

MITSUBISHI HG-SR202BJ

The HG-SR202BJ is a rotary servo motor from Mitsubishi's HG Series. It delivers nominal torque of 9.5 Nm and can achieve a maximum torque of 28.6 Nm. Ideal for various applications, it operates at 2000 rpm and can reach speeds up to 3000 rpm.

Technical specifications for HG-SR202BJ

Manufacturer Mitsubishi

Product Type Rotary Servo Motor

Product Line HG Series

Part Number HG-SR202BJ

Weight 15.00 lbs (6.80 kg)

Torque 9.5 Nm Nominal

Maximum Torque 28.6 Nm

Connection Type 2 MS-Type Connectors

Mounting Mode 176 x 176 mm Flange Mounting

Encoder 22-Bit Absolute Encoder

IP Rating IP67

Supply Voltage Class 200VAC Class

Rated Current 9.6 A

Rated Active Power 2 kW

Rotational Speed 2000 rpm

Maximum Speed 3000 rpm

Brake Type Electromagnetic Brake

Capacity Medium Capacity

Inertia Medium Inertia

Description

The Mitsubishi HG-SR202BJ is engineered as a rotary servo motor, designed with operational efficiency in mind. This device provides a nominal torque of 9.5 Nm, handling considerable load capacities with a peak torque performance of 28.6 Nm. The motor connects through two MS-type connectors, facilitating straightforward integration into various systems.

Designed for flange mounting, the unit measures 176 x 176 mm, securing it in place appropriately for a wide array of applications. The encoder incorporated into this model is a 22-bit absolute encoder, ensuring accurate feedback for positioning tasks. With an operational rating within the IP67 standard, it offers robust safeguards against particulate matter and moisture, providing reliability in tough environments.

Rated for a supply voltage class of 200VAC, this motor has an effective current rating of 9.6 A,

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supporting sustained performance under load. Its ability to produce 2 kW of active power further enhances its suitability for medium-capacity applications. The device offers a rotational speed of 2000 rpm, with the flexibility to achieve a maximum speed of 3000 rpm, thus accommodating a variety of operational needs.

Moreover, an electromagnetic brake is integrated into this servo motor, providing an additional level of safety and control during operation. The unit features medium inertia, contributing to responsiveness during dynamic applications. All of these specifications combine to make the Mitsubishi HG-SR202BJ a versatile choice for diverse rotary motion control tasks.



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