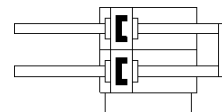
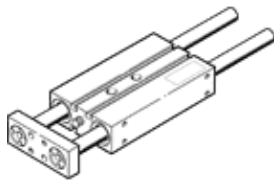


# twin-piston cylinder DPZ-32-25-P-A-KF-S2

Part number: 162139

FESTO

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



## Data sheet

| Feature                                    | Value                                                                       |
|--------------------------------------------|-----------------------------------------------------------------------------|
| Stroke                                     | 25 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                         | 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                                                     |
| Ambient temperature                        | -20 ... 80 °C                                                               |
| Impact energy in end positions             | 0.5 Nm                                                                      |
| Theoretical force at 6 bar, return stroke  | 724 N                                                                       |
| Theoretical force at 6 bar, advance stroke | 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                                                         |