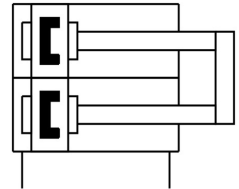


# Mini slide DGST-10-80-PA

Part number: 8085121

FESTO



## Data sheet

Feature	Value
Guide material	POM High-alloy steel TPE-E
Stroke	80 mm
Adjustable end-position range/front length	15.6 mm
Adjustable end-position range/rear length	15.8 mm
Piston diameter	10 mm
Type code	DGST
Drive unit operating mode	Yoke
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Guide	Recirculating ball bearing guide
Design	Piston rod Twin piston Yoke Slide
Position sensing	For proximity sensor
Symbol	00991249
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)	1 - Low corrosion stress
Ambient temperature	-10 °C ... 60 °C
Impact energy in the end positions	0.08 J
Cushioning length	1.5 mm
Max. force F <sub>y</sub>	520 N
Max. force F <sub>z</sub>	520 N
Max. torque M <sub>x</sub>	6 Nm
Max. torque M <sub>y</sub>	5 Nm
Max. torque M <sub>z</sub>	5 Nm
Theoretical force at 6 bar, retracting	79 N
Theoretical force at 6 bar, advancing	94 N
Moving mass	251.7 g

<b>Feature</b>	<b>Value</b>
Product weight	519.4 g
Type of mounting	With through-hole
Pneumatic connection	M5
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