1LA9090-4KA10-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1la9090-4ka10-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1LA9090-4KA10-Z
Product Type	Three-phase squirrel-cage induction motor
Rated Power at 50 Hz	1.1 kW
Rated Voltage at 50 Hz	230/400 V
Rated Speed at 50 Hz	1440 rpm
Frame Size	90S
Degree of Protection	IP55
Insulation Class	F (155°C)
Duty Type	S1 (Continuous duty)
Rotation Direction	Bi-directional

Description

The Siemens 1LA9090-4KA10-Z is a three-phase squirrel-cage induction motor designed for industrial applications requiring reliable and efficient performance. This motor features a rated power of 1.1 kW at 50 Hz and 1.27 kW at 60 Hz, operating at a rated voltage of 230/400 V for 50 Hz and 460 V for 60 Hz.

It delivers a rated speed of 1440 rpm at 50 Hz and 1740 rpm at 60 Hz, with a rated torque of 7.3 Nm. The motor is housed in an aluminum frame size 90S, offering durability and efficient heat dissipation.

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It has an IP55 degree of protection, ensuring resistance against dust and water ingress. The insulation class F (155°C) provides reliable operation under varying thermal conditions. Designed for continuous duty (S1), the motor is suitable for applications requiring consistent performance over extended periods.

Its bi-directional rotation capability makes it versatile for various industrial processes. The 1LA9090-4KA10-Z motor is ideal for driving machinery in sectors such as manufacturing, material handling, and processing, where robust and efficient motor solutions are essential.

AUTOMATION TRADER

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