

DKR03.1-W200Z

Industrial automation components

Manufacturer	Indramat
Catalog number	dkr031-w200z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Drive Controller
Rated Current	200 A
Control Voltage	230 V AC
Power Voltage	Up to 380 V
Operating Frequency	50 to 60 Hz
Total Heat Dissipation	1200 W
Weight	49 kg

Description

The Indramat DKR03.1-W200Z is a high-performance drive controller engineered for precise control of frameless spindle and linear motors. Designed to deliver a rated current of 200 A, it ensures stable power output across a wide speed range, making it ideal for applications requiring consistent and reliable motor control. The controller utilizes air cooling through a built-in blower, effectively managing heat dissipation during operation. It supports digital servo and resolver feedback, providing accurate and responsive motor performance. Additionally, the DKR03.1-W200Z is compatible with 2AD or ADF main spindle motors, offering flexibility in motor selection. Key electrical specifications include an AC control voltage of 230 V, a power voltage up to 380 V, and an operating frequency of 50 to 60 Hz. The unit has a total heat dissipation of 1200 W and weighs approximately 49 kg. This drive controller is well-suited for applications in robotics, CNC machinery, and other industrial automation systems where precise motor control is essential.