

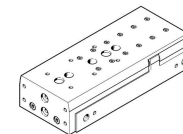
Mini Slide DGST-25-50-Y12A - Festo 8085193

Item no.	FES-8085193	Manufacturer	Festo
Manufacturer no.	DGST-25-50-Y12A	EAN	4052568450816

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

TECHNICAL DATA

Article authenticity	Original product
Betriebsdruck max [bar]	8.000000
Bohrung (mm)	25.000000
Condition of article	New
HS-Code	84123100
Hub [mm]	50.000000
Pneumatischer Anschluss	G1/8
Weight	2.026 kg
Werkstoff	Aluminium



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]	50
Piston diameter	25 mm
Operating mode actuator unit	Joch
Dampening	Y12: externe hydraulische Dämpfung
installation position	arbitrary
Guide	Ball cage guide
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	<= 0,02 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]	3,600
Dampening length [mm]	10,0
Max. force Fy [N]	1.080
Max. force Fz [N]	1.080
Max. torque Mx [Nm]	12,0
Max. torque My [Nm]	11,0
Max. torque Mz [Nm]	11,0
Theoretical force at 6 bar, Return flow [N]	495
Theoretical force at 6 bar, flow [N]	589
Moving mass [g]	1.002,0
Product weight [g]	2.026,0
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
Werkstoff Führung	POM TPE-E hochlegierter Stahl
Housing material	Aluminium wrought alloy
Piston rod material	High-alloyed stainless steels
Alignable end position range / Length front [mm]	31,0
Alignable end position range / Length rear [mm]	31,0