

KDA3.3-150-3-A0S-W1

Industrial automation components

Manufacturer	Indramat
Catalog number	kda33-150-3-a0s-w1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Indramat
Part Number	KDA3.3-150-3-A0S-W1
Product Type	Spindle Drive
Rated Voltage	300 V
Rated Output Current	150 A
Continuous Output Current	90 A
Speed Command Value	Analog ± 10 V
Auxiliary Interface	RS-232
Cooling Method	Integrated Blower
Blower Power Requirement	220 V AC
Weight	17.4 kg
Ambient Temperature Range	5°C to 45°C

Description

The Indramat KDA3.3-150-3-A0S-W1 is a high-precision digital drive controller engineered for seamless integration with Indramat 2AD and 1MB motors. Designed for demanding industrial applications, this spindle drive offers exceptional performance and reliability. Operating at a rated voltage of 300 V, it delivers a rated output current of 150 A and a continuous output current of 90 A, ensuring robust power handling capabilities. The drive accepts an analog speed command value of ± 10 V, facilitating precise speed control across a wide range of operations. Communication is facilitated through an RS-232 auxiliary serial interface, enabling efficient data exchange. Cooling is managed by an integrated blower requiring a 220 V AC supply, effectively dissipating heat to maintain optimal operating conditions. The KDA3.3-150-3-A0S-W1 is housed in a compact design, weighing approximately 17.4 kg, and is rated for ambient temperatures between 5°C and 45°C, with a maximum permissible ambient temperature of 55°C. This drive controller is ideal for applications requiring high-speed precision and reliability, such as CNC milling, turning, and grinding centers. Its robust construction and advanced features make it a valuable component in sophisticated automation systems.