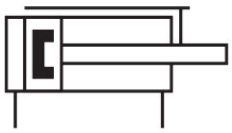
Mini slide
DGSL-4-30-EA

Part number: 570160



General operating condition

Data sheet

Feature	Value
Stroke	30 mm
Adjustable end position range/length front	15.5 mm
Adjustable end position range/length rear	3.5 mm
Piston diameter	6 mm
Operating mode, drive unit	Yoke
Cushioning	Short elastic cushioning rings/pads at both ends
Mounting position	optional
Guide	Ball bearing cage guide
Design	Yoke Piston Piston rod Slide
Position detection	Via proximity switch
Symbol	00991263
Operating pressure	0.25 MPa ... 0.8 MPa
Operating pressure	2.5 bar ... 8 bar
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	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom class	Class 7 according to ISO 14644-1
Ambient temperature	0 °C ... 60 °C
Impact energy in end positions	0.015 J
Cushioning length	0.9 mm
Max. force Fy	387 N
Max. force Fz	387 N
Max. moment Mx	2 Nm
Max. moment My	2 Nm
Max. moment Mz	2 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	13 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	17 N
Moving mass	38 g
Product weight	106 g

Feature	Value
alternative connections	See product drawing
Type of mounting	With through-hole
Pneumatic connection	M3
Note on materials	RoHS-compliant
Material cover	Wrought aluminium alloy
Material seals	HNBR
Material housing	Wrought aluminium alloy
Material piston rod	High-alloy stainless steel