

KDA3.3-150-3-A0I-W1

Industrial automation components

Manufacturer	Indramat
Catalog number	kda33-150-3-a0i-w1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Indramat
Part Number	KDA3.3-150-3-A0I-W1
Product Type	Spindle Drive
Rated Current	150 A
Continuous Current	90 A
DC Bus Voltage	300 V
Cooling Method	Forced air cooling by integrated blower
Blower Voltage	220 V AC, 50–60 Hz
Speed Command Value	Analog ± 10 V
Auxiliary Encoder Input	Without
Series	KDA

Description

The Indramat KDA3.3-150-3-A0I-W1 is a high-performance spindle drive engineered for precise speed and position control in demanding industrial applications. Designed for main spindle operations, it delivers a rated current of 150 A and a continuous current of 90 A, ensuring sustained torque under heavy loads. The drive operates with a DC bus voltage of 300 V, providing robust power management for various machining processes. Cooling is achieved through forced air directed over an integrated heat sink, with the required blower operating at AC 220 V, 50–60 Hz, ensuring optimal thermal performance. The unit accepts an analog ± 10 V speed command, facilitating seamless integration with existing control systems. Notably, it does not include an auxiliary encoder input, simplifying system configuration. The KDA3.3-150-3-A0I-W1 is part of the KDA series, known for its modular design and reliability in precision manufacturing environments. Its compact yet rugged architecture ensures optimal thermal management and long-term durability, making it a valuable asset for automated production lines and retrofit projects.