

Multi Turn IEC 60034 Festo Servo Motor EMME-AS-40-S-LV-AMB Absolute Encoder

Our Product Introduction

for more products please visit us on achieversinstruments.com

Basic Information

- Place of Origin: CHINA
- Brand Name: Festo
- Model Number: EMME-AS-40-S-LV-AMB
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T
- Supply Ability: 100pcs per month

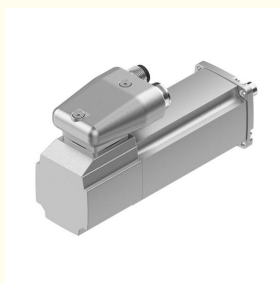


Product Specification

- Manufacturer: Festo
- Product No: EMME-AS-40-S-LV-AMB
- Relative Air Humidity: 0 - 90 %
- Conforms To Standard: IEC 60034
- Degree Of Protection: IP21
- Note On Materials: RoHS-compliant
- DC Nominal Voltage: 360 V
- Stall Torque: 0.18 Nm
- Highlight: **Multi Turn Festo Servo motor, IEC 60034 Festo Servo motor, EMME-AS-40-S-LV-AMB**



More Images

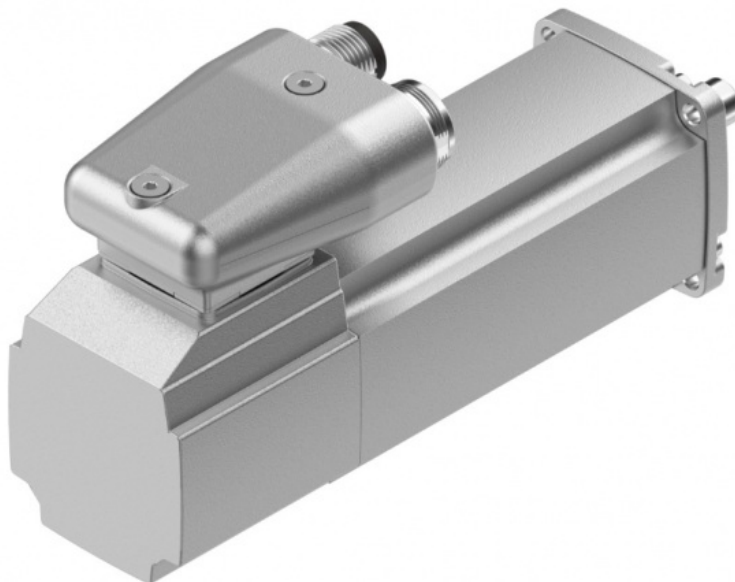


Product Description

Festo Servo motor EMME-AS-40-S-LV-AMB Absolute encoder, multi-turn

Ambient temperature
-10 °C ... 40 °C
Storage temperature
-20 °C ... 70 °C
Relative air humidity
0 - 90 %
Conforms to standard
IEC 60034
Insulation protection class
F
Rating class according to EN 60034-1
S1
Degree of protection
IP21
Electrical connection technology
Plug
Note on materials
RoHS-compliant
Corrosion resistance class (CRC)
0 - No corrosion stress
LABS (PWIS) conformity
VDMA24364 zone III
Certification
RCM compliance mark
c UL us - Recognized (OL)
CE marking (see declaration of conformity)
As per EU EMC directive
As per EU low voltage directive
As per EU RoHS directive
UKCA marking (see declaration of conformity)
To UK instructions for EMC
To UK RoHS instructions
To UK instructions for electrical equipment
Nominal operating voltage DC
360 V
DC nominal voltage
360 V
Type of winding switch
Star inside
Number of pole pairs
2
Stall torque
0.18 Nm
Nominal torque
0.12 Nm
Peak torque
0.7 Nm
Nominal rotary speed
9000 rpm
Max. rotational speed
10000 rpm
Motor nominal power
110 W
Continuous stall current
0.8 A
Motor nominal current
0.7 A
Peak current
3.2 A
Motor constants
0.171 Nm/A
Voltage constant, phase-to-phase
13.5 mV/min
Phase-phase winding resistance
25.6 Ohm
Winding inductance phase-phase
9.95 mH
Total output inertia moment
0.055 kgcm²
Product weight
650 g
Permissible axial shaft load
12 N
Permissible radial shaft load
105 N

Rotor position sensor
Absolute encoder, multi-turn
Rotor position sensor interface
HIPERFACE®
Rotor position sensor measuring principle
Capacitive
Rotor position encoder, sinusoidal/cosinusoidal periods per revolution
16
Typical rotor position sensor resolution
12 bit
Rotor position encoder, typical angular accuracy
20 arcmin
Brake holding torque
0.4 Nm
Brake DC operating voltage
24 V
Brake power consumption
8 W
Brake mass moment of inertia
0.014 kgcm²
Switching cycles, holding brake
5 million idle actuations (without friction work!)
MTTF, subcomponent
371 years, holding brake
MTTFd, subcomponent
271 years, rotor position sensor



Achievers Automation Limited



13828861501



joanna@achieversautomation.com



achieversinstruments.com

RM 509, 5/F, THE CLOUD, 111, TUNG CHAU STREET, TAI KOKTSUI, KOWLOON, HONG KONG