

# Twin-piston cylinder DPZ-32-50-P-A-KF

Part number: 162134

FESTO

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



## Data sheet

| Feature  | Value   |
|--|---|
| Stroke   | 50 mm   |
| Adjustable end-position range/length                     | 10 mm   |
| Piston diameter  | 32 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   |
| Working 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                           | 0.5 Nm  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 724 N   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance    | 966 N   |
| alternative connections                                  | See product drawing   |
| Pneumatic connection                                     | G1/8  |
| Material cover   | Wrought Aluminum alloy  |
| Material seals   | NBR   |
| Material housing   | Wrought Aluminum alloy  |
| Material piston rod                                      | Case-hardened steel   |