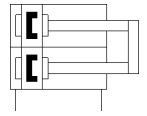


mini slide

DGST-25-150-Y12A

Part number: 8085197

FESTO



Data sheet

| Feature | Value |
|--|---|
| Stroke | 150 mm |
| Adjustable endposition range/front length | 31 mm |
| Adjustable endposition range/rear length | 31 mm |
| Piston diameter | 25 mm |
| Operating mode of drive unit | Yoke |
| Cushioning | Y12: external hydraulic cushioning |
| Assembly position | Any |
| Guide | Ball bearing cage guide |
| Design structure | twin piston Yoke Piston rod Slide |
| Position detection | For proximity sensor |
| Operating pressure | 1 ... 8 bar |
| Max. speed | 0.5 m/s |
| Repetition accuracy | ≤ 0,02 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 operation) |
| Corrosion resistance classification CRC | 1 - Low corrosion stress |
| Ambient temperature | -10 ... 60 °C |
| Impact energy in end positions | 3.6 Nm |
| Cushioning length | 10 mm |
| Max. force Fy | 1,300 N |
| Max. force Fz | 1,300 N |
| Max. torque Mx | 20 Nm |
| Max. torque My | 17 Nm |
| Max. torque Mz | 17 Nm |
| Theoretical force at 6 bar, return stroke | 495 N |
| Theoretical force at 6 bar, advance stroke | 589 N |
| Moving mass | 1,982 g |
| Product weight | 4,137 g |
| Mounting type | with through hole |
| Pneumatic connection | G1/8 |
| Materials note | Free of copper and PTFE Conforms to RoHS |
| Material cover | Wrought Aluminium alloy |
| Material seals | HNBR |
| Material of guide | POM TPE-E High alloy steel |
| Material housing | Wrought Aluminium alloy |
| Material piston rod | High alloy steel, non-corrosive |