



## 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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