SH30551P01F2020

Industrial automation components

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Manufacturer	Schneider Electric
Catalog number	sh30551p01f2020
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	AC Servo Motor
Shaft Diameter	9 mm
Shaft Length	20 mm
Encoder Type	Absolute single-turn SinCos Hiperface
Encoder Resolution	128 periods
Rated Supply Voltage	115 to 480 VAC
Maximum Mechanical Speed	9,000 rpm
Continuous Stall Torque	0.42 N·m
Continuous Power Output	290 W
Enclosure Protection Rating	IP65

Description

The Schneider Electric SH30551P01F2020 is a high-performance servomotor from the SH3 series, designed for precise motion control in industrial automation applications. This 55mm, 1-stack motor features a smooth shaft with a diameter of 9 mm and a length of 20 mm, ensuring seamless integration into various systems. Equipped with an absolute single-turn SinCos Hiperface encoder with a resolution of 128 periods, it delivers accurate position feedback. The motor operates at a rated supply voltage of 115 to 480 VAC, suitable for three-phase systems, and achieves a maximum mechanical speed of 9,000 rpm. It offers a continuous stall torque of 0.42 N·m and a continuous power output of 290 W, making it ideal for applications requiring reliable and efficient motion control. The motor is housed in an IP65-rated enclosure, providing protection against dust and water ingress, and features a rotatable

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right-angled connector for flexible installation. This servomotor is compatible with Schneider Electric's PacDrive 3 servo drives, ensuring optimal performance and integration.

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