

Guide Axis ELFC-KF-80-1500 - Festo 8062833

Item no. FES-8062833

Manufacturer Festo

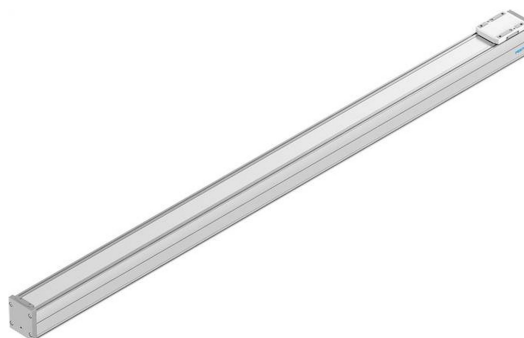
EAN 4052568296629

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

TECHNICAL DATA

Corrosion resistance class CRC **0 - No corrosion stressing**

Design	Guide
HS-Code	84821090
Mounting position	arbitrary
Protection rating	IP40
Series	ELFC
Temperature (max.)	50
Weight	16 kg



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]	1.500
size	80
Stroke reserve [mm]	0
installation position	arbitrary
Guide	ball guide
Construction set up	Guide
Max. acceleration [m/s ²]	500
Max. speed [m/s]	1,5
Power-on time	100 %
Corrosion resistant class KBK	0 - No corrosion stressing
Protection category	IP40
ambient temperature [°C]	0 to 50
Flat torque 2nd grade Iy [mm4]	1.37e+006
Flat torque 2nd grade Iz [mm4]	1.66e+006

Max. force Fy [N]	900
Max. force Fz [N]	2.700
Max. torque Mx [Nm]	59,8
Max. torque My [Nm]	56,2
Max. torque Mz [Nm]	56,2
Torsional moment of inertia to [mm ⁴]	90.500
Pushing force [N]	15,00
Fy for theoretical lifetime of 100 km (pure guide observation) [N]	3.312
Fz for theoretical lifetime of 100 km (purely management observation) [N]	9.936
Mx for theoretical lifetime of 100 km (Purely management observation) [Nm]	220
My for theoretical lifetime of 100 km (Purely management observation) [Nm]	207
Mz for theoretical lifetime of 100 km (Purely management observation) [Nm]	207
Moving mass [g]	815
Weight supplement per 10 mm stroke [g]	73
Closing cover material	Die cast aluminium, painted
Profile material	Aluminium wrought alloy, anodised
Material information	LABS containing materials included RoHS compliant
Masking tape material	High-alloyed stainless steels
Cover material	Die cast aluminium, painted
Carriage guide material	Steel
Guide carriage material	Steel
Carriage material	Aluminium die casting