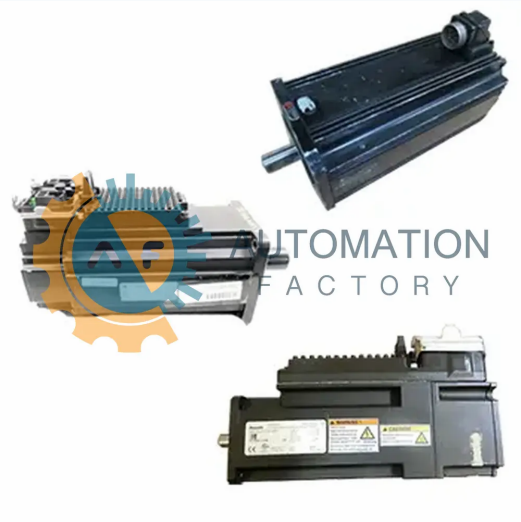
Bosch Rexroth Indramat — KSM Motor Integrated Servo Drives

KSM02.1B-071C-35N-M1-HG0-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-071C-35N-M1-HG0-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 power electronics, feedback processing, and the 071-frame servo motor in one housing, the unit supports decentralized axis control on packaging lines, material-handling stages, and assembly stations. Its compact layout removes the need for separate cabinet-mounted drives and simplifies wiring in distributed automation cells.

This drive uses a **hybrid connector** that carries DC power, control signals, and safety wiring through a single pluggable interface, reducing harness complexity. Heat generated by the embedded inverter is dissipated through **natural convection**, so no additional cooling fan is required, provided that adequate airflow is available around the housing. Rotor position is captured by a **Hiperface optical encoder** that provides **128 signal periods** per mechanical revolution. The **multi-turn absolute scanning system** records the shaft position across 4,096 revolutions without external batteries, allowing the controller to recognize the axis position after power is restored.

For networked machines, the master interface supports **Multi-Ethernet protocols**, allowing the axis to join Sercos III, EtherNet/IP, PROFINET, or EtherCAT topologies without hardware changes. The power stage operates from a regulated **750 V DC link**, allowing a direct connection to compatible IndraDrive supply modules. Functional safety is provided by **Safe Motion with SBC**, which supports certified safe-stop and safely limited speed functions through the fieldbus. Mechanical output is delivered through a **plain shaft with a shaft seal**, which helps protect the motor against contaminant ingress. The C-length stator and winding code 35 provide continuous torque for mid-

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.

range loads. The unit has a basic performance level and design version 1, and it is supplied without a holding brake to keep rotor inertia low in Series 2 machines.

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:**	Without holding brake
Master Communication Protocol:	Multi-Ethernet	**Motor Length:**	C	**Motor Size:**	071
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:**	11/08/2026 3:12 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

Payment Methods

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.