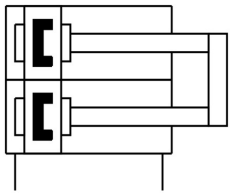
Mini slide
DGST-12-80-E1A

Part number: 8078851





Data sheet

Feature	Value
Guide material	POM High-alloy steel TPE-E
Stroke	80 mm
Piston diameter	12 mm
Type code	DGST
Drive unit operating mode	Yoke
Cushioning	Elastomer cushioning, at both ends, stroke not adjustable
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	0.5 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	0.07 J
Cushioning length	1.1 mm
Max. force Fy	600 N
Max. force Fz	600 N
Max. torque Mx	8.9 Nm
Max. torque My	6.5 Nm
Max. torque Mz	6.5 Nm
Theoretical force at 6 bar, retracting	102 N
Theoretical force at 6 bar, advancing	136 N
Moving mass	360 g
Product weight	776 g
Type of mounting	With through-hole

Feature	Value
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