

FANUC A06B-6066-H008 Manual

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

Description

The FANUC A06B-6066-H008 is an AC servo amplifier designed to control CNC systems precisely. It can control position, speed, and torque and serves as a single-axis drive application within a power supply range of 200 to 230 VAC.

Technical specifications for A06B-6066-H008

Manufacturer FANUC

Product Type AC Servo Amplifier (Servo Drive)

Product Line A06B

Part Number A06B-6066-H008

Weight 25.00 lbs (11.34 kg)

Control Type Position, Speed, and Torque Control

Axis 1 axis drive

Power Supply Single-phase

Application CNC Systems

Cooling Method Air Cooled

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

Mounting Vertical/Wall-mounted

Frequency 50/60 Hz

Peak Current 240 A

Operating Temperature 0°C to 55°C

Protection Features Overload, Overcurrent, Overvoltage Protection

Rated Current 120 A

FANUC presents the A06B-6066-H008, a robust AC servo amplifier established for use in CNC systems. This servo drive excels in managing control aspects of positioning, speed, and torque, effectively supporting a one-axis maneuvering requirement. It operates using a single-phase power supply, accommodating input voltage fluctuations between 200 and 230 VAC and a tolerance of $\pm 10\%$ to -15%.

Designed for efficient cooling, the A06B-6066-H008 employs an air-cooled method, ensuring optimal thermal performance during operation. It is adaptable for installation, permitting vertical and wall-mounted configurations and allowing integration in varied setups. The device weighs 11.23 kg, striking a balance between durability and manageability.

This amplifier's operating frequency range is set to 50 or 60 Hz, making it versatile for a range of applications. Notably, this amplifier can handle peak currents up to 240 A while maintaining a rated current of 120 A, confirming its power handling characteristics. For environmental resilience, it operates efficiently in temperatures ranging from 0°C to 55°C.

Additionally, the A06B-6066-H008 encompasses protective features designed to safeguard the unit against potential hazards, including overload, overcurrent, and overvoltage conditions, ensuring longevity and reliability in extensive applications.

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