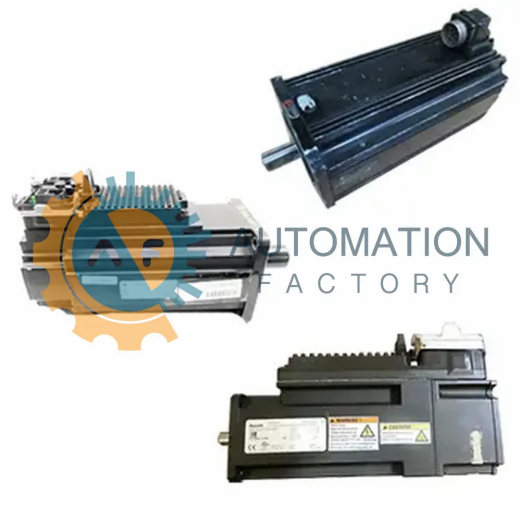
Bosch Rexroth Indramat — KSM Motor Integrated Servo Drives

KSM02.1B-061C-61N-M1-HG2-ET-S3-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 **KSM02.1B-061C-61N-M1-HG2-ET-S3-D7-NN-FW** is a motor-integrated servo drive produced by Bosch Rexroth Indramat within the KSM Motor Integrated Servo Drives series. By combining a motor, power electronics, and control logic in one housing, the device supports decentralized motion axes in packaging machines, material-handling gantries, and other automated cells. It is a Series 2 unit with a basic performance level. The motor uses a plain shaft with an internal shaft seal that helps prevent lubricant leakage and contaminant entry.

The drive operates from a bus supply of **DC 750 V**, allowing it to connect directly to a common DC link that supplies multiple axes. Power, control, and safety signals are carried through a single **hybrid connector**, which reduces cabinet wiring and simplifies installation. Heat is removed by **natural convection**, so the unit does not require fans or liquid cooling circuits. Position data is captured through a **Hiperface optical encoder** that provides **128 signal periods** per revolution, supporting precise velocity and position loops. The encoder has **multi-turn absolute feedback**, allowing it to retain position information after a loss of power. The motor has a frame size of 061, a length code of C, and a winding code of 61 for light-to-medium-duty motion axes.

An electrically released brake holds the rotor while the axis is stationary and uses **DC 24 V** to disengage during motion. Control networking is handled by **Multi-Ethernet**, allowing the unit to communicate over EtherNet/IP, PROFINET, or EtherCAT without a separate communication module. Integrated **Safe Motion without SBC** provides drive-based safety functions, including safe torque off and monitored motion capabilities. The drive uses the standard mechanical option and design version 1. Its decentralized arrangement places motion control close to the

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.

driven axis, reducing long motor cable runs between the control cabinet and the machine.

Specifications

Connection Type:	Hybrid Connector	**Cooling Type:**	Natural convection	**Design Option:**	Standard
Design Version:	1	**Encoder Interface:**	Hiperface	**Encoder Resolution:**	128 signal periods
Encoder Technology:	Optical	**Encoder Turn Type:**	Multi-turn absolute	**Holding Brake:**	Electrically Released
Holding Brake Voltage:	DC 24 V	**Master Communication Protocol:**	Multi-Ethernet	**Motor Length:**	C
Motor Size:	061	**Performance Level:**	Basic	**Product Type:**	Motor-Integrated Servo Drive
Safety Technology:	Safe Motion (without SBC)	**Series:**	2	**Shaft Seal:**	Yes
Shaft Type:	Plain shaft	**Supply Voltage:**	DC 750 V	**Winding Code:**	61
Last Verified:	11/08/2026 9:09 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 · Freight

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.