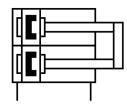
## Mini slide **DGST-20-100-E1A**

Part number: 8078868





**<u>General operating condition</u>** 

## **Data sheet**

Feature Value Stroke 100 mm 20 mm Piston diameter Drive unit operating mode Yoke Cushioning Elastomer cushioning, at both ends, stroke not adjustable Mounting position Any Guide Ball bearing cage 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 0.2 J Cushioning length 1 mm Max. force Fy 1160 N Max. force Fz 1160 N Max. torque Mx 18 Nm Max. torque My 11 Nm Max. torque Mz 11 Nm Theoretical force at 6 bar, retracting 317 N Theoretical force at 6 bar, advancing 377 N Moving mass 890 g Product weight 1962 g

Feature	Value
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