1LA9113-2LA11-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1la9113-2la11-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Power Output	7.5 kW
Operating Voltage	400 V
Rated Speed	3500 rpm
Housing Material	Aluminum
Protection Class	IP55
Duty Type	S1
Number of Poles	2
Product Series	SIMOTICS GP

Description

The Siemens 1LA9113-2LA11-Z is a three-phase asynchronous motor designed for industrial applications requiring reliable and efficient performance. With a rated power output of 7.5 kW and operating at 400 V, this motor delivers a speed of 3,500 revolutions per minute (rpm), making it suitable for machinery and equipment that demand high-speed operation.

The motor features a robust aluminum housing, ensuring durability and effective heat dissipation. It is rated with an IP55 protection class, providing resistance against dust and water ingress, which is essential for operations in challenging environments.

The 1LA9113-2LA11-Z motor is engineered for continuous duty (S1), indicating its capability to operate at full load without overheating. Its design includes a two-pole configuration, contributing to its high-speed performance.

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This motor is part of Siemens' SIMOTICS GP series, known for delivering increased output while maintaining compact dimensions. This series is ideal for applications where maximizing performance within limited space is crucial.

The 1LA9113-2LA11-Z motor is suitable for various industrial applications, including conveyors, pumps, and compressors, where high efficiency and reliability are paramount.

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