

Mini Slide DGSL-20-10-PA - Festo 544005

Item no. FES-544005

Manufacturer Festo

EAN 4052568183486

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

TECHNICAL DATA

Betriebsdruck max [bar]	8.000000
Bore (mm)	25.000000
Corrosion resistance class CRC	0 - No corrosion stressing
Cushioning	P: Elastic silencer rings / plates double-sided
Design	Yoke, piston, piston rod, carriage
Dichtmaterial	HNBR
Funktion	double-acting
HS-Code	84123100
Hub [mm]	10
Material	Aluminium
Medium	Compressed air
Mounting position	arbitrary
Operating conditions	ISO 8573-1
Pneumatic connection	G1/8
Position sensing	Yes
Series	DGSL
Temperature (max.)	60
Weight	1.699 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]	10
Alignable end position range / Length front [mm]	50,5
Alignable end position range / Length rear [mm]	49,5
Piston diameter	25 mm
Operating mode actuator unit	Joch

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Dampening	P: Elastic silencer rings / plates double-sided
installation position	arbitrary
Guide	Ball cage guide
Construction set up	Joch Kolben Kolbenstange Schlitten
Position detection	For proximity switch
Operating pressure [bar]	1 to 8
Max. speed [m/s]	0,8
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	0 - No corrosion stressing
ambient temperature [°C]	0 to 60
Impact energy at the end positions [J]	0,450
Dampening length [mm]	1,2
Max. force Fy [N]	2.911
Max. force Fz [N]	2.911
Max. torque Mx [Nm]	60
Max. torque My [Nm]	30,0
Max. torque Mz [Nm]	30,0
Theoretical force at 6 bar, Return flow [N]	247
Theoretical force at 6 bar, flow [N]	295
Moving mass [g]	660
Product weight [g]	1.699
Alternative connections	See product drawing
Fastening type	With throughway bores
Pneumatic connection	G1/8
Material information	Copper and PTFE-free RoHs compliant
Cover material	Aluminium wrought alloy
Seals material	HNBR
Housing material	Aluminium wrought alloy
Piston rod material	High-alloyed stainless steels