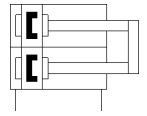
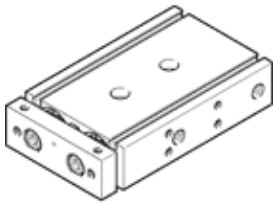


# Twin-piston cylinder DGTZ-GF-25-80-P-A

Part number: 8100644

FESTO



## Data sheet

| Feature   | Value   |
|---|---|
| Stroke  | 80 mm   |
| Adjustable end-position range/length                                | 10 mm   |
| Piston diameter   | 25 mm   |
| Operating mode of drive unit  | Yoke  |
| Cushioning  | P: Flexible cushioning rings/plates at both ends                            |
| Assembly position   | Any   |
| Guide   | Plain-bearing guide   |
| Design structure  | Guide   |
| Position detection  | For proximity sensor  |
| Operating pressure MPa  | 0.1 ... 0.8 MPa   |
| Working pressure  | 1 ... 8 bar   |
| 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  |
| PWIS conformity   | VDMA24364 zone III  |
| Ambient temperature   | -10 ... 80 °C   |
| Impact energy in end positions                                      | 0.3 Nm  |
| Max. useful load as a function of the stroke at defined distance xs | 9.1 N   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting            | 454 N   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance               | 590 N   |
| Moving mass   | 987 g   |
| Product weight  | 987 g   |
| Pneumatic connection  | G1/8  |
| Materials note  | Conforms to RoHS  |
| Material cover  | Wrought Aluminum alloy  |
| Material seals  | NBR   |
| Material housing  | Anodised wrought aluminium alloy  |
| Material piston rod   | High alloy steel, non-corrosive   |