.6 Poland 132

12.4.7.6.1 Growing investments in industrial sector to create demand for energy-efficient motors 132

TABLE 87 POLAND: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 132

12.4.7.7 Rest of Europe 133

TABLE 88 REST OF EUROPE: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 133

12.5 MIDDLE EAST & AFRICA 134

12.5.1 MIDDLE EAST & AFRICA: RECESSION IMPACT 134

12.5.2 BY EFFICIENCY LEVEL 134

TABLE 89 MIDDLE EAST & AFRICA: ENERGY EFFICIENT MOTOR MARKET, BY EFFICIENCY LEVEL, 2021-2028 (USD MILLION) 134

12.5.3 BY TYPE 135

TABLE 90 MIDDLE EAST & AFRICA: ENERGY EFFICIENT MOTOR MARKET, BY TYPE, 2021-2028 (USD MILLION) 135

12.5.4 BY POWER OUTPUT RATING 135

TABLE 91 MIDDLE EAST & AFRICA: ENERGY EFFICIENT MOTOR MARKET, BY POWER OUTPUT RATING, 2021-2028 (USD MILLION) 135

12.5.5 BY END USER 135

TABLE 92 MIDDLE EAST & AFRICA: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 135

12.5.6 BY APPLICATION 136

TABLE 93 MIDDLE EAST & AFRICA: ENERGY EFFICIENT MOTOR MARKET, BY APPLICATION, 2021-2028 (USD MILLION) 136

12.5.7 BY COUNTRY 136

TABLE 94 MIDDLE EAST & AFRICA: ENERGY EFFICIENT MOTOR MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 136

12.5.7.1 Saudi Arabia 137

12.5.7.1.1 Government energy efficiency programs to augment market growth 137

TABLE 95 SAUDI ARABIA: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 137

12.5.7.2 UAE 137

12.5.7.2.1 Increasing energy consumption and need to achieve net-zero targets to foster market growth 137

TABLE 96 UAE: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 138

12.5.7.3 Turkey 138

12.5.7.3.1 Growing initiatives to improve energy efficiency in various sectors to bolster market growth 138

TABLE 97 TURKEY: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 138

12.5.7.4 South Africa 139

12.5.7.4.1 Supportive energy efficiency regulations to favor market expansion 139

TABLE 98 SOUTH AFRICA: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 139

12.5.7.5 Egypt 139

12.5.7.5.1 Government initiatives to improve industrial energy efficiency to fuel market growth 139

TABLE 99 EGYPT: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 140

12.5.7.6 Qatar 140

12.5.7.6.1 Energy efficiency and conservation programs to encourage market growth 140

TABLE 100 QATAR: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 140

12.5.7.7 Israel 141

12.5.7.7.1 Energy efficiency labeling mandates and net-zero targets in various sectors to induce demand for energy-efficient motors 141

