

Servo Motor EMMS-AS-140-LK-HS-RRB-S1 - Festo 1574675

Item no. FES-1574675

Manufacturer Festo

EAN 4052568241858

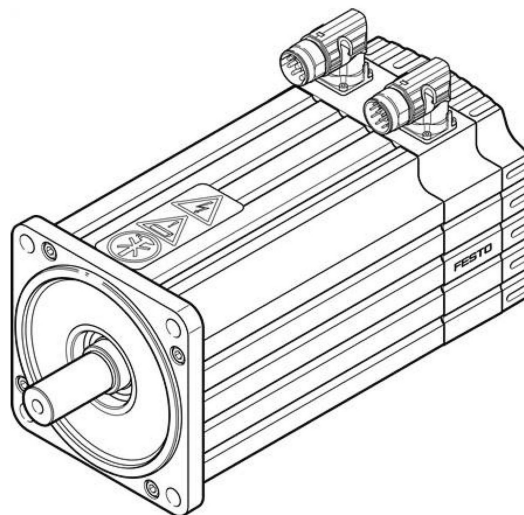
Festo drive motor for precise, dynamic motion tasks in automation technology.

TECHNICAL DATA

HS-Code 85015220

Schutzart IP65

Weight 17.24 kg



STANDARDS & COMPLIANCE

DIN 60034-1

DESCRIPTION

Festo drive motor for precise, dynamic motion tasks in automation technology. The key technical data of this genuine Festo article are listed below.

ambient temperature [°C]	-40 to 40
Bearing temperature [°C]	-20 to 60
Relative humidity	0 - 90 %
Complies to standard	IEC 60034
Insulation protection class	F
Measurement class according to DIN 60034-1	S1
Temperature monitoring	PTC resistance
Protection category	IP65
Electrical connection technology	Plug
Material information	RoHs compliant
Corrosion resistant class KBK	2 - moderate corrosion stress
Permission	RCM mark c UL us - Recognized (OL)

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CE certificate (see declaration of conformity)	to EU EMC directive to EU low voltage directive
Nominal voltage DC [V]	565
Winding switching type	Star internal
Polpaarzahl	6
Standstill torque [Nm]	25,60
Nominal torque [Nm]	21,12
Peak torque [Nm]	48,8
Nominal rotational speed [1/min]	2.000
Max. speed [1/min]	2.460
Nominal performance motor [W]	4.420
Nominal current motor [A]	7,80
Peak current [A]	20,0
Motor constant [Nm/A]	2,720
Voltage constant phase-phase [mVmin]	162,39
Winding resistance phase-phase [Ohm]	1,410
Winding inductivity phase-phase [mH]	13,44
Total output moment of gyration [kg/cm²]	19,400
Product weight [g]	17.240
Permitted axial shaft loading [N]	200
Permitted radial shaft loading [N]	1.060
Rotor position transducer	Resolver
Rotor position transducer interface	SIN/COs analogue signals
Rotor position transducer measurement principle	Inductive
MTTF, part component	114 years, rotor position sensor 4469 years, holding brake
MTTFd, part component	228 years, rotor position sensor
Holding torque brake [Nm]	18
Operating voltage DC brakes [V]	24
Power consumption brake [W]	15,6
Mass inertia Brake [kg/cm²]	1,000
Switching play holding brake	5 million empty actuation (without frictional work!)
Shaft design feather key	DIN 6885 A 8 x 7 x 40