

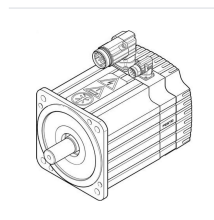
# Servo Motor EMMS-AS-190-SK-HS-AR - Festo 1584919

<b>Item no.</b>	FES-1584919	<b>Manufacturer</b>	Festo
<b>Manufacturer no.</b>	EMMS-AS-190-SK-HS-AR	<b>EAN</b>	4052568242503

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

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
HS-Code	<b>85015220</b>
Schutzart	<b>IP54</b>
Weight	<b>21.1 kg</b>



## 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]	-10 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	IP54
Electrical connection technology	Plug
Material information	RoHs compliant
Corrosion resistant class KBK	2 - moderate corrosion stress
Permission	RCM mark UL us - Recognized (OL)
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]	26,20

Nominal torque [Nm]	17,47
Peak torque [Nm]	80,0
Nominal rotational speed [1/min]	3.000
Max. speed [1/min]	5.300
Nominal performance motor [W]	5.490
Nominal current motor [A]	14,43
Peak current [A]	77,2
Motor constant [Nm/A]	1,211
Voltage constant phase-phase [mVmin]	75,40
Winding resistance phase-phase [Ohm]	0,283
Winding inductivity phase-phase [mH]	3,07
Total output moment of gyration [kg/cm <sup>2</sup> ]	52,100
Product weight [g]	21.100
Permitted axial shaft loading [N]	250
Permitted radial shaft loading [N]	940
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
MTTFd, part component	228 years, rotor position sensor
Shaft design feather key	DIN 6885 A 10 x 8 x 40
Nominal operating voltage DC [V]	565