

Mitsubishi HG-MR23B Manual

Brand	Mitsubishi
Product Series	Mitsubishi Pepperl+Fuchs Omron
Product Type	The HG-MR23B is a brushless AC servo motor from Mitsubishi's HG Series, providing precise control in vari

Description

The HG-MR23B is a brushless AC servo motor from Mitsubishi's HG Series, providing precise control in various applications. It features a rated output of 0.2 kW and operates at a speed of 3000 r/min.

Technical specifications for HG-MR23B

Manufacturer Mitsubishi

Product Line HG Series

Part Number HG-MR23B

Weight 10.00 lbs (4.54 kg)

Device Brushless AC Servo Motor

Rated Torque 0.64 Nm

Maximum Torque 1.9 Nm

Rated Current 1.5 A

Maximum Current 5.3 A

Inertia Ultra-Low Inertia

Capacity Small Capacity

Rated Output 0.2 kW

Rated Speed 3000 r/min

Electromagnetic Brake Included

Oil Seal Not Included

Shaft Shape Standard

Voltage Class 200VAC Class

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Description

Mitsubishi's HG-MR23B brushless AC servo motor is designed for functionality in various control tasks. The motor delivers a rated torque of 0.64 Nm, with a maximum torque specification of 1.9 Nm, making it applicable for tasks that require precise force management. Operating at a rated current of 1.5 A, the maximum current reach is 5.3 A, allowing for effective performance under different operational scenarios.

The motor offers ultra-low inertia, promoting quick acceleration and deceleration for dynamic applications. It has a power output of 0.2 kW, making it suitable for small-capacity uses. Enhanced with an electromagnetic brake, the motor provides reliable stopping capabilities, contributing to safety during operation. However, an oil seal is not included. The standard shaft shape facilitates easy installation in compatible setups.

Functioning within a voltage class of 200 VAC, the HG-MR23B fits well in environments requiring standard electrical specifications. Rated to operate at a speed of 3000 r/min, this servo motor efficiently meets various motion control needs.

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