

SGMAH-A5AAA6CD-0Y

Industrial automation components

Manufacturer	Yaskawa
Catalog number	sgmah-a5aaa6cd-0y
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Yaskawa
Part Number	SGMAH-A5AAA6CD-0Y
Product Type	AC Servo Motor
Rated Output	50W
Rated Torque	0.159 Nm
Shaft Type	Straight shaft with key and tapped end
Holding Brake	24 VDC
Encoder Type	13-bit incremental encoder
Series	Sigma-II

Description

The Yaskawa SGMAH-A5AAA6CD-0Y is a high-performance AC servo motor designed for precision motion control in industrial automation applications. With a rated output of 50W and a rated torque of 0.159 Nm, this motor delivers reliable and efficient performance. It features a straight shaft with key and tapped end, facilitating secure mechanical coupling. The motor is equipped with a 24 VDC holding brake, providing holding torque when the system is powered down, enhancing safety and stability in vertical or load-sensitive applications. The SGMAH-A5AAA6CD-0Y utilizes a 13-bit incremental encoder, ensuring precise feedback for smooth positioning and speed control. This motor is part of Yaskawa's Sigma-II series, integrating seamlessly with corresponding drives for advanced motion control capabilities.