TABLE 101 ISRAEL: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION) 141

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

12.5.7.8	Rest of Middle East & Africa	141
TABLE 102	REST OF MIDDLE EAST & AFRICA: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION)	141
12.6	SOUTH AMERICA	142
12.6.1	SOUTH AMERICA: RECESSION IMPACT	142
12.6.2	BY EFFICIENCY LEVEL	142
TABLE 103	SOUTH AMERICA: ENERGY EFFICIENT MOTOR MARKET, BY EFFICIENCY LEVEL, 2021-2028 (USD MILLION)	142
12.6.3	BY POWER OUTPUT RATING	143
TABLE 104	SOUTH AMERICA: ENERGY EFFICIENT MOTOR MARKET, BY POWER OUTPUT RATING, 2021-2028 (USD MILLION)	143
12.6.4	BY TYPE	143
TABLE 105	SOUTH AMERICA: ENERGY EFFICIENT MOTOR MARKET, BY TYPE, 2021-2028 (USD MILLION)	143
12.6.5	BY APPLICATION	143
TABLE 106	SOUTH AMERICA: ENERGY EFFICIENT MOTOR MARKET, BY APPLICATION, 2021-2028 (USD MILLION)	143
12.6.6	BY END USER	144
TABLE 107	SOUTH AMERICA: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION)	144
12.6.7	BY COUNTRY	144
TABLE 108	SOUTH AMERICA: ENERGY EFFICIENT MOTOR MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	144
12.6.7.1	Brazil	144
12.6.7.1.1	Growing aerospace & defense industry to drive market	144
TABLE 109	BRAZIL: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION)	145
12.6.7.2	Argentina	145
12.6.7.2.1	Rising production of electronic equipment to propel market landscape	145
TABLE 110	ARGENTINA: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION)	146
12.6.7.3	Chile	146
12.6.7.3.1	Flourishing industrial sector to accelerate market growth	146
TABLE 111	CHILE: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION)	147
12.6.7.4	Rest of South America	147
TABLE 112	REST OF SOUTH AMERICA: ENERGY EFFICIENT MOTOR MARKET, BY END USER, 2021-2028 (USD MILLION)	147
13	COMPETITIVE LANDSCAPE	148
13.1	KEY PLAYER STRATEGIES	148
TABLE 113	OVERVIEW OF STRATEGIES ADOPTED BY KEY MANUFACTURERS OF ENERGY-EFFICIENT MOTORS	148
13.2	MARKET SHARE ANALYSIS OF TOP FIVE PLAYERS, 2021	149
FIGURE 45	MARKET SHARE ANALYSIS OF TOP FIVE PLAYERS IN ENERGY EFFICIENT MOTOR MARKET, 2021	149
TABLE 114	ENERGY EFFICIENT MOTOR MARKET: DEGREE OF COMPETITION	149
13.3	ENERGY EFFICIENT MOTOR MARKET SHARE ANALYSIS, 2021	150
FIGURE 46	ENERGY EFFICIENT MOTOR MARKET SHARE ANALYSIS, 2021	150
13.4	FIVE-YEAR COMPANY REVENUE ANALYSIS	151
FIGURE 47	REVENUE ANALYSIS OF TOP FIVE PLAYERS IN ENERGY EFFICIENT MOTOR MARKET FROM 2017 TO 2021	151
13.5	COMPANY EVALUATION QUADRANT	152
13.5.1	STARS	152
13.5.2	PERVASIVE PLAYERS	152
13.5.3	EMERGING LEADERS	152
13.5.4	PARTICIPANTS	152
FIGURE 48	ENERGY EFFICIENT MOTOR MARKET (GLOBAL): KEY COMPANY EVALUATION QUADRANT, 2021	153
13.6	START-UPS/SMES EVALUATION QUADRANT	153
13.6.1	PROGRESSIVE COMPANIES	153
13.6.2	RESPONSIVE COMPANIES	154
13.6.3	DYNAMIC COMPANIES	154

