SGMAH-A3AAA61D-0Y

Industrial automation components

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Manufacturer	Omron
Catalog number	sgmah-a3aaa61d-0y
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Voltage	200 V
Rated Power	30 W
Rated Speed	3000 RPM
Encoder Type	13-bit incremental encoder
Shaft Type	Straight shaft with key and tap

Description

The Omron SGMAH-A3AAA61D-0Y is a high-performance AC servo motor from Omron's Sigma-II series, designed for precision motion control in industrial automation applications. Operating at a rated voltage of 200 V and delivering a continuous power output of 30 W, this motor achieves speeds up to 3000 RPM, ensuring efficient and reliable performance. It features a 13-bit incremental encoder, providing high-resolution feedback for enhanced control accuracy. The motor is equipped with a straight shaft with key and tap, facilitating secure integration into various mechanical systems. With an operating temperature range from 0°C to 40°C and a maximum humidity tolerance of 80% (non-condensing), the SGMAH-A3AAA61D-0Y is built to perform reliably in diverse industrial environments. This servo motor is compatible with Omron's Sigma-II series servo drives, offering seamless integration and optimal performance.

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