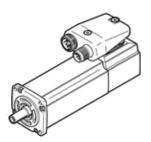
servo motor EMME-AS-40-S-LV-AMB Part number: 2082431

FESTO

Without gear unit/with brake.



Data sheet

Storage temperature 20 70 °C Relative air humidity 0 - 90 % Conforms to standard IEC 60034 Insulation protection class F Rating class according to EM 60034-1 Frotection class IP21 Electrical connector system Plug Materials note Corrosion resistance classification CRC 0 No corrosion stress VPMIX conformity VPMIX conformity VPMIX conformity Authorisation CE mark (see declaration of conformity) To EU directive for EMC To EU directive for EMC To UK instructions for electrical equipment To UK instructions for electrical equipment To UK instructions for electrical equipment To UK instructions for EMC To UK RoHS instructions Nominal operating voltage DC 360 V Nominal voltage DC 360 V Nominal voltage DC 360 V Nominal intorque 0.12 Nm Nominal torque 0.12 Nm Nominal torque 0.12 Nm Nominal torque 0.12 Nm Nominal torque 0.12 Nm Nominal motorp ower 110 W Nominal motor current 0.8 A Nominal motor current 0.9 S M Nominal motor current 0.7 A Peak current 3.2 A Nominal motor current 0.7 A Peak current 0.7 A Peak peak bright in the first in a power take-off Phase-phase winding resistance 9.95 mH Overall mass moment of inertia at power take-off 0.055 kgcm2 Product weight 650 g Permissible axial shaft load 12 N Permissible axial shaft load 12 N Permissible axial shaft load Notor position encoder interface Notor opsition encoder interface Notor o	Feature	Value
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	Rotor position encoder, sinusoidal/cosinusoidal periods per revolution	16



Feature	Value
Rotor position encoder, typical resolution	12 Bit
Rotor position encoder, typical angular accuracy	20 arcmin
Brake holding torque	0.4 Nm
Operating voltage DC for brake	24 V
Power consumption, brake	8 W
Mass moment of inertia of brake	0.014 kgcm2
Switching cycles, holding brake	5 million idle actuations (without work of friction!)
MTTF, subcomponent	371 years, holding brake
MTTFd, subcomponent	271 years, rotary position encoder