HF104BT

Industrial automation components

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Manufacturer	Mitsubishi
Catalog number	hf104bt
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Supply Voltage	400VAC V
Rated Output	1.0 kW
Rated Speed	3000 rpm
Maximum Speed	4000 rpm
Nominal Torque	3.2 Nm
Peak Torque	23.3 Nm
Electromagnetic Brake	Included
Shaft Type	Taper
Encoder Resolution	18-bit
Mounting Dimensions	130x130 mm

Description

The Mitsubishi HF104BT is a high-performance AC servo motor designed for precision control in industrial automation applications. Operating at a supply voltage of 400VAC, it delivers a rated output of 1.0 kW at 3000 rpm, with a maximum speed of 4000 rpm.

The motor provides a nominal torque of 3.2 Nm and can handle a peak torque of 23.3 Nm, ensuring reliable performance under varying load conditions. An electromagnetic brake is included to enhance operational control.

The motor features a taper shaft and is equipped with an 18-bit absolute encoder for accurate position and speed feedback. Its flange mounting dimensions are 130x130 mm, facilitating easy

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integration into existing systems.

This servo motor is ideal for applications requiring precise speed and position control, such as CNC machinery and automated production lines.

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