

Mitsubishi HG-KR13BJ Manual

Brand	Mitsubishi
Product Series	Mitsubishi Pepperl+Fuchs Omron
Product Type	-

Description

The Mitsubishi HG-KR13BJ is an AC servo motor designed with a built-in electromagnetic brake. This model operates at a power supply of 200VAC and produces a rated output of 100W with low inertia characteristics.

Technical specifications for HG-KR13BJ

Manufacturer Mitsubishi

Product Line HG Series

Part Number HG-KR13BJ

Weight 10.00 lbs (4.54 kg)

Product AC Servo Motor

Power Capacity Small Power Capacity

Electromagnetic Brake Built-In Magnetic Brake

Power Supply Voltage 200VAC

Rated Speed 3000 RPM

Rated Output 100W

Maximum Speed 6000 RPM

Inertia Low Inertia

Shaft Straight Shaft

Operating Temperature 0 to 40 degrees Celsius

Encoder 22-Bit Encoder

Description

The Mitsubishi HG-KR13BJ AC servo motor is tailored for applications requiring reliable performance. It is categorized under the HG Series and delivers notable functionality in a compact design. The motor operates at a power voltage of 200VAC and features a small power capacity, ideal for lighter applications.

With a rated output of 100W, this unit is capable of functioning efficiently and effectively, accommodating a rated speed of 3000 RPM while reaching a maximum speed of 6000 RPM when necessary. Its low inertia characteristic enhances responsiveness, making it suitable for dynamic environments. The straight shaft design facilitates smooth installation across various setups.

Operating within a temperature range of 0 to 40 degrees Celsius ensures the HG-KR13BJ remains effective in standard industrial settings. The built-in electromagnetic brake enhances safety and operational control, making this motor an ideal choice for applications requiring immediate stopping.

Additionally, the motor is equipped with a 22-bit encoder, which ensures accurate position and speed monitoring, further contributing to its precision in servo applications.

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www.AutoDCSTech.com