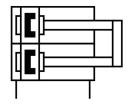
Mini slide DGST-10-30-E1A

Part number: 8078841





<u>General operating condition</u>

Data sheet

Feature Value Stroke 30 mm Piston diameter 10 mm Drive unit operating mode Yoke Cushioning Elastomer cushioning, at both ends, stroke not adjustable Mounting position Any Guide Recirculating ball bearing guide Structural design Twin piston Yoke Piston rod Slide Position sensing For proximity sensor Symbol 00991249 Operating pressure 0.1 MPa ... 0.8 MPa 1 bar ... 8 bar Operating pressure Operating pressure 14.5 psi ... 116 psi 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 LABS (PWIS) conformity VDMA24364-B1/B2-L Cleanroom class Class 6 according to ISO 14644-1 -10 °C ... 60 °C Ambient temperature Impact energy in the end positions 0.05 J Cushioning length 1.6 mm Max. force Fy 490 N Max. force Fz 490 N Max. torque Mx 3.5 Nm Max. torque My 3 Nm Max. torque Mz 3 Nm Theoretical force at 6 bar, retracting 79 N Theoretical force at 6 bar, advancing 94 N 146 g Moving mass Product weight 292 g

Feature	Value
Type of mounting	With through-hole
Pneumatic connection	M5
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy
Seals material	HNBR
Guide material	POM TPE-E High-alloy steel
Housing material	Wrought aluminum alloy
Piston rod material	High-alloy stainless steel