1FK7060-5AF71-1GH3-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fk7060-5af71-1gh3-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Gearbox Type	Planetary gearbox NP+
Gear Ratio	10:1
Rated Speed	3000 rpm
Cooling Type	Naturally cooled
Holding Brake	Permanent-magnet brake
Degree of Protection	IP65 and IP67 for drive end flange
Product Type	Compact synchronous servomotor

Description

The Siemens 1FK7060-5AF71-1GH3-Z is a compact synchronous servomotor from the 1FK7 series, designed for high-dynamic positioning tasks in industrial automation. This motor features a planetary gearbox NP+ (NP 035) with a 10:1 gear ratio, providing precise control and high torque output.

It operates at a rated speed of 3000 rpm and is naturally cooled, ensuring efficient performance in demanding applications. The motor is equipped with a permanent-magnet holding brake, offering reliable stopping power when needed.

With a degree of protection IP65 and IP67 for the drive end flange, it is suitable for environments requiring robust protection against dust and water ingress. The 1FK7060-5AF71-1GH3-Z is ideal for applications in robotics, CNC machinery, and other systems requiring precise motion control and high torque output.

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