AUTOMATION TRADER

1AV2116A-1LE10011BA622AB4

Industrial automation components

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Manufacturer	Siemens
Catalog number	1av2116a-1le10011ba622ab4
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1AV2116A 1LE10011BA622AB4
Product Type	Three-Phase Asynchronous Motor
Power Rating	5.5 kW at 50 Hz, 6.3 kW at 60 Hz
Rated Speed	2945 rpm
Efficiency Class	IE2
Voltage Configuration	400 V delta at 50 Hz, 690 V star at 50 Hz
Protection Class	IP55
Cooling Type	Self-Cooled

Description

The Siemens 1AV2116A 1LE10011BA622AB4 is a high-efficiency three-phase asynchronous motor designed for industrial applications requiring reliable and robust performance. This motor features a squirrel-cage rotor, self-ventilated design, and an aluminum enclosure, ensuring durability and efficient operation.

With a rated power of 5.5 kW at 50 Hz and 6.3 kW at 60 Hz, it operates at a rated speed of approximately 2945 rpm, making it suitable for various machinery and equipment. The motor is classified under efficiency class IE2, meeting the minimum efficiency requirements for the European Economic Area as of January 1, 2017.

It is designed for operation with a 400 V delta connection at 50 Hz and a 690 V star connection at 50 Hz, accommodating different voltage configurations commonly found in industrial settings. The motor's

protection class is IP55, providing resistance against dust and water ingress, which is essential for maintaining performance in challenging environments.

Additionally, the motor is self-cooled, eliminating the need for external cooling systems and simplifying maintenance. This motor is ideal for applications where consistent performance and energy efficiency are critical, such as in conveyors, pumps, and compressors.