

# Twin cylinder DGTZ-GF-32-10-J-T-P-A

Part number: 8103513

FESTO



## Data sheet

| Feature  | Value  |
|--|--|
| Stroke   | 10 mm  |
| Adjustable end-position range/length                             | 10 mm  |
| Piston diameter  | 32 mm  |
| Operating mode, drive unit                                       | Two yokes  |
| Cushioning   | Elastic cushioning rings/plates at both ends   |
| Mounting position  | optional   |
| Guide  | Plain-bearing guide  |
| Design   | Guidance   |
| Position detection   | Via proximity switch   |
| Operating pressure   | 0.12 MPa...0.8 MPa<br>1.2 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 suitability, measured according to ISO 14644-14        | Class 5 according to ISO 14644-1   |
| Ambient temperature  | -10 °C...80 °C   |
| Impact energy in end positions                                   | 0.4 Nm   |
| Max. effective load dependent upon stroke at defined distance xs | 39.4 N   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke      | 724 N  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke     | 724 N  |
| Moving mass  | 717.5 g  |
| Product weight   | 1742 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   |