# 1FK7032-2AK71-1EB2

Industrial automation components

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|---|---|
| **Manufacturer** | Siemens |
| **Catalog number** | 1fk7032-2ak71-1eb2 |
| **Category** | Industrial automation components |
| **Product type** | Industrial automation components |
| **Status** | Active product |

## Technical specification

| | |
|---|---|
| **Rated Speed** | 6000 rpm |
| **Rated Torque** | 0.8 Nm |
| **Stall Torque** | 1.15 Nm |
| **Rated Current** | 1.3 A |
| **Stall Current** | 1.7 A |
| **Maximum Speed** | 10000 rpm |
| **Maximum Torque** | 4.5 Nm |
| **Number of Poles** | 6 poles |
| **Protection Rating** | IP64 |
| **Cooling Type** | Naturally cooled |

## Description

The Siemens 1FK7032-2AK71-1EB2 is a high-performance synchronous servomotor designed for precision motion control applications. Operating at a rated speed of 6,000 rpm, it delivers a rated torque of 0.8 Nm and a stall torque of 1.15 Nm, ensuring reliable performance under varying load conditions.

The motor operates at a rated current of 1.3 A and a stall current of 1.7 A, providing efficient energy consumption. With a maximum permissible speed of 10,000 rpm and a maximum torque of 4.5 Nm, it offers versatility for diverse industrial applications.

The motor features a 2-pole resolver with a DRIVE-CLiQ interface for precise position feedback and is naturally cooled with an IP64 protection rating, making it suitable for various industrial

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environments.

Its compact design and robust construction ensure durability and longevity, making it an ideal choice for applications requiring high precision and reliability.

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