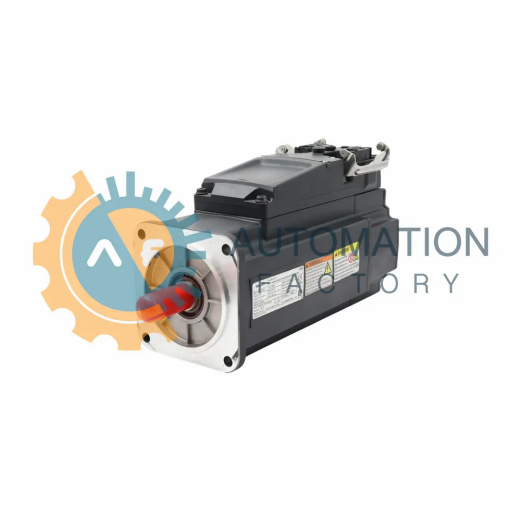
Bosch Rexroth Indramat — KSM Motor Integrated Servo Drives

KSM02.1B-061C-35N-M3-HG0-ET-NN-D7-NN-FW



In-Stock, Ships Today

- ☑ 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-35N-M3-HG0-ET-NN-D7-NN-FW** is a motor-integrated servo drive produced by Bosch Rexroth Indramat within the KSM Motor Integrated Servo Drives series. It combines a synchronous motor, power electronics, and a fieldbus interface in one enclosure. This arrangement places closed-loop axis control directly on moving gantries, rotary tables, or conveyor segments without requiring separate drive cabinets. The integrated design also reduces the amount of wiring between the motor and external control equipment.

This unit draws its intermediate-circuit power from a **750 V DC** bus and exchanges real-time commands through a **Multi-Ethernet interface** that supports several industrial protocols. A single **hybrid connector** carries DC power, communication, and safety signals, simplifying installation and cable routing. Heat generated by the drive stage is removed through **natural convection**, so no cooling fans are required. Feedback from the motor is delivered over the **Hiperface serial link**, which provides position data to compatible Rexroth controllers. The device uses the standard design option and carries design version 1. It is part of Series 2 and has a basic performance level. The motor has winding code 35 and frame length C. It operates without a holding brake, so an external mechanism must secure loads that require power-off position retention. The unit does not include integrated safety technology, so safety functions must be handled by external circuits.

Rotor position feedback is generated with **16 signal periods** by a **capacitive sensor** configured as a **multi-turn absolute encoder**. This encoder retains shaft-position information across multiple revolutions, allowing the controller to recover the axis position after a power interruption without performing a homing cycle. The drive uses

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.

a compact **061 frame** that supports installation where available machine space is limited. Its plain shaft provides a direct mechanical interface for compatible gearheads, clamping couplings, or timing pulleys. A shaft seal helps prevent lubricant, coolant, and other contaminants from reaching the internal bearing area. The sealed shaft interface is useful in machinery where the motor is installed near moving components or process equipment.

Specifications

Connection Type:	Hybrid Connector	**Cooling Type:**	Natural convection	**Design Option:**	Standard
Design Version:	1	**Encoder Interface:**	Hiperface	**Encoder Resolution:**	16 signal periods
Encoder Technology:	Capacitive	**Encoder Turn Type:**	Multi-turn absolute	**Holding Brake:**	Without holding brake
Master Communication Protocol:	Multi-Ethernet	**Motor Length:**	C	**Motor Size:**	061
Performance Level:	Basic	**Product Type:**	Motor-Integrated Servo Drive	**Safety Technology:**	Without safety technology
Series:	2	**Shaft Seal:**	Yes	**Shaft Type:**	Plain shaft
Supply Voltage:	DC 750 V	**Winding Code:**	35	**Last Verified:**	11/09/2026 11:38 PM

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.