1FT6084-8AK71-4AG0

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6084-8ak71-4ag0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Frame Size	08
Length	4
Rated Speed	4500 rpm
Cooling Method	Natural cooling
DC Link Voltage	600V
Typ montażu	IM B5 (IM V1, IM V3)
Connector Outlet Direction	Axial DE
Encoder Type	Sin/cos incremental encoder 1 Vpp
DRIVE-CLiQ Interface	Not included
Shaft End	Plain shaft (radial eccentricity - N, without holding brake)
Stopień ochrony	IP64

Description

The Siemens 1FT6084-8AK71-4AG0 is a high-performance AC servo motor from the SIMOTICS S series, designed for precise motion control in industrial applications. This synchronous motor features a frame size of 08, a length of 4, and operates with a rated speed of 4500 rpm.

It utilizes natural cooling and has a DC link voltage of 600V. The motor is constructed with an IM B5 (IM V1, IM V3) mounting type and includes an axial DE connector outlet direction. It is equipped with a sin/cos incremental encoder providing 1 Vpp signals, without the DRIVE-CLiQ interface.

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The shaft end is a plain shaft with radial eccentricity tolerance N, and it does not include a holding brake. The motor has a vibration severity grade of N and a degree of protection rated at IP64, ensuring durability and reliability in demanding environments.

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