# 1FK7060-5AF71-1EH5

Industrial automation components

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|---|---|
| **Manufacturer** | Siemens |
| **Catalog number** | 1fk7060-5af71-1eh5 |
| **Category** | Industrial automation components |
| **Product type** | Industrial automation components |
| **Status** | Active product |

## Technical specification

| | |
|---|---|
| **Rated Torque** | 6.0 Nm |
| **Rated Speed** | 3000 rpm |
| **Rated Power** | 1.48 kW |
| **Encoder Type** | Absolute encoder (EnDat 2048 pulses per revolution) – |
| **Holding Brake Torque** | 13.0 Nm |
| **Holding Brake Voltage** | 24 V DC |
| **Degree of Protection (Motor Housing)** | IP65 – |
| **Degree of Protection (Drive End Flange)** | IP67 – |
| **Shaft Type** | Plain shaft with tolerance N – |
| **Connector Rotation** | 270 degrees – |

## Description

The Siemens 1FK7060-5AF71-1EH5 is a compact synchronous servomotor from the SIMOTICS S series, designed for precise motion control in industrial automation applications. This motor features a rated torque of 6.0 Nm at 100% rated speed, with a rated speed of 3000 rpm and a rated power output of 1.48 kW.

It operates with natural air cooling and is equipped with an absolute encoder (EnDat 2048 pulses per revolution) for accurate position feedback. The motor includes a holding brake with a torque of 13.0 Nm, powered by a 24 V DC supply.

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Its degree of protection is IP65 for the motor housing and IP67 for the drive end flange, ensuring durability in various industrial environments. The motor's shaft is plain with a tolerance of N, and it features a power/signal connector that can be rotated by 270 degrees for flexible installation.

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