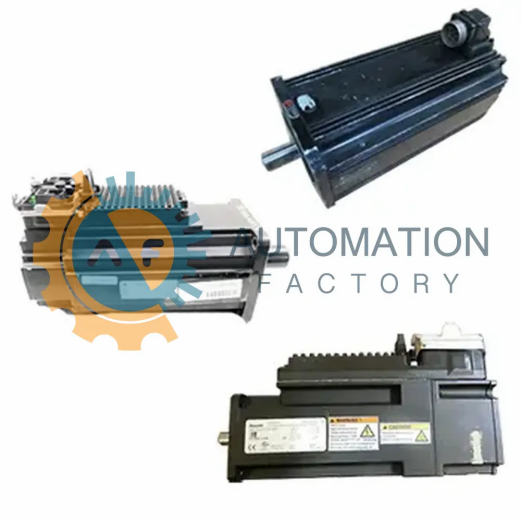
Bosch Rexroth Indramat — KSM Motor Integrated Servo Drives

# KSM02.1B-076C-35N-M1-HG2-ET-SD-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-076C-35N-M1-HG2-ET-SD-D7-NN-FW** is a motor-integrated servo drive produced by Bosch Rexroth Indramat for the KSM Motor Integrated Servo Drives series. By combining an AC synchronous motor with embedded inverter electronics and network connectivity, it provides decentralized motion control directly on the machine frame. The assembly regulates position, speed, and torque in automated packaging, assembly, and material-handling equipment without requiring a separate cabinet-mounted amplifier, which reduces wiring and conserves control-cabinet space.

Power enters the unit through a **hybrid connector** that carries the DC bus, control power, and communication lines in one sealed coupling. Thermal energy dissipates through **natural convection**, so no fans or liquid-cooling circuits are required when free airflow surrounds the housing. Real-time setpoints and diagnostic data travel over **Multi-Ethernet**, allowing the system to use protocols such as PROFINET, EtherNet/IP, or EtherCAT after setup. Rotor feedback is handled through a **Hiperface interface**, which supports the automatic transfer of motor parameter data to the controller. The integrated power stage operates from a **DC 750 V supply rail**, allowing the drive to share a common DC link with other axes on the same machine.

Position feedback has a resolution of **128 signal periods per revolution**, while a battery-free **multi-turn absolute counter** preserves the turn count when the main power supply is disconnected. Load retention is provided by an **electrically released holding brake** that engages when its coil is de-energized. The brake coil receives power from a dedicated **DC 24 V service source** distributed through the single-cable interface. The motor

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.

uses a C-length stator, frame size 076, and winding code 35 to provide continuous torque for demanding motion cycles. A plain shaft transfers mechanical output, while an integral shaft seal helps protect the internal components from moisture and contaminants. The integrated Safe Motion function with Safe Brake Control supports controlled braking in operator-accessible machinery and coordinates brake operation with the drive's safety system.

## 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:** | 076 | **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 4:25 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.