AUTOMATION TRADER

# HF-H204BS

Industrial automation components

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| **Manufacturer** | Mitsubishi |
| **Catalog number** | hf-h204bs |
| **Category** | Industrial automation components |
| **Product type** | Industrial automation components |
| **Status** | Active product |

## Technical specification

| | |
|---|---|
| **Brand** | Mitsubishi |
| **Part Number** | HF-H204BS |
| **Rated Output** | 2.0 kW |
| **Maximum Rotation Speed** | 4000 r/min |
| **Stall Torque** | 13.7 N·m |
| **Maximum Torque** | 47.0 N·m |
| **Motor Inertia** | 38.3 kg·cm² |
| **Compatible Servo Drive Unit** | MDS-DH2-V1-40 |
| **Ambient Temperature Range** | 0 to 40 °C |
| **Relative Humidity** | 80 % |

## Description

The Mitsubishi HF-H204BS is a high-performance servo motor designed for precision motion control in industrial automation applications. As part of Mitsubishi's HF-H series, this model offers robust performance and reliability for demanding tasks.

Key features include a rated output of 2.0 kW, a maximum rotation speed of 4000 r/min, and a stall torque of 13.7 N·m, with a maximum torque of 47.0 N·m. The motor's inertia is 38.3 kg·cm², ensuring smooth operation and responsiveness.

It is compatible with Mitsubishi's MDS-DH2-V1-40 servo drive unit, facilitating seamless integration into existing systems. The HF-H204BS operates within an ambient temperature range of 0°C to +40°C and

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is suitable for environments with up to 80% relative humidity.

This servo motor is ideal for applications such as material handling systems, industrial robots, and X-Y working tables, where precise and reliable motion control is essential.

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