

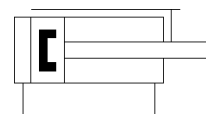
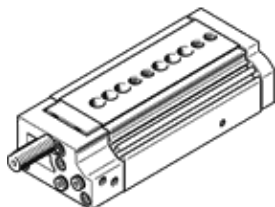
# mini slide

## DGSL-N-12-50-EA

Part number: 570224  
Product to be discontinued

FESTO

Type to be discontinued. Available until 2022. See Support Portal for alternative products.



### Data sheet

Feature	Value
Stroke	50 mm
Adjustable endposition range/front length	9 mm
Adjustable endposition range/rear length	5.5 mm
Piston diameter	16 mm
Operating mode of drive unit	Yoke
Cushioning	Short elastic cushioning rings/pads at both ends
Assembly position	Any
Guide	Ball bearing cage guide
Design structure	Yoke Piston Piston rod Slide
Position detection	For proximity sensor
Operating pressure	1 ... 8 bar
Max. speed	0.8 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	0 - No corrosion stress
Ambient temperature	0 ... 60 °C
Impact energy in end positions	0.25 Nm
Cushioning length	1 mm
Max. force F <sub>y</sub>	1,200 N
Max. force F <sub>z</sub>	1,200 N
Max. torque M <sub>x</sub>	18 Nm
Max. torque M <sub>y</sub>	12 Nm
Max. torque M <sub>z</sub>	12 Nm
Theoretical force at 6 bar, return stroke	104 N
Theoretical force at 6 bar, advance stroke	121 N
Moving mass	340 g
Product weight	837 g
alternative connections	See product drawing
Mounting type	with through hole
Pneumatic connection	M5 suitable for fitting with 10-32 UNF-2B
Materials note	Free of copper and PTFE Conforms to RoHS
Material cover	Wrought Aluminium alloy
Material seals	HNBR
Material housing	Wrought Aluminium alloy
Material piston rod	High alloy steel, non-corrosive