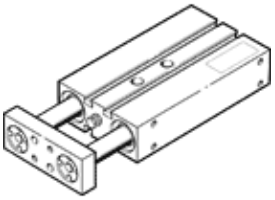
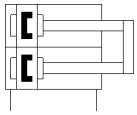
# twin-piston cylinder
# DPZ-16-100-P-A-KF

Part number: 162031

With two parallel piston rods, for proximity sensing, with elastic cushioning rings in end positions.





## Data sheet

| Feature | Value |
|---|---|
| Stroke | 100 mm |
| Adjustable end-position range/length | 10 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 | Guide |
| Position detection | For proximity sensor |
| Operating pressure MPa | 0.1 ... 1 MPa |
| Operating pressure | 1 ... 10 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 | 0 - No corrosion stress |
| PWIS conformity | VDMA24364-B1/B2-L |
| Ambient temperature | -20 ... 80 °C |
| Impact energy in end positions | 0.15 Nm |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 180 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance | 242 N |
| alternative connections | See product drawing |
| Pneumatic connection | M5 |
| Material cover | Wrought Aluminium alloy |
| Material seals | NBR |
| Material housing | Wrought Aluminium alloy |
| Material piston rod | Case-hardened steel |