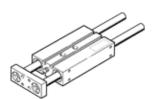
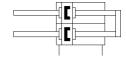
## twin-piston cylinder DPZ-32-80-P-A-KF-S2 Part number: 162142

**FESTO** 

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





## **Data sheet**

| Feature  | Value  |
|--|--|
| Stroke   | 80 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   |
| Variants   | Through piston rod   |
| 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                           | 0.5 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    | 724 N  |
| alternative connections                                  | See product drawing  |
| Pneumatic connection                                     | G1/8   |
| Material cover   | Wrought Aluminium alloy  |
| Material seals   | NBR  |
| Material housing   | Wrought Aluminium alloy  |
| Material piston rod                                      | Case-hardened steel  |