A06B-0085-B203

Industrial automation components

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Manufacturer	Fanuc
Catalog number	a06b-0085-b203
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Fanuc
Part Number	A06B-0085-B203
Product Type	AC Servo Motor
Encoder Type	Beta 128iA
Shaft Type	Straight with Keyway
Output Power	2.5 kW
Stall Torque	20 Nm
Continuous Current Rating	6.7 A
Stall Current	11 A
Voltage Range	200 V to 240 V
Number of Poles	8 poles

Description

The Fanuc A06B-0085-B203 is a high-performance AC servo motor designed for precision control in industrial automation applications. Manufactured by Fanuc, a leading provider of automation solutions, this motor is part of the A06B series, known for its reliability and efficiency.

The A06B-0085-B203 model features a straight shaft with a keyway, facilitating secure integration into various machinery. It is equipped with a Beta 128iA encoder, ensuring accurate position feedback and enhancing system performance.

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Operating at a rated output power of 2.5 kW, the motor delivers a stall torque of 20 Nm, making it suitable for applications requiring substantial load handling. With a continuous current rating of 6.7 A and a stall current of 11 A, it operates efficiently within a voltage range of 200 V to 240 V, accommodating standard industrial power supplies.

The motor's 8-pole, 3-phase design ensures smooth operation and high power factor, contributing to energy efficiency. Its insulation class F rating indicates suitability for environments with higher ambient temperatures.

The A06B-0085-B203 is ideal for use in CNC machines, robotics, and other automated systems where precise motion control is essential. Its robust construction and advanced features make it a reliable choice for demanding industrial applications.