

# Twin cylinder DGTZ-GF-20-50-J-T-P-A

Part number: 8103491

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Stroke  | 50 mm  |
| Adjustable end position range/length                            | 10 mm  |
| Piston diameter   | 20 mm  |
| Drive unit operating mode                                       | Two yokes  |
| Cushioning  | Elastic cushioning rings/pads at both ends                         |
| Mounting position   | Any  |
| Guide   | Sliding guide  |
| Structural design   | Guide  |
| Position sensing  | For proximity sensor   |
| Symbol  | 00991243   |
| Operating pressure  | 0.12 MPa ... 0.8 MPa   |
| Operating pressure  | 1.2 bar ... 8 bar  |
| Mode of operation   | Double-acting  |
| Operating medium  | Compressed air as per ISO 8573-1:2010 [7:4:4]                      |
| Information on operating and pilot media                        | Operation with oil lubrication possible (required for further use) |
| 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 the end positions                              | 0.2 J  |
| Max. payload as a function of the stroke at defined distance xs | 19.9 N   |
| Theoretical force at 6 bar, retracting                          | 283 N  |
| Theoretical force at 6 bar, advancing                           | 283 N  |
| Moving mass   | 353 g  |
| Product weight  | 845 g  |
| Pneumatic connection  | M5   |
| Note on materials   | RoHS-compliant   |
| Cover material  | Wrought aluminum alloy   |
| Seals material  | NBR  |
| Housing material  | Wrought aluminum alloy, anodized                                   |
| Piston rod material   | High-alloy stainless steel   |