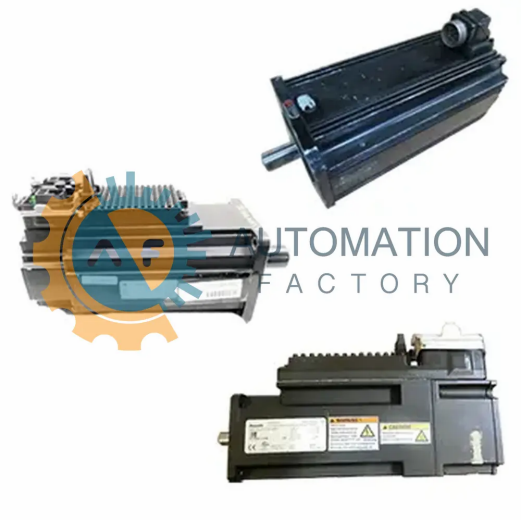
Bosch Rexroth Indramat — KSM Motor Integrated Servo Drives

KSM01.2B-071C-25N-M1-HP0-SE-NN-D7-NN-FW



Call For Quote

- ☑ Get a Quote in 5 minutes
- ☑ Parts ship in as little as 24 hours
- ☑ Up to half the cost of the manufacturer

Secure Online Checkout

Free Ground Shipping

One Year Warranty

The **KSM01.2B-071C-25N-M1-HP0-SE-NN-D7-NN-FW** belongs to the KSM Motor Integrated Servo Drives series manufactured by Bosch Rexroth Indramat. As a motor-integrated servo drive, it combines a servomotor, power electronics, and a fieldbus interface in one housing, allowing motion axes to be mounted directly on machinery without a separate cabinet-mounted drive. This arrangement shortens encoder, power, and feedback wiring in distributed automation systems. The integrated design also provides closed-loop control for packaging stations, pick-and-place gantries, and light material-handling equipment.

This model operates from a bus link rated at **750 V DC**, allowing it to share a common high-energy supply with other drives on the line. Motion commands and diagnostic data are exchanged over the real-time **SERCOS 2 (RS-422)** network, whose deterministic communication supports synchronized multi-axis positioning. Rotor position is captured through a **Hiperface interface**, and the optical scanning system provides **128 signal periods** per revolution. The **multi-turn absolute encoder** tracks shaft position across multiple complete rotations, allowing position information to remain available after a power interruption. These feedback capabilities help the controller regulate position, speed, and torque during coordinated machine cycles. The unit uses the basic performance level for standard decentralized motion tasks.

Power, signal, and communication channels are routed through a single **hybrid connector**, simplifying cable routing and providing keyed alignment during installation. Heat is removed by **natural convection**, so adequate free airflow must be maintained around the housing. A shaft seal protects the shaft opening, while a **shaft with a**

Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.

© 2026 Automation Factory. All rights reserved.

keyway transfers torque through a positive mechanical connection to a compatible coupling. The motor has a frame size of **071** and a length code of C, providing moderate housing depth for installations with limited mounting space. The unit is supplied without a holding brake, so an external brake or another holding method is required when a stationary load must remain secured after drive power is removed. It uses the standard design option and does not include integrated safety functions, so any required machine safety functions must be provided separately.

Specifications

Connection Type:	Hybrid Connector	**Cooling Type:**	Natural convection	**Design Option:**	Standard
Design Version:	2	**Encoder Interface:**	Hiperface	**Encoder Resolution:**	128 signal periods
Encoder Technology:	Optical	**Encoder Turn Type:**	Multi-turn absolute	**Holding Brake:**	Without holding brake
Master Communication Protocol:	SERCOS 2 (RS422)	**Motor Length:**	C	**Motor Size:**	071
Performance Level:	Basic	**Product Type:**	Motor-Integrated Servo Drive	**Safety Technology:**	Without safety technology
Series:	1	**Shaft Seal:**	Yes	**Shaft Type:**	Shaft with keyway
Supply Voltage:	DC 750 V	**Last Verified:**	11/09/2026 5:13 AM		

Contact Us

1620 Old Apex Road, Cary, NC 27513, USA

Toll Free: 1-888-551-3082

International: 1-919-443-0207

Fax: 1-919-867-6204

Email: sales@wakeindustrial.com

Shipping Options

DHL FedEx UPS

Payment Methods

American Express MasterCard VISA Wire Transfer

Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.

© 2026 Automation Factory. All rights reserved.