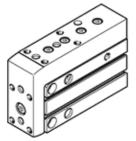
## mini slide DGSS-16-50-E1A Part number: 8164075



## **Data sheet**

Feature	Value
Stroke	50 mm
Size	16
Piston diameter	16 mm
Cushioning	Elastomer cushioning, at both ends, stroke not adjustable
Assembly position	Any
Guide	Recirculating ball bearing guide
Design structure	Yoke
	Piston rod
	Slide
Position detection	For proximity sensor
Operating pressure MPa	0.1 0.8 MPa
Operating pressure	1 8 bar
	14.5 116 psi
Max. speed	0.5 m/s
Repetition accuracy	<= 0,3 mm
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further
	operation)
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-C1-L
RSBP classification to CD-0033	F1a
Cleanroom class	ISO class 6
Ambient temperature	-10 60 °C
Impact energy in end positions	0.03 J
Cushioning length	0.65 mm
Max. force Fy	682 N
Max. force Fz	682 N
Max. torque Mx	3.2 Nm
Max. torque My	1.9 Nm
Max. torque Mz	1.9 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	104 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	121 N
Moving mass	137 g
Product weight	306 g
Mounting type	with through hole
	with internal (female) thread
Pneumatic connection	M5
Materials note	Conforms to RoHS
Material cover	Wrought Aluminium alloy
Material seals	NBR
	PU
Material of guide	NBR
	PA
	High alloy steel
Material housing	Wrought Aluminium alloy
Material piston rod	High alloy steel, non-corrosive
אומנכוומו אוסנטוו וטע	ווונו מווטי גובבו, ווטוינטווטגועב



**FESTO**