1AV2105B-1LE10011AB522FB4-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1av2105b-1le10011ab522fb4-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Voltage	460V
Frequency	60Hz
Power Output	3.45 kW
Protection Rating	IP55
Efficiency Class	IE2

Description

The Siemens 1AV2105B 1LE10011AB522FB4-Z is a versatile general-purpose AC motor designed for industrial applications requiring reliable and efficient performance. Manufactured by Siemens, this motor features an aluminum housing with an IP55 protection rating, ensuring durability and suitability for various environments.

It operates at a rated voltage of 460V and a frequency of 60Hz, delivering a power output of 3.45 kW. The motor is self-ventilated with a squirrel-cage rotor, classified under temperature class 155 (F) according to IEC standards.

Its high-efficiency IE2 rating complies with applicable statutory regulations, making it an energy-efficient choice for industrial operations. The 4-pole design with frame size 100L ensures compatibility with standard mounting configurations.

This motor is ideal for driving pumps, fans, and compressors in industrial settings, offering a reliable solution for demanding applications.

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