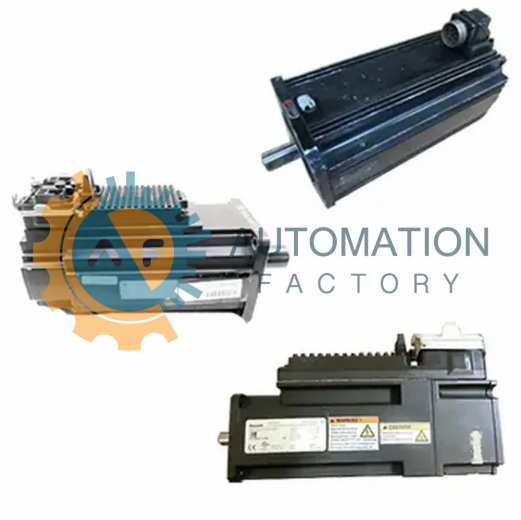
Bosch Rexroth Indramat — KSM Motor Integrated Servo Drives

KSM02.1B-061C-35N-M1-HG2-ET-SD-D7-TO-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-35N-M1-HG2-ET-SD-D7-TO-FW** is a motor-integrated servo drive manufactured by Bosch Rexroth Indramat for the KSM Motor Integrated Servo Drives series. It combines a synchronous motor, power stage, and feedback electronics in one enclosure, allowing the device to be mounted directly on an axis without a separate control cabinet inverter. In distributed automation lines, the drive receives network commands and produces precise torque, speed, and position responses for packaging, conveying, and material-handling tasks. This integrated arrangement also reduces the number of individual power and feedback connections routed between the machine and its control enclosure.

Power is supplied by a shared bus rated at **DC 750 V**, providing sufficient voltage for rapid acceleration while minimizing cable runs. Power, signal, and safety conductors terminate in a single **hybrid connector**, simplifying series wiring across multiple drives. Heat from the internal electronics is removed through **natural convection**, eliminating the need for cooling fans. Rotor position is reported through a **Hiperface interface** that works with an optical encoder offering **128 signal periods** per revolution. The multi-turn absolute encoder retains revolution data when DC power is absent. The unit is Version 1 and uses motor size 061, length C, and winding code 35. It provides the Basic performance level and belongs to Series 2.

The integrated brake is **electrically released** and clamps the shaft automatically whenever control power is lost. Its release voltage is **DC 24 V**. Functional safety is handled internally by **Safe Motion with SBC**, allowing the drive to enter safe torque states without additional safety hardware. Motion commands and diagnostic data pass through

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 single **Multi-Ethernet interface**, which also supports daisy-chain connections for additional axes. A plain shaft transmits torque through friction couplings without requiring a keyway. The installed shaft seal helps prevent lubricants and contaminants from entering the motor housing and reaching the optical encoder.

Specifications

Connection Type:	Hybrid Connector	**Cooling Type:**	Natural convection	**Design Option:**	Multi-Ethernet output coupling
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 (with SBC)	**Series:**	2	**Shaft Seal:**	Yes
Shaft Type:	Plain shaft	**Supply Voltage:**	DC 750 V	**Winding Code:**	35
Last Verified:	11/09/2026 5:44 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.