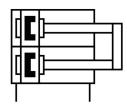
Mini slide DGST-25-40-PA

Part number: 8085152





<u>General operating condition</u>

Data sheet

Feature Value Stroke 40 mm Adjustable end-position range/front length 40.2 mm Adjustable end-position range/rear length 40.2 mm Piston diameter 25 mm Drive unit operating mode Yoke Cushioning Elastic cushioning rings/pads at both ends Mounting position Any Ball bearing cage guide Guide Structural design Twin piston Yoke Piston rod Slide Position sensing For proximity sensor 00991249 Symbol Operating pressure 0.1 MPa ... 0.8 MPa Operating pressure 1 bar ... 8 bar 14.5 psi ... 116 psi Operating pressure Max. speed 0.8 m/s Repetition accuracy <= 0.3 mm Mode of operation Double-acting Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium 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 Class 6 according to ISO 14644-1 Cleanroom class Ambient temperature -10 °C ... 60 °C Impact energy in the end positions 0.45 J Cushioning length 1.2 mm Max. force Fy 1310 N Max. force Fz 1310 N Max. torque Mx 13 Nm Max. torque My 12 Nm Max. torque Mz 12 Nm 495 N Theoretical force at 6 bar, retracting Theoretical force at 6 bar, advancing 589 N

FESTO

Feature	Value
Moving mass	1013.5 g
Product weight	2016 g
Type of mounting	With through-hole
Pneumatic connection	G1/8
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