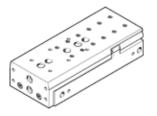
mini slide DGST-16-30-PA Part number: 8085132



Data sheet

| Feature | Value |
|--|---|
| Stroke | 30 mm |
| Adjustable endposition range/front length | 21.7 mm |
| Adjustable endposition range/rear length | 22 mm |
| Piston diameter | 16 mm |
| Operating mode of drive unit | Yoke |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Assembly position | Any |
| Guide | Recirculating ball bearing guide |
| Design structure | twin piston |
| | Yoke |
| | Piston rod |
| | Slide |
| Position detection | For proximity sensor |
| Operating pressure | 1 8 bar |
| Max. speed | 0.8 m/s |
| Repetition accuracy | <= 0,3 mm |
| Mode of operation | double-acting |
| Operating medium | Compressed air in accordance with IS08573-1:2010[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 | 0.25 Nm |
| Cushioning length | 1 mm |
| Max. force Fy | 860 N |
| Max. force Fz | 860 N |
| Max. torque Mx | 11.3 Nm |
| Max. torque My | 7.5 Nm |
| Max. torque Mz | 7.5 Nm |
| Theoretical force at 6 bar, return stroke | 207 N |
| Theoretical force at 6 bar, advance stroke | 241 N |
| Moving mass | 318 g |
| Product weight | 592 g |
| Mounting type | with through hole |
| Pneumatic connection | M5 |
| 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 |



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