

MKD041B-144-GG1-KN

Industrial automation components

Manufacturer	Indramat
Catalog number	mkd041b-144-gg1-kn
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.41 kgs
Voltage	600 V
Speed (RPM)	7500 RPM
Signal Level	24 V
Current	7.5 A
Component Specifications	mkd041b
Torque	2.7 Nm
Product Type	Motor
Signal Type	24

Description

The Indramat MKD041B-144-GG1-KN is a high-performance AC synchronous servo motor designed for precise industrial automation applications. This motor delivers a continuous standstill torque of 2.7 Nm and is equipped with a 2.2 Nm holding brake, ensuring reliable operation in demanding environments. It features resolver feedback for accurate position detection and utilizes natural convection cooling for efficient thermal management. The motor operates within a temperature range of 0°C to 40°C, making it suitable for various industrial settings. With a frame size of 041 and a B-length configuration, it offers versatility in integration. The motor's plain shaft design with a shaft seal enhances durability and performance. The MKD041B-144-GG1-KN is compatible with Indramat's digital drives, including the DiAx04 and Ecodrive platforms, as well as DKC drive controllers, facilitating seamless integration into existing systems. Its robust construction and precise control capabilities make it ideal for applications requiring high torque and reliability, such as in printing, packaging, and machine tools.