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

### 13.6.4 STARTING BLOCKS 154

FIGURE 49 ENERGY EFFICIENT MOTOR MARKET: START-UPS/SMES EVALUATION QUADRANT, 2021 154

### 13.7 COMPETITIVE BENCHMARKING 155

TABLE 115 ENERGY EFFICIENT MOTOR MARKET: DETAILED LIST OF KEY START-UPS/SMES 155

TABLE 116 ENERGY EFFICIENT MOTOR MARKET: COMPETITIVE BENCHMARKING OF KEY START-UPS/SMES 155

### 13.8 ENERGY EFFICIENT MOTOR MARKET: COMPANY FOOTPRINT 157

TABLE 117 POWER OUTPUT RATING: COMPANY FOOTPRINT 157

TABLE 118 EFFICIENCY LEVEL: COMPANY FOOTPRINT 158

TABLE 119 APPLICATION: COMPANY FOOTPRINT 159

TABLE 120 REGION: COMPANY FOOTPRINT 160

TABLE 121 COMPANY FOOTPRINT 161

### 13.9 COMPETITIVE SCENARIOS AND TRENDS 162

TABLE 122 ENERGY EFFICIENT MOTOR MARKET: PRODUCT LAUNCHES, NOVEMBER 2020-MAY 2022 162

TABLE 123 ENERGY EFFICIENT MOTOR MARKET: DEALS, JULY 2019-OCTOBER 2022 162

TABLE 124 ENERGY EFFICIENT MOTOR MARKET: OTHERS, JULY 2021-FEBRUARY 2022 163

### 14 COMPANY PROFILES 164

#### 14.1 KEY PLAYERS 164

(Business Overview, Products/Solutions offered, Recent Developments, MnM View)\*

##### 14.1.1 ABB 164

TABLE 125 ABB: COMPANY OVERVIEW 164

FIGURE 50 ABB: COMPANY SNAPSHOT 165

TABLE 126 ABB: PRODUCTS/SOLUTIONS OFFERED 165

TABLE 127 ABB: PRODUCT LAUNCHES 166

TABLE 128 ABB: DEALS 167

TABLE 129 ABB: OTHERS 167

?

##### 14.1.2 SIEMENS 169

TABLE 130 SIEMENS: COMPANY OVERVIEW 169

FIGURE 51 SIEMENS: COMPANY SNAPSHOT 170

TABLE 131 SIEMENS: PRODUCTS/SOLUTIONS OFFERED 170

TABLE 132 SIEMENS: PRODUCT LAUNCHES 171

TABLE 133 SIEMENS: DEALS 171

TABLE 134 SIEMENS: OTHERS 172

##### 14.1.3 WEG 173

TABLE 135 WEG: COMPANY OVERVIEW 173

FIGURE 52 WEG: COMPANY SNAPSHOT 174

TABLE 136 WEG: PRODUCTS/SOLUTIONS OFFERED 174

TABLE 137 WEG: PRODUCT LAUNCHES 175

TABLE 138 WEG: DEALS 175

TABLE 139 WEG: OTHERS 176

##### 14.1.4 WOLONG ELECTRIC GROUP CO., LTD 177

TABLE 140 WOLONG ELECTRIC GROUP CO., LTD: COMPANY OVERVIEW 177

TABLE 141 WOLONG ELECTRIC GROUP CO., LTD: PRODUCTS/SOLUTIONS OFFERED 177

TABLE 142 WOLONG ELECTRIC GROUP CO., LTD: OTHERS 179

##### 14.1.5 NIDEC CORPORATION 180

TABLE 143 NIDEC CORPORATION: COMPANY OVERVIEW 180

FIGURE 53 NIDEC CORPORATION: COMPANY SNAPSHOT 181

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

TABLE 144 NIDEC CORPORATION: PRODUCTS/SOLUTIONS OFFERED 181

TABLE 145 NIDEC CORPORATION: PRODUCT LAUNCHES 182

TABLE 146 NIDEC CORPORATION: OTHERS 182

14.1.6 ROCKWELL AUTOMATION 184

TABLE 147 ROCKWELL AUTOMATION: COMPANY OVERVIEW 184

FIGURE 54 ROCKWELL AUTOMATION: COMPANY SNAPSHOT 185

TABLE 148 ROCKWELL AUTOMATION: PRODUCTS/SOLUTIONS OFFERED 185

14.1.7 CG POWER AND INDUSTRIAL SOLUTIONS LTD. 186

TABLE 149 CG POWER AND INDUSTRIAL SOLUTIONS LTD.: COMPANY OVERVIEW 186

FIGURE 55 CG POWER AND INDUSTRIAL SOLUTIONS LTD.: COMPANY SNAPSHOT 187

TABLE 150 CG POWER AND INDUSTRIAL SOLUTIONS LTD.: PRODUCTS/SOLUTIONS OFFERED 187

14.1.8 REGAL REXNORD CORPORATION 188

TABLE 151 REGAL REXNORD CORPORATION: COMPANY OVERVIEW 188

FIGURE 56 REGAL REXNORD CORPORATION: COMPANY SNAPSHOT 189

TABLE 152 REGAL REXNORD CORPORATION: PRODUCTS/SOLUTIONS OFFERED 189

14.1.9 TOSHIBA CORPORATION 191

TABLE 153 TOSHIBA CORPORATION: COMPANY OVERVIEW 191

FIGURE 57 TOSHIBA CORPORATION: COMPANY SNAPSHOT 192

TABLE 154 TOSHIBA CORPORATION: PRODUCTS/SOLUTIONS OFFERED 192

?

