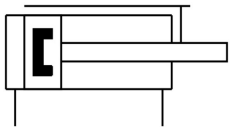
Mini slide
DGSL-6-50-P1A

Part number: 543925





Data sheet

Feature	Value
Stroke	50 mm
Adjustable end-position range/front length	30.5 mm
Adjustable end-position range/rear length	15 mm
Piston diameter	8 mm
Type code	DGSL
Drive unit operating mode	Yoke
Cushioning	Elastic cushioning rings/pads at both ends with fixed stop
Mounting position	Any
Guide	Ball bearing cage guide
Design	Piston rod Piston Yoke Slide
Position sensing	For proximity sensor
Symbol	00991263
Operating pressure	1.5 bar ... 8 bar
Max. speed	0.5 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	0.02 J
Cushioning length	2.8 mm
Max. force Fy	719 N
Max. force Fz	719 N
Max. torque Mx	8 Nm
Max. torque My	5.5 Nm
Max. torque Mz	5.5 Nm
Theoretical force at 6 bar, retracting	23 N
Theoretical force at 6 bar, advancing	30 N
Moving mass	99 g
Product weight	238 g
Alternative connections	See product drawing
Type of mounting	With through-hole

Feature	Value
Pneumatic connection	M3
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