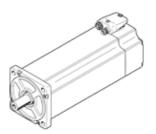
Servomotor EMME-AS-100-M-HS-ASB Part number: 2103501 Product to be discontinued

Without gear unit/with brake.





Data sheet

Ambient temperature	Feature	Value
Relative air humidity 0-90 % Conforms to standard IEC 60034 Insulation protection class F Rating class according to EN 60034-1 S1 Protection class IP21 Electrical connector system Plug Materials note Conforms to RoHS Corrosion resistance classification CRC 0-No corrosion stress PWIS conformity VDMA24364 zone III Authorization CEC symbol (see declaration of conformity) according to EU-ENV guideline accordine to Bush guideline according to EU-ENV guideline accordinace with EU-ENV guideline accordinace with EU-ENV	Ambient temperature	-10 40 °C
Conforms to standard IEC 60034 IRSulation protection class Rating class according to EN 60034-1 S1 Protection class IECERTICAL CONFORMS IP21 Electrical connector system Materials note Corrosion resistance classification CRC O-No corrosion stress Plug Materials note Corrosion resistance classification CRC O-No corrosion stress PWIS conformity VDMA2364 zone III Authorization RCM Mark c UL us - Recognized (OL) CE symbol (see declaration of conformity) according to EU-EMV guideline acc	Storage temperature	-20 70 °C
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Protection class Plug	Insulation protection class	F
Protection class Plug	Rating class according to EN 60034-1	S1
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ROTOR DOSITION ENCORER, SINUSOIDAL/COSINUSOIDAL DERIODS DER REVOLUTION 176	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	9 Nm
Operating voltage DC for brake	24 V
Power consumption, brake	18 W
Mass moment of inertia of brake	0.654 kgcm2
Switching cycles, holding brake	5 million idle actuations (without work of friction!)
MTTF, subcomponent	1037 years, holding brake
MTTFd, subcomponent	340 years, rotary position encoder
Energy efficiency	ENEFF (CN) / Class 2