

Mini Slide DGST-16-20-E1A - Festo 8078854

Item no. FES-8078854

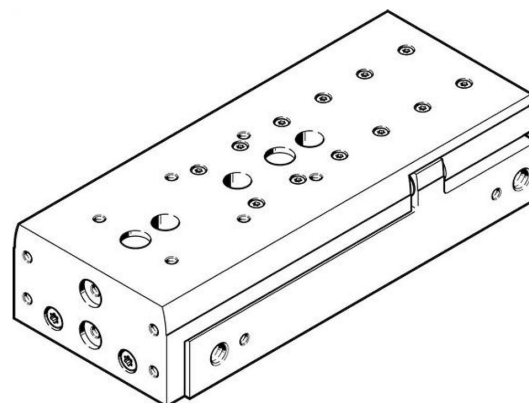
Manufacturer Festo

EAN 4052568446857

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

TECHNICAL DATA

Betriebsdruck max [bar]	8.000000
Bore (mm)	16.000000
Corrosion resistance class CRC	1 - low corrosion stress
Cushioning	Elastomer damping, both sides, stroke not adjustable
Design	Double piston, yoke, piston rod, carriage
Dichtmaterial	HNBR
Funktion	double-acting
HS-Code	84123100
Hub [mm]	20
Material	Aluminium
Medium	Compressed air
Mounting position	arbitrary
Operating conditions	ISO 8573-1
Pneumatic connection	M5
Position sensing	Yes
Series	DGST
Temperature (max.)	60
Weight	0.55 kg



STANDARDS & COMPLIANCE

ISO 8573-1:2010

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.

Stroke [mm]	20
Piston diameter	16 mm
Operating mode actuator unit	Joch
Dampening	Elastomerdämpfung, beidseitig, Hub nicht einstellbar
installation position	arbitrary
Guide	ball guide

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Construction set up	Doppelkolben Joch Kolbenstange Schlitten
Position detection	For proximity switch
Operating pressure [bar]	1 to 8
Max. speed [m/s]	0,5
Repeatability	<= 0,3 mm
Principle of operation	double acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Information about operating and control medium	Oiled operation possible (required in further operations)
Corrosion resistant class KBK	1 - low corrosion stress
ambient temperature [°C]	-10 to 60
Impact energy at the end positions [J]	0,150
Dampening length [mm]	0,8
Max. force Fy [N]	840
Max. force Fz [N]	840
Max. torque Mx [Nm]	11,3
Max. torque My [Nm]	7,0
Max. torque Mz [Nm]	7,0
Theoretical force at 6 bar, Return flow [N]	207
Theoretical force at 6 bar, flow [N]	241
Moving mass [g]	278,0
Product weight [g]	526,0
Fastening type	With throughway bores
Pneumatic connection	M5
Material information	Copper and PTFE-free RoHs compliant
Cover material	Aluminium wrought alloy
Seals material	HNBR
Werkstoff Führung	POM TPE-E hochlegierter Stahl
Housing material	Aluminium wrought alloy
Piston rod material	High-alloyed stainless steels