14.1.10 BHARAT BIJLEE 193

TABLE 155 BHARAT BIJLEE: BUSINESS OVERVIEW 193

FIGURE 58 BHARAT BIJLEE: COMPANY SNAPSHOT, 2021 194

TABLE 156 BHARAT BIJLEE: PRODUCTS/SOLUTIONS OFFERED 194

TABLE 157 BHARAT BIJLEE: PRODUCT LAUNCHES 195

TABLE 158 BHARAT BIJLEE: OTHERS 195

14.1.11 KIRLOSKAR ELECTRIC 196

TABLE 159 KIRLOSKAR ELECTRIC: COMPANY OVERVIEW 196

FIGURE 59 KIRLOSKAR ELECTRIC: COMPANY SNAPSHOT 196

TABLE 160 KIRLOSKAR ELECTRIC: PRODUCTS/SOLUTIONS OFFERED 197

14.1.12 HOYER MOTORS 198

TABLE 161 HOYER MOTORS: COMPANY OVERVIEW 198

TABLE 162 HOYER MOTORS: PRODUCTS/SOLUTIONS OFFERED 198

14.1.13 OME MOTORS 200

TABLE 163 OME MOTORS: COMPANY OVERVIEW 200

TABLE 164 OME MOTORS: PRODUCTS/SOLUTIONS OFFERED 200

14.1.14 EC FANS AND DRIVES 201

TABLE 165 EC FANS AND DRIVES: COMPANY OVERVIEW 201

TABLE 166 EC FANS AND DRIVES: PRODUCTS/SOLUTIONS OFFERED 201

14.1.15 INTEGRATED ELECTRIC CO., PVT. LTD. 202

TABLE 167 INTEGRATED ELECTRIC CO., PVT. LTD.: COMPANY OVERVIEW 202

TABLE 168 INTEGRATED ELECTRIC CO., PVT. LTD.: PRODUCTS/SOLUTIONS OFFERED 202

14.1.16 HAVELLS 203

14.1.17 MITSUBISHI ELECTRIC 203

14.1.18 ELEKTRIM MOTORS 204

14.1.19 SHANGHAI TOP MOTOR CO., LTD. 205

14.1.20 MENZEL ELEKTROMOTOREN GMBH 205

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

\*Details on Business Overview, Products/Solutions offered, Recent Developments, MnM View might not be captured in case of unlisted companies.

14.2 OTHER PLAYERS 206

15 APPENDIX 207

15.1 INSIGHTS FROM INDUSTRY EXPERTS 207

15.2 DISCUSSION GUIDE 207

15.3 KNOWLEDGESTORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL 211

15.4 CUSTOMIZATION OPTIONS 213

15.5 RELATED REPORTS 213

15.6 AUTHOR DETAILS 214

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

**Energy Efficient Motor Market by Efficiency Level (IE1, IE2, IE3, IE4, and IE5),  
Type(AC, DC), Power Output Rating (< 1 kW, 1 - 2.2 kW, 2.2 - 375 kW, and > 375  
kW), Application (HVAC, Fans, Pumps, Compressors), End User Region - Global  
Forecast to 2028**

Market Report | 2023-03-09 | 215 pages | MarketsandMarkets

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

**ORDER FORM:**

Select license	License	Price
	Single User	\$4950.00
	Multi User	\$6650.00
	Corporate License	\$8150.00
	Enterprise Site License	\$10000.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Zip Code\*

Country\*

Date

2026-03-10

Signature

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com