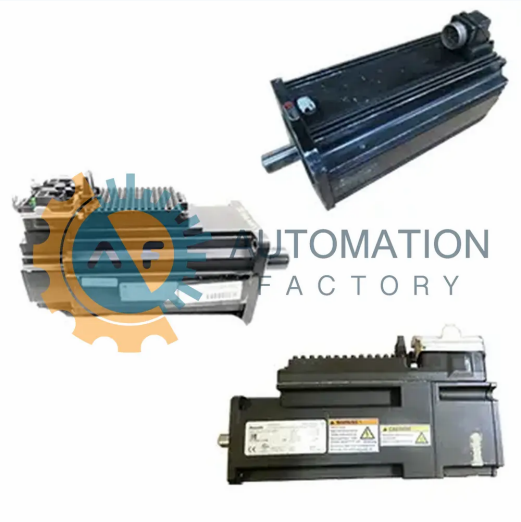
Bosch Rexroth Indramat — KSM Motor Integrated Servo Drives

KSM02.1B-076C-35N-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-076C-35N-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 placing the power electronics directly on the motor body, the device reduces the need for remote control cabinets and supports decentralized automation on packaging, assembly, and material-handling lines. This integrated arrangement shortens the connections between the motor and drive electronics while reducing the amount of cabling routed through the machine. The unit provides closed-loop speed and position regulation for automated axes that require basic performance and compact installation.

Thermal management relies on **natural convection**, so the housing requires unobstructed airflow but does not need an active fan. Rotor position is monitored by a **Hiperface optical encoder** that generates **128 signal periods per revolution** and retains multi-turn position data when power is removed. An **electrically released brake** grips the shaft after power is removed from its coil, allowing the motor to hold a stationary load. The brake coil operates at **DC 24 V** while the shaft is released for motion. The motor has a plain shaft with a shaft seal that helps prevent contaminants and splashing liquids from reaching the internal components, while winding code 35 provides the electrical characteristics required by the integrated drive.

Power, control, and feedback lines terminate in a **hybrid connector**, simplifying cable routing on linear machines and other distributed automation systems. The drive operates from a **DC 750 V** bus, allowing compatible units to share power through a common DC connection. Commands and status data are exchanged through **Multi-Ethernet**

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.

communication, which supports connection to EtherCAT, PROFINET, or EtherNet/IP control networks without separate interface cards. Integrated **Safe Motion without SBC** provides safety functions through dedicated inputs but does not include Safe Brake Control. The motor has size 076 and length C, providing the physical format associated with this model. It uses the standard design option, design version 1, and Series 2 configuration while maintaining the basic performance level assigned to the KSM platform.

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 (without SBC)	**Series:**	2	**Shaft Seal:**	Yes
Shaft Type:	Plain shaft	**Supply Voltage:**	DC 750 V	**Winding Code:**	35
Last Verified:	11/10/2026 12:28 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.