

MKD071B-061-KG1-KN

Industrial automation components

Manufacturer	Indramat
Catalog number	mkd071b-061-kg1-kn
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Frame Size	071
Continuous Torque at Standstill	8.0 Nm
Peak Torque	32 Nm
Rated Speed	5000 RPM
Maximum Speed	6000 RPM
Feedback Type	Resolver with integrated multiturn absolute encoder
Holding Brake Torque	5 Nm
Ingress Protection Rating	IP65
Shaft Design	Plain shaft with sealing ring
Cable Routing	Side B

Description

The Indramat MKD071B-061-KG1-KN is a high-performance AC synchronous servo motor from the MKD series, engineered for demanding industrial applications requiring precision and reliability. Designed with a frame size of 071 and a B-length, this motor features a continuous torque of 8.0 Nm at standstill and a peak torque of 32 Nm, ensuring robust performance in various automation tasks. It operates at a rated speed of 5000 rpm, with a maximum speed up to 6000 rpm, and utilizes resolver feedback with an integrated multiturn absolute encoder for precise position detection beyond 4096 revolutions. The motor is equipped with a 5 Nm holding brake, enhancing safety during operation. Its IP65 ingress protection rating ensures durability in harsh environments, making it suitable for applications such as machine tools, printing, and packaging. The MKD071B-061-KG1-KN's plain shaft design with a sealing ring and side B cable routing facilitate flexible installation and maintenance. With a weight of 8.8 kg and a flange size of 115 mm, it offers a compact yet powerful solution for industrial automation needs.