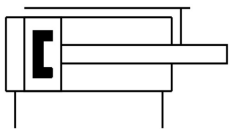
Mini slide
DGSL-20-20-PA

Part number: 544006

FESTO





Data sheet

Feature	Value
Stroke	20 mm
Adjustable end-position range/front length	50.5 mm
Adjustable end-position range/rear length	49.5 mm
Piston diameter	25 mm
Type code	DGSL
Drive unit operating mode	Yoke
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Guide	Ball bearing cage guide
Design	Piston Piston rod Slide Yoke
Position sensing	For proximity sensor
Symbol	00991263
Operating pressure	1 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	0.45 J
Cushioning length	1.2 mm
Max. force Fy	3143 N
Max. force Fz	3143 N
Max. torque Mx	60 Nm
Max. torque My	30 Nm
Max. torque Mz	30 Nm
Theoretical force at 6 bar, retracting	247 N
Theoretical force at 6 bar, advancing	295 N
Moving mass	710 g
Product weight	1813 g
Alternative connections	See product drawing
Type of mounting	With through-hole

Feature	Value
Pneumatic connection	G1/8
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