1FT6062-6AC71-4EA2

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6062-6ac71-4ea2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Torque	6.0 Nm
Rated Speed	2000 rpm
Continuous Output Power	1.1 kW
Cooling Method	Natural air cooling
Mounting Flange	IM B5 (IM V1, IM V3)
Encoder Type	Absolute encoder (EnDat 2048 S/R)
Shaft End	Feather key with circular runout tolerance N
Holding Brake	None
Shaft Seal	Radial shaft seal (IP67)

Description

The Siemens 1FT6062-6AC71-4EA2 is a high-performance synchronous servomotor from the SIMOTICS S series, designed for precision motion control applications. This model features a rated torque of 6.0 Nm and operates at a rated speed of 2000 rpm, delivering a continuous output power of 1.1 kW.

It utilizes natural air cooling and is constructed with an IM B5 (IM V1, IM V3) mounting flange, suitable for various industrial setups. The motor is equipped with an absolute encoder (EnDat 2048 S/R), providing precise position feedback.

Its shaft end includes a feather key with a circular runout tolerance of N, and it operates without a holding brake. The motor's vibration severity grade is N, and it is sealed with a radial shaft seal rated at IP67, ensuring durability in demanding environments.

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