

MKD041B-144-KG0-KN

Industrial automation components

Manufacturer	Indramat
Catalog number	mkd041b-144-kg0-kn
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	8.82 kgs
Component Specifications	mkd041b
Torque	0.4
Speed (RPM)	6000
Product Type	Synchronous Servo Motor
Brand	Indramat
Part Number	MKD041B-144-KG0-KN
Rated Speed	4,500 rpm
Continuous Standstill Torque	2.7 Nm
Feedback Type	Resolver
Protection Rating	IP65
Flange Size	82 mm
Centering Diameter	50 mm
Compatibility	DiAx04, Ecodrive, DKC drive controllers

Description

The Indramat MKD041B-144-KG0-KN is a synchronous servo motor from the MKD series, engineered for precise motion control in industrial automation applications. Designed for integration with Indramat's digital drives, this motor is ideal for tasks requiring high performance and reliability. It features a plain shaft with a sealing ring, ensuring durability and consistent operation. The motor operates at a rated speed of 4,500 rpm, delivering a continuous standstill torque of 2.7 Nm, suitable for applications demanding precise positioning and repeatability. Equipped with resolver feedback, it provides accurate position detection, enhancing system performance. The motor's IP65 protection rating ensures resistance to dust and water jets, making it suitable for various industrial environments. With a flange size of 82 mm and a centering diameter of 50 mm, it offers versatile mounting options. The MKD041B-144-KG0-KN is compatible with Indramat's DiAx04 and Ecodrive platforms, as well as DKC drive controllers, facilitating seamless integration into existing systems. Its robust design and precise control capabilities make it a reliable choice for demanding industrial automation tasks.