

# Electric Cylinder ESBF-BS-63-200-5P - Festo 1347390

<b>Item no.</b>	FES-1347390	<b>Manufacturer</b>	Festo
<b>Manufacturer no.</b>	ESBF-BS-63-200-5P	<b>EAN</b>	4052568230784

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

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
HS-Code	<b>84799070</b>
Hub [mm]	<b>200.000000</b>
Schutzart	<b>IP40</b>
Weight	<b>3.163 kg</b>



## 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.

size	63
Stroke [mm]	200
Piston rod thread	M16x1,5
Reversing play [µm]	30
Spindle diameter [mm]	25
Spindle pitch [mm/U]	5,0
Max. twist angle of the piston rod ± [deg]	0,40
Based on standard	ISO 15552
installation position	arbitrary
Piston rod end	Male thread
Motor type	Servo motor
Position detection	For proximity switch
Construction set up	Electro-cylinder with ball screw thread
Spindle type	Ball screw
Anti-twist lock / guide	Slide guided
Max. acceleration [m/s <sup>2</sup> ]	5,0

Max. speed [m/s]	0,270
Repeatability	±0.015 mm
Power-on time	100 %
Corrosion resistant class KBK	2 - moderate corrosion stress
Bearing temperature [°C]	-20 to 60
Food compatibility	See expanded material information
Relative humidity	0 - 95 %
Protection category	IP40
ambient temperature [°C]	0 to 60
Max. actuator torque [Nm]	7,0
Max. radial force on drive shaft [N]	700
Max. feed force Fx [N]	7.000
Empty run actuator torque [Nm]	0,40
Guideline payload, horizontal [KGM]	700
Guideline payload, vertical [KGM]	700
Mass inertia JH per metre stroke [kg/cm <sup>2</sup> ]	2,8316
Mass inertia JL per kg usable load [kg/cm <sup>2</sup> ]	0,00633
Mass inertia JO [kg/cm <sup>2</sup> ]	0,49112
Moving mass at 0 mm stroke [g]	1.829
Weight supplement per 10 mm stroke [g]	87
Base weight at 0 mm stroke [g]	3.163
Supplement moved mass per 10 mm stroke [g]	52
Fastening type	With female thread or accessory
Interface code actuator	D60
Material information	LABS containing materials included RoHs compliant
Cover material	Cast aluminium Coated
Piston rod material	High-alloyed stainless steels
Screws material	Steel zinc plating
Spindle nut material	Roller bearing steel
Spindle material	Roller bearing steel
Cylinder tube material	Aluminium wrought alloy Smooth anodised