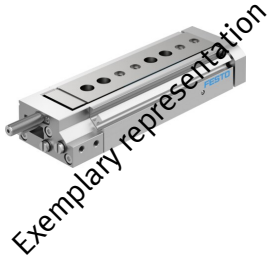


Mini slide DGSL-6- -

Part number: 543903



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	10 mm ... 50 mm
Piston diameter	8 mm
Drive unit operating mode	Yoke
Cushioning	Short elastic cushioning rings/pads at both ends No cushioning Elastic cushioning rings/pads at both ends Elastic cushioning rings/pads at both ends with fixed stop
Mounting position	Any
Guide	Ball bearing cage guide
Structural design	Yoke Piston Piston rod Slide
Position sensing	Via proximity switch
Operating pressure	0.15 MPa ... 0.8 MPa
Operating pressure	1.5 bar ... 8 bar
Max. speed	0.5 m/s
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
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 7 according to ISO 14644-1
Ambient temperature	0 °C ... 60 °C
Theoretical force at 6 bar, retracting	23 N
Theoretical force at 6 bar, advancing	30 N
Alternative connections	See product drawing
Type of mounting	With through-hole
Pneumatic connection	M3
Note on materials	RoHS compliant
Cover material	Wrought aluminum alloy
Seals material	HNBR
Housing material	Wrought aluminum alloy
Piston rod material	high-alloy stainless steel