



IHS MARKIT TECHNOLOGY INTELLIGENCE SERVICE

Motion Control - Annual

Comprehensive tracking, analysis and forecasts on the motion controls market.

COVERAGE

- 8 motion control product types
- 20 industry sectors
- 5-year Forecast
- Revenues
- Shipments
- ASPs
- Market shares
- Key trend analysis

Flagship Product

Comprehensive report and accompanying database, updated once per service year.

Analyst Insights

Client-exclusive commentary on developments throughout the year.

Market Briefs

Studies addressing key trends throughout the year.

Analyst Access

For prompt responses to urgent and unique questions

Clients of this service will receive:

Motion Control Report (flagship product) – Updated once per service year, this report provides detailed, up-to-date qualitative and quantitative analysis of this market. Comprehensive global, regional and country level market sizes are presented, with 5-year forecasts, allowing key opportunities to be identified. Additional segmentations include information on which application these products are used in, and the key trends affecting the motion controls market.

This report also provides regional market share tables, presented with the product-level and regional level-share tables to provide unparalleled insight.

Market Briefs – Three additional studies provide analysis throughout the year on larger industry trends and developments impacting the market. Market briefs are approximately 15-20 pages.

Analyst Insights – These blog-style entries provide exclusive commentary on industry events or other developments throughout the year.

Research Coverage

| Products Covered | Sales Channel |
|---|---|
| GMC Servo Motors GMC Servo Drives GMC Position Control Hardware GMC Software & Services CNC Servo Motors CNC Servo Drives CNCs CNC Software & Services | Direct to Machine Builder Direct to End-user Direct to Systems Integrator Via Distribution |

Industry Sector – GMC Servo Motors, GMC Servo Drives, GMC Position Control Hardware, CNC Products

| Discrete Industries | Process Industries |
|--|--|
| Electronics & Electronics Assembly Food, Beverage & Tobacco Machinery Machine Tools - Metal Cutting Machine Tools - Metal Forming Materials Handling Machinery Material Transformation Machinery Medical & Scientific Equipment Packaging & Labeling Machinery Paper & Paperboard Machinery Printing Machinery PV Manufacturing Equipment Robotics | Rubber & Plastics Machinery Semiconductor Machinery Textile Machinery Woodworking Machinery Other Discrete Industries Power Generation - Renewable Other Process Industries Other Industries |

Region – GMC Servo Motors, GMC Servo Drives, GMC Position Control Hardware, CNC Products

| EMEA | Americas | Asia Pacific | Japan |
|---|---|---|---|
| Africa Austria & Switzerland Benelux Central & Eastern Europe France Germany Italy | Middle East Nordic Countries Poland Russian Fed. & CIS Spain & Portugal Turkey UK & Ireland | Brazil Canada Mexico United States Rest of Americas | China India Oceania South Korea Taiwan Rest of Asia Japan |

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About IHS Markit

IHS Markit (Nasdaq: INFO) is a world leader in critical information, analytics and solutions for the major industries and markets that drive economies worldwide. The company delivers next-generation information, analytics and solutions to customers in business, finance and government, improving their operational efficiency and providing deep insights that lead to well-informed, confident decisions. IHS Markit has more than 50,000 key business and government customers, including 85 percent of the Fortune Global 500 and the world's leading financial institutions. Headquartered in London, IHS Markit is committed to sustainable, profitable growth.

Technical Data – Servo Motors

| Motor Type | Continuous Torque | Feedback Device Capability | Level of Customization |
|-----------------------------|-------------------------------|----------------------------|------------------------|
| AC Induction Servo | <0.2Nm (<1.8lb-in) | Resolver | Standard Part |
| AC Brushless Servo | 0.2 - 2Nm (1.8 - 18lb-in) | Incremental | Customized Product |
| DC Brushed Servo | 2.1 - 5Nm (19 - 45lb-in) | Single-turn Absolute | |
| Direct Drive Servo (Torque) | 5.1 - 8Nm (46 - 70lb-in) | Multi-turn Absolute | |
| Drive Integrated Servo | 8.1 - 15Nm (71 - 132lb-in) | | |
| Linear Servo | 15.1 - 25Nm (133 - 220lb-in) | | |
| | 25.1 - 100Nm (221 - 890lb-in) | | |
| | >100Nm (>890lb-in) | | |

Technical Data – Servo Drives

| Voltage | Power | Level of Integrated Intelligence | Level of Input Current | Networking |
|-------------|-------------|--|------------------------|------------|
| <100V | 0 - 49W | Drive Only (None) with P/D or Analog Input | AC Input | Fieldbus |
| 100V - 120V | 50 - 100W | | DC (via common bus) | Ethernet |
| 200V - 240V | 101 - 400W | Drive Only (None) with Networking | | |
| 380V - 500V | 401 - 1kW | Drive + Position Control (PC) with P/D or Analog Input | | |
| 525V - 600V | 1.1 - 3.7kW | Drive + Position Control (PC) with Networking | | |
| > 690V | 3.8 - 7.5kW | Drive + PC + Sequential (PLC) | | |
| | 7.6 - 20kW | | | |
| | 21 - 55kW | | | |
| | 56 - 75kW | | | |
| | >75kW | | | |

Technical Data – Position Control Hardware

| Type | Networking |
|--------------------|------------|
| PLC-based Module | Fieldbus |
| Stand Alone Unit | Ethernet |
| PC-based Module | |
| Drive-based Module | |
| CNCs | |

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