1FT2206-2AF10-0SB0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft2206-2af10-0sb0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT2206-2AF10-0SB0
Product Type	Servo Motor
Continuous Torque	6.5 Nm
Rated Power	1.71 kW
Rated Speed	3000 rpm
Voltage Range	380-480 V
Protection Rating	IP64
Shaft Diameter	24 mm
Shaft Length	50 mm
Encoder Type	Absolute Single-Turn 22-Bit
DRIVE-CLiQ Plug	M17

Description

The Siemens 1FT2206-2AF10-0SB0 is a high-performance servo motor from the SIMOTICS S-1FK2 series, designed for demanding automation applications. This motor delivers a continuous torque of 6.5 Nm and operates at a rated power of 1.71 kW at 3000 rpm for voltages between 380-480 V, and 0.97 kW at 1500 rpm for voltages between 200-240 V.

It features a holding brake to ensure positional stability during operation and has an IP64 protection rating, making it suitable for various industrial environments. The motor is equipped with

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a cylindrical shaft measuring 24 mm in diameter and 50 mm in length, and utilizes an absolute single-turn 22-bit encoder (AS22DQC) for precise position feedback.

Connectivity is facilitated through a DRIVE-CLiQ plug M17 and a power connector size M23, ensuring seamless integration into automation systems. This servo motor is ideal for applications requiring high precision and reliability.

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