

## HF-SP152B

Industrial automation components

Manufacturer	Mitsubishi
Catalog number	hf-sp152b
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

### Technical specification

Weight	9.07 kgs
Current	8 A
Component Specifications	sp152b
Cooling Capacity	1.5 kW
Signal Type	230
Signal Level	230 V
Relay Specifications	230 VAC
Voltage	200 - 230 V
Power	1.5 kW
Frequency	50 - 60 Hz
Torque	7.16 Nm
Speed (RPM)	2000 RPM
Product Type	Motor

### Description

The Mitsubishi HF-SP152B is a high-performance AC servo motor designed for medium-capacity applications requiring precise control and reliability. Operating at a rated output of 1.5 kW and a rated speed of 2000 rpm, it delivers a nominal torque of 7.16 Nm and a maximum torque of 21.5 Nm. The motor operates within a voltage range of 200-230 V AC and a frequency of 50-60 Hz, with a rated current of 8 A. It features a built-in electromagnetic brake and an 18-bit absolute feedback encoder, ensuring high precision and stability in operation. The motor's IP67 protection rating indicates its suitability for harsh environments, offering resistance to dust and water ingress. With a weight of approximately 10.3 kg, the HF-SP152B is suitable for integration into various industrial automation systems, including conveyors and X-Y tables, where medium inertia and capacity are required.