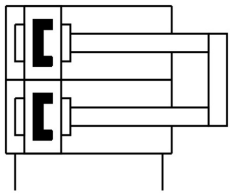
Mini slide
DGST-16-30-E1A

Part number: 8078855





Data sheet

Feature	Value
Guide material	POM High-alloy steel TPE-E
Stroke	30 mm
Piston diameter	16 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 Slide Yoke
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	0.15 J
Cushioning length	0.8 mm
Max. force Fy	860 N
Max. force Fz	860 N
Max. torque Mx	11.3 Nm
Max. torque My	7.5 Nm
Max. torque Mz	7.5 Nm
Theoretical force at 6 bar, retracting	207 N
Theoretical force at 6 bar, advancing	241 N
Moving mass	277 g
Product weight	510 g
Type of mounting	With through-hole

Feature	Value
Pneumatic connection	M5
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