

# Twin-piston cylinder DPZJ-20-50-P-A-S20

Part number: 159994

FESTO

With two parallel, double-ended piston rods and yoke plates, 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                            | 20 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  |
| Variants                                   | through, hollow piston rod  |
| Working pressure                           | 1 ... 10 bar  |
| Max. speed                                 | 1 m/s   |
| 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    | 2   |
| Ambient temperature                        | -20 ... 80 °C   |
| Impact energy in end positions             | 0.2 Nm  |
| Theoretical force at 6 bar, return stroke  | 282 N   |
| Theoretical force at 6 bar, advance stroke | 282 N   |
| alternative connections                    | See product drawing   |
| Pneumatic connection                       | M5  |
| Materials information for cover            | Wrought Aluminum alloy  |
| Materials information for seals            | NBR   |
| Materials information, housing             | Wrought Aluminum alloy  |
| Materials information for piston rod       | High alloy steel, non-corrosive   |