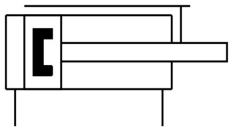
Mini slide
DGSL-6-40-P1A

Part number: 543924

FESTO





Data sheet

Feature	Value
Stroke	40 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 Slide Yoke
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	677 N
Max. force Fz	677 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	90 g
Product weight	221 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