1FK7064-4CH71-1RH2

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7064-4ch71-1rh2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Current	7 A
Speed (RPM)	4500 RPM
Cooling Capacity	2.4 KW
Product Type	Motor
Moc znamionowa	2.4 kW
Rated Speed	4500 rpm
Rated Torque	5.0 Nm
DC Link Voltage	600 V
Encoder Type	Rotatable absolute encoder with DRIVE-CLiQ interface
Holding Brake Torque	13.0 Nm
Protection Class	IP65 (drive end flange), IP67 (non-drive end flange)
Waga netto	15.7 kg

Description

The Siemens 1FK7064-4CH71-1RH2 is a high-performance synchronous servomotor from the SIMOTICS S-1FK7 series, designed for precision motion control applications. This motor features a rated power of 2.4 kW, a rated speed of 4,500 rpm, and a rated torque of 5.0 Nm, ensuring efficient and reliable operation in demanding environments.

It operates at a DC link voltage of 600V and is naturally cooled, making it suitable for various industrial settings. The motor is equipped with a rotatable absolute encoder with a DRIVE-CLiQ

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interface, providing precise position feedback.

Additionally, it includes a holding brake with a holding torque of 13.0 Nm, enhancing safety and stability during operation. The motor's degree of protection is IP65 for the drive end flange and IP67 for the non-drive end flange, offering robust protection against dust and water ingress.

With a net weight of 15.7 kg, the 1FK7064-4CH71-1RH2 is a reliable choice for applications requiring high torque and speed precision.