

FANUC A06B-6080-H307 Manual

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

Description

The FANUC A06B-6080-H307 functions as a servo amplifier designed for CNC systems. Equipped with a PWM interface, this drive ensures precise control of triple-axis motion, operating effectively at a frequency of 50/60 Hz.

Technical specifications for A06B-6080-H307

Manufacturer FANUC

Product Type Servo Amplifier (Servo Drive)

Product Line A06B

Part Number A06B-6080-H307

Weight 19.00 lbs (8.62 kg)

Application CNC Systems

Frequency 50/60 Hz

Cooling Method Air Cooled

Control Type PWM Interface

Mounting Vertical/Wall-mounted

Protection Features Overload, Overcurrent, Overvoltage Protection

Axis Triple axis drive

Rated Voltage 283-325 V

Operating Temperature 0°C to 55°C

Rated Power 4.35 kW

Rated Current 5.9-12.5 A

Description

The A06B-6080-H307 from FANUC is classified as a servo amplifier critical for CNC system applications. This device operates at a frequency of 50/60 Hz and ensures efficient performance with a rated power output of 4.35 kW. It supports voltage inputs within the range of 283 to 325 Volts. The rated current for this unit varies, functioning effectively between 5.9 and 12.5 A.

Weighing 9.34 kg, the A06B-6080-H307 amplifier benefits from a vertical or wall-mounted design, which aids in space efficiency during installation. It's cooled via an air-cooling system, which enhances reliability during prolonged usage. Safety features include protection against overload, overcurrent, and overvoltage, thus ensuring the durability of both the amplifier and the connected systems.

This drive model is a triple-axis drive, providing precise motion control necessary for intricate applications. With an operating temperature range of 0°C to 55°C, it is suited for various industrial environments and maintains robust performance under specified conditions.

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