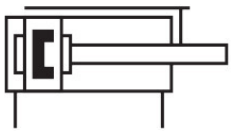
Mini slide
DGSS-10-30-E1A

Part number: 8164064



Data sheet

Feature	Value
Stroke	30 mm
Size	10
Piston diameter	10 mm
Cushioning	Elastomer cushioning, double-sided, stroke not adjustable
Mounting position	optional
Guide	Recirculating ball bearing guide
Design	Yoke Piston rod Slide
Position detection	Via proximity switch
Operating pressure	0.1 MPa...0.8 MPa 1 bar...8 bar 14.5 psi...116 psi
Max. speed	0.5 m/s
Repetition accuracy	<= 0.3 mm
Mode of operation	Double-acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-C1-L
Suitability for the production of Li-ion batteries	Product corresponds to the internal product definition from Festo for use in battery production:Metals with more than 1% by mass of copper, zinc or nickel are excluded from use.The exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils
Cleanroom class	Class 6 according to ISO 14644-1
Ambient temperature	-10 °C...60 °C
Impact energy in end positions	0.018 J
Cushioning length	1.5 mm
Max. force Fy	721 N
Max. force Fz	721 N
Max. moment Mx	2.7 Nm
Max. moment My	2.3 Nm

Feature	Value
Max. moment Mz	2.3 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	39 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	47 N
Moving mass	71 g
Product weight	164 g
Type of mounting	With through-hole Via female thread
Pneumatic connection	M5
Note on materials	RoHS-compliant
Material cover	Wrought aluminium alloy
Material seals	NBR PU
Material guide	NBR PA High-alloy steel
Material housing	Wrought aluminium alloy
Material piston rod	High-alloy stainless steel