1FN33001NC100BA1

Industrial automation components

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Manufacturer	Siemens
Catalog number	1fn33001nc100ba1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Manufacturer	Siemens
Part Number	1FN33001NC100BA1
Product Type	3-Phase Synchronous Motor Primary Section
Continuous Load Force (Fn)	865 N
Maximum Load Force (Fmax)	1,470 N
Maximum Speed at Fn	230 m/min
Rated Current (In)	8.1 A
Maximum Current (Imax)	17.1 A

Description

The Siemens 1FN33001NC100BA1 is a component of the SIMOTICS L series, designed as a 3-phase synchronous motor primary section for continuous load applications. This motor is engineered to deliver reliable performance in demanding industrial environments.

Key specifications include a continuous load force (Fn) of 865 N, a maximum load force (Fmax) of 1,470 N, and a maximum speed at Fn of 230 m/min. The motor operates with a rated current (In) of 8.1 A and a maximum current (Imax) of 17.1 A.

It features a cover prepared for two metric threaded joints, ensuring secure and efficient installation. The design separates the connections for power and signal, enhancing operational safety and reliability.

This motor is suitable for applications requiring precise motion control and consistent performance under continuous load conditions.

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