

FANUC A06B-6080-H305 Manual

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

Description

The FANUC A06B-6080-H305 is a robust servo amplifier designed for CNC applications. This unit can operate within a frequency range of 50/60 Hz, efficiently handles triple-axis control.

Technical specifications for A06B-6080-H305

Manufacturer FANUC

Product Type Servo Amplifier (Servo Drive)

Product Line A06B

Part Number A06B-6080-H305

Weight 19.00 lbs (8.62 kg)

Frequency 50/60 Hz

Cooling Method Air Cooled

Application CNC Systems

Protection Features Overload, Overcurrent, Overvoltage Protection

Axis Triple axis drive

Mounting Vertical/Wall-mounted

Control Type PWM Interface

Operating Temperature 0°C to 55°C

Description

The FANUC A06B-6080-H305 servo amplifier is vital in CNC systems, supporting precise control for complex machining tasks. This unit operates at frequencies of 50/60 Hz and emphasizes stable performance. It manages triple-axis drives, providing comprehensive control capabilities.

The cooling mechanism utilizes air to effectively dissipate heat, which is critical for maintaining operation over extended periods. Weighing 6.80 kg, this amplifier is designed for easy installation and is suitable for mounting vertically or on a wall as needed.

The protection features integrated into the A06B-6080-H305 include safeguards against overload, overcurrent, and overvoltage. These measures significantly enhance the reliability and longevity of a CNC system. The control type is based on Pulse Width Modulation (PWM) technology to ensure responsive and accurate performance. It is rated for ambient temperatures ranging from 0°C to 55°C, fitting well within standard operating conditions for industrial environments.

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