

# Twin cylinder DGTZ-GF-25-10-P-A

Part number: 8100637

**FESTO**



## Data sheet

| Feature  | Value  |
|--|--|
| Stroke   | 10 mm  |
| Adjustable end-position range/length                             | 10 mm  |
| Piston diameter  | 25 mm  |
| Operating mode, drive unit                                       | Yoke   |
| Cushioning   | Elastic cushioning rings/plates at both ends   |
| Mounting position  | optional   |
| Guide  | Plain-bearing guide  |
| Design   | Guidance   |
| Position detection   | Via proximity switch   |
| Operating pressure   | 0.1 MPa...0.8 MPa<br>1 bar...8 bar   |
| Mode of operation  | Double-acting  |
| Operating medium   | Compressed air to ISO 8573-1:2010 [7:4:4]  |
| Note on operating and pilot medium                               | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC                                   | 1 - Low corrosion stress   |
| LABS (PWIS) conformity   | VDMA24364 zone III   |
| Cleanroom class  | Class 6 according to ISO 14644-1   |
| Ambient temperature  | -10 °C...80 °C   |
| Impact energy in end positions                                   | 0.3 Nm   |
| Max. effective load dependent upon stroke at defined distance xs | 22.4 N   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke      | 454 N  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke     | 590 N  |
| Moving mass  | 616 g  |
| Product weight   | 616 g  |
| Pneumatic connection   | G1/8   |
| Note on materials  | RoHS-compliant   |
| Material cover   | Wrought aluminium alloy  |
| Material seals   | NBR  |
| Material housing   | Anodised wrought aluminium alloy   |
| Material piston rod  | High-alloy stainless steel   |