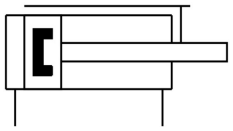
Mini slide
DGSL-25-50-Y3A

Part number: 544050





Data sheet

Feature	Value
Stroke	50 mm
Adjustable end-position range/front length	56 mm
Adjustable end-position range/rear length	51.5 mm
Piston diameter	32 mm
Type code	DGSL
Drive unit operating mode	Yoke
Cushioning	Progressive pneumatic shock absorbers at both ends
Mounting position	Any
Guide	Ball bearing cage guide
Design	Piston Piston rod Slide Yoke
Position sensing	For proximity sensor
Symbol	00991263
Operating pressure	1 bar ... 8 bar
Max. speed	0.8 m/s
Repetition accuracy	±0.01 mm
Mode of operation	Double-acting
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	0 - No corrosion stress
Ambient temperature	0 °C ... 60 °C
Impact energy in the end positions	10 J
Cushioning length	20 mm
Max. force Fy	4650 N
Max. force Fz	4650 N
Max. torque Mx	120 Nm
Max. torque My	60 Nm
Max. torque Mz	60 Nm
Theoretical force at 6 bar, retracting	415 N
Theoretical force at 6 bar, advancing	483 N
Moving mass	1244 g
Product weight	3293 g
Alternative connections	See product drawing
Type of mounting	With through-hole

Feature	Value
Pneumatic connection	G1/8
Note on materials	Free of copper and PTFE RoHS-compliant
Cover material	Wrought aluminum alloy
Seals material	HNBR
Housing material	Wrought aluminum alloy
Piston rod material	High-alloy stainless steel