

Mini Slide EGSC-BS-KF-45-25-10P - Festo 8048300

Item no. FES-8048300

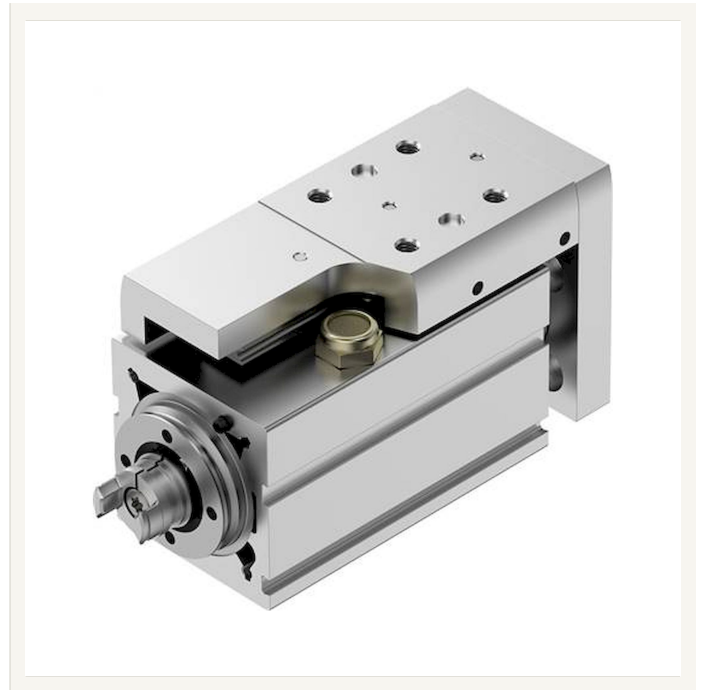
Manufacturer Festo

EAN 4052568294977

Festo pneumatic cylinder for precise linear motion and defined force in automation.

TECHNICAL DATA

HS-Code	84799070
Schutzart	IP40
Weight	0.8 kg
Werkstoff	Aluminium



DESCRIPTION

Festo pneumatic cylinder for precise linear motion and defined force in automation. The key technical data of this genuine Festo article are listed below.

Working stroke [mm]	25
size	45
Stroke reserve [mm]	0
Reversing play [µm]	150
Spindle diameter [mm]	10
Spindle pitch [mm/U]	10
installation position	arbitrary
Guide	ball guide
Construction set up	Electrical mini-carriages with ball screw drive
Motor type	Step motor Servo motor
Referencing	Fixed stopper block negative Fixed stopper block positive Reference switch
Spindle type	Ball screw drive
Position detection	For proximity switch
Max. acceleration [m/s ²]	15

Max. speed [m/s]	0,6
Repeatability	±0.015 mm
Power-on time	100 %
Corrosion resistant class KBK	0 - No corrosion stressing
Sound level [dB(A)]	50
Protection category	IP40
ambient temperature [°C]	0 to 50
Dynamic load factor fixed bearing [N]	7.413
Dynamic load factor linear guide [N]	3.240
Dynamic load factor ball screw drive [N]	3.200
Max. force Fy [N]	1.314
Max. force Fz [N]	1.314
Max. torque Mx [Nm]	8,14
Max. torque My [Nm]	7,05
Max. torque Mz [Nm]	7,05
Max. radial force on drive shaft [N]	340
Max. feed force Fx [N]	120
Guideline payload, horizontal [KGM]	6
Guideline payload, vertical [KGM]	6
Static load factor ball screw drive [N]	5.900
Static load factor linear guide [N]	5.630
Mass inertia JH per metre stroke [kg/cm²]	0,13609
Mass inertia JL per kg usable load [kg/cm²]	0,02533
Mass inertia JO [kg/cm²]	0,01363
Feed constant [mm/U]	10
Static load factor fixed bearing [N]	3.966
Guideline running performance [km]	5.000
Maintenance interval	Lifetime lubrication
Moving mass at 0 mm stroke [g]	212
Weight supplement per 10 mm stroke [g]	63
Base weight at 0 mm stroke [g]	608
Product weight [g]	765
Supplement moved mass per 10 mm stroke [g]	30
Fastening type	with female threads with centring sleeve with accessories with cylinder pin
Interface code actuator	V32

Material information	LABS containing materials included RoHs compliant
Carriage guide material	Roller bearing steel
Guide carriage material	Roller bearing steel
Housing material	Aluminium wrought alloy, anodised
Joch plate material	Aluminium wrought alloy, anodised
Piston rod material	High-alloyed stainless steels
Carriage material	Aluminium wrought alloy, anodised
Spindle nut material	Roller bearing steel
Spindle material	Roller bearing steel