

## KDA3.2-150-3-AP0-W1

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	kda32-150-3-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>	16.78 kgs
<b>Voltage</b>	300 V
<b>Product Type</b>	Drive
<b>Signal Type</b>	300
<b>Signal Level</b>	300 V
<b>Relay Specifications</b>	220 VAC
<b>Current</b>	150 A
<b>Frequency</b>	50 - 60

### Description

The Indramat KDA3.2-150-3-AP0-W1 is a high-performance spindle drive designed for precision control in demanding machining and automation systems. Manufactured by Indramat, a division of Bosch Rexroth, this drive is part of the KDA series, known for its modular design and reliability. The KDA3.2-150-3-AP0-W1 delivers a continuous current of 90 A and a peak current of 150 A, operating at a rated voltage of 300 V DC. It features an analog speed command interface of  $\pm 10$  V and supports auxiliary encoder input for spindle or second motor feedback, ensuring precise speed regulation and torque delivery. The drive includes an integrated microcomputer for continuous diagnostics and control, enhancing operational reliability. Thermal management is achieved through a mountable heat sink with an integrated blower, requiring a separate 220 V AC power supply operating at 50–60 Hz. This design ensures optimal performance under continuous load, making it ideal for applications such as CNC mills, grinding machines, and production lines. The KDA3.2-150-3-AP0-W1's modular architecture allows for easy integration with other command modules, facilitating system expansion and maintenance. Its robust construction and advanced features make it a reliable choice for high-speed spindle applications in industrial automation.