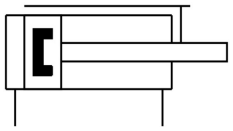
Mini slide
DGSL-8-50-EA

Part number: 570170





Data sheet

Feature	Value
Stroke	50 mm
Adjustable end-position range/front length	20.5 mm
Adjustable end-position range/rear length	3.5 mm
Piston diameter	10 mm
Type code	DGSL
Drive unit operating mode	Yoke
Cushioning	Short elastic cushioning rings/pads at both ends
Mounting position	Any
Guide	Ball bearing cage guide
Design	Piston rod Piston Slide Yoke
Position sensing	For proximity sensor
Symbol	00991263
Operating pressure	1.5 bar ... 8 bar
Max. speed	0.8 m/s
Repetition accuracy	0.3 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	0.08 J
Cushioning length	1.5 mm
Max. force Fy	962 N
Max. force Fz	962 N
Max. torque Mx	10 Nm
Max. torque My	8 Nm
Max. torque Mz	8 Nm
Theoretical force at 6 bar, retracting	40 N
Theoretical force at 6 bar, advancing	47 N
Moving mass	152 g
Product weight	376 g
Alternative connections	See product drawing
Type of mounting	With through-hole

Feature	Value
Pneumatic connection	M3
Note on materials	RoHS-compliant Free of copper and PTFE
Cover material	Wrought aluminum alloy
Seals material	HNBR
Housing material	Wrought aluminum alloy
Piston rod material	High-alloy stainless steel