

## KDA3.2-100-3-AP0-W1

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	kda32-100-3-ap0-w1
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.45 kgs
<b>Product Type</b>	Drive
<b>Signal Level</b>	300 V
<b>Relay Specifications</b>	100 A
<b>Current</b>	100 A

### Description

The Indramat KDA3.2-100-3-AP0-W1 is a high-performance spindle drive designed for precision control in industrial automation applications. Operating at a rated voltage of 300 V DC, it delivers a rated current of 100 A and a continuous current of 70 A, ensuring reliable performance under demanding conditions. The drive accepts an analog  $\pm 10$  V speed command input, facilitating seamless integration with various control systems. An auxiliary encoder input allows for spindle or secondary motor feedback, enhancing control accuracy. Thermal management is achieved through a pre-installed heatsink blower, which requires a 115 VAC supply at 50–60 Hz, maintaining optimal operating temperatures during continuous operation. The compact design, measuring 325 mm in height, 150 mm in width, and 390 mm in depth, with a weight of 16.92 kg, ensures efficient use of space and ease of installation. This spindle drive is ideal for high-speed machining centers and multi-axis milling applications, offering precise speed regulation and high torque density to meet the demands of advanced automation systems.