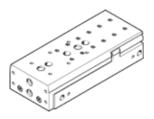
mini slide DGST-20-50-PA Part number: 8085143 ★ Core product range







Data sheet

| Feature | Value |
|--|--|
| Stroke | 50 mm |
| Adjustable endposition range/front length | 32.9 mm |
| Adjustable endposition range/rear length | 31.1 mm |
| Piston diameter | 20 mm |
| Operating mode of drive unit | Yoke |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Assembly position | Any |
| Guide | Ball bearing cage guide |
| Design structure | twin piston |
| | Yoke |
| | Piston rod |
| | Slide |
| Position detection | For proximity sensor |
| Operating pressure MPa | 0.1 0.8 MPa |
| Operating pressure | 1 8 bar |
| | 14.5 116 psi |
| Max. speed | 0.8 m/s |
| Repetition accuracy | <= 0,3 mm |
| Mode of operation | double-acting |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (subsequently required for further |
| Note on operating and phot medium | operation) |
| Corrosion resistance classification CRC | 1 - Low corrosion stress |
| PWIS conformity | VDMA24364-B1/B2-L |
| , | -10 60 °C |
| Ambient temperature Impact energy in end positions | |
| | 0.35 J 1.2 mm |
| Cushioning length | |
| Max. force Fy | 1,080 N |
| Max. force Fz | 1,080 N 9 Nm |
| Max. torque Mx | - |
| Max. torque My | 10 Nm |
| Max. torque Mz | 10 Nm |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 317 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance | 377 N |
| Moving mass | 621.5 g |
| Product weight | 1,341 g |
| Mounting type | with through hole |
| Pneumatic connection | G1/8 |
| Materials note | Conforms to RoHS |
| Material cover | Wrought Aluminium alloy |
| Material seals | HNBR |
| Material of guide | POM |
| | High alloy steel |
| | TPE-E |
| Material housing | Wrought Aluminium alloy |
| Material piston rod | High alloy steel, non-corrosive |