1LA9113-2KA10-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1la9113-2ka10-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1LA9113-2KA10-Z
Product Type	Three-Phase Squirrel-Cage Induction Motor
Frame Size	112 M
Enclosure Material	Aluminum
Protection Class	IP55
Insulation Class	155 (F)
Duty Type	S1 - Continuous Duty
Rotation Direction	Bi-directional
Efficiency Class	IE2

Description

The Siemens 1LA9113-2KA10-Z is a three-phase squirrel-cage induction motor designed for industrial applications requiring reliable and efficient performance. This motor operates at a rated voltage of 400 V (Y) for 50 Hz and 460 V (Y) for 60 Hz, delivering a rated power of 4 kW at 50 Hz and 5.5 HP at 60 Hz.

It features a two-pole design, achieving a rated speed of 2,905 rpm. The motor is housed in a 112 M frame size with an aluminum enclosure, ensuring durability and efficient heat dissipation. It has a degree of protection IP55, making it suitable for various industrial environments.

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The insulation class is 155 (F), and it operates under continuous duty (S1). The motor is bi-directional, allowing for flexible installation and operation. Its efficiency class is IE2, indicating high energy efficiency.

The motor is designed for foot-mounted (IM B3) and flange-mounted (IM B5, IM B6, IM B7, IM B8) configurations, providing versatility in installation. The terminal box is made of aluminum, and the motor is suitable for operation in ambient temperatures up to 40°C.

This motor is ideal for driving machinery such as pumps, compressors, and conveyors in industrial settings.