HF104S

Industrial automation components

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Manufacturer	Mitsubishi
Catalog number	hf104s
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Output	1.0 kW
Rated Speed	3000 rpm
Input Current	5.3 A
Input Voltage	125 V
Shaft Type	Straight
IP Rating	IP67
Operating Temperature Range	0 to 40 °C
Compatible Servo Drive Unit Type	MDS-D2-V1-40

Description

The Mitsubishi HF104S is a high-performance AC brushless servo motor engineered for precision motion control in industrial applications. Designed for integration with Mitsubishi's CNC systems, it offers reliable and efficient operation.

Key specifications include a rated output of 1.0 kW, a rated speed of 3000 rpm, and an input current of 5.3 A. The motor operates at an input voltage of 125 V and features a straight shaft design. It is rated IP67 for dust and water resistance, ensuring durability in various environments.

The operating temperature range is 0 to 40 degrees Celsius, suitable for standard industrial settings. The HF104S is compatible with Mitsubishi's MDS-D2-V1-40 servo drive unit, facilitating seamless integration within Mitsubishi's automation systems.

Its medium inertia characteristic supports effective motion control, making it suitable for applications requiring precise positioning and speed control.

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