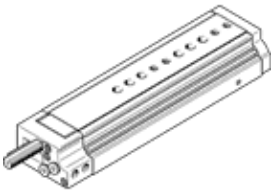
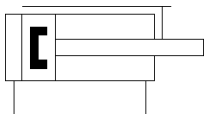
mini slide
DGSL-N-25-150-P1A

Part number: 566338
Product to be discontinued

For position sensing, with highly accurate, durable ball-cage guide and very high repetition accuracy, flexible damping on both sides with metallic end position (P1).

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





Data sheet

Feature	Value
Stroke	150 mm
Adjustable endposition range/front length	110 mm
Adjustable endposition range/rear length	49 mm
Piston diameter	32 mm
Operating mode of drive unit	Yoke
Cushioning	P1: Flexible cushioning rings/plates with stop 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	±0,01 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	4.8 mm
Max. force Fy	4,800 N
Max. force Fz	4,800 N
Max. torque Mx	130 Nm
Max. torque My	80 Nm
Max. torque Mz	80 Nm
Theoretical force at 6 bar, return stroke	415 N
Theoretical force at 6 bar, advance stroke	483 N
Moving mass	2,102 g
Product weight	5,552 g
alternative connections	See product drawing
Mounting type	with through hole
Pneumatic connection	1/8 NPT
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