EMMT-AS-60-S-HS-RMB

Industrial automation components

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Manufacturer	Festo
Catalog number	emmt-as-60-s-hs-rmb
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Voltage	680 V DC
Nominal Torque	0.6 Nm
Peak Torque	1.6 Nm
Maximum Rotational Speed	15,000 rpm
Encoder Type	Absolute multi-turn encoder (EnDat® 22)
Holding Brake Torque	2.5 Nm
Ambient Temperature Range	-15°C to 40°C
Protection Class	IP40 (motor shaft without rotary shaft seal), IP65 (with rotary shaft seal), IP67 (motor housing with connection technology)

Description

The Festo EMMT-AS-60-S-HS-RMB is a high-performance servo motor designed for precise and dynamic motion tasks in industrial automation. Operating at a rated voltage of 680 V DC, it delivers a nominal torque of 0.6 Nm and a peak torque of 1.6 Nm, with a maximum rotational speed of 15,000 rpm. The motor features an absolute multi-turn encoder (EnDat® 22) for precise position feedback and includes a holding brake with a torque of 2.5 Nm. It operates efficiently within an ambient temperature range of -15°C to 40°C, with the capability to withstand temperatures up to 80°C with derating. The motor is compliant with IEC 60034 standards and has a protection class of IP40 for the motor shaft without rotary shaft seal, IP65 with rotary shaft seal, and IP67 for the motor housing, including connection technology. The EMMT-AS-60-S-HS-RMB is suitable for applications requiring high precision and reliability in demanding environments.

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