

FANUC A06B-6066-H246 Manual

Brand	FANUC
Product Series	FANUC
Product Type	AC Servo Amplifier (Servo Drive)

Description

The A06B-6066-H246 is a dual-axis AC servo amplifier from FANUC's A06B series, specifically designed for CNC applications. This unit features various control options, including position, speed, and torque control, facilitating precise operation in automated systems.

Technical specifications for A06B-6066-H246

Manufacturer FANUC

Product Type AC Servo Amplifier (Servo Drive)

Product Line A06B

Part Number A06B-6066-H246

Weight 15.00 lbs (6.80 kg)

Application CNC Systems

Axis 2 axis drive

Input Voltage 200/220/230 VAC $\pm 10\%$ /-15%

Control Type Position, Speed, and Torque Control

Power Supply Single-phase

Cooling Method Air Cooled

Mounting Vertical/Wall-mounted

Frequency 50/60 Hz

Operating Temperature 0°C to 55°C

Protection Features Overload, Overcurrent, Overvoltage Protection

FANUC's A06B-6066-H246 AC servo amplifier is engineered primarily for use in CNC systems. It supports two axes of control for effective drive management. It is designed for reliability and operates with an input voltage specification of 200/220/230 VAC $\pm 10\%$ /-15%, allowing considerable flexibility in industrial environments. This module utilizes a single-phase power supply and works effectively within a frequency range of 50 to 60 Hz.

The unit's weight is 5.90 kg, making it manageable for installation purposes. Its mounting capabilities include vertical and wall configurations, facilitating space-efficient deployment. The amplifier is air-cooled, maintaining appropriate operational temperatures during use. It is engineered for operation within a temperature spectrum of 0°C to 55°C and is built to withstand moderate environmental variations.

Safety features are a key component of the A06B-6066-H246, including overload, overcurrent, and overvoltage protection to enhance its durability and reliability. Control functionalities encompass position, speed, and torque control options, making it versatile for different machining applications in CNC systems. This extensive specification set confirms the module's suitability for complex automation processes